

LAKESHORE TRANSPORTATION STUDIES NEW CREDIT RIVER ACTIVE TRANSPORTATION (AT) BRIDGE STUDY CORRIDOR-WIDE LIMITED PHASE I ENVIRONMENTAL SITE ASSESSMENT MISSISSAUGA, ONTARIO

Prepared for: HDR CORPORATION

Prepared by: MATRIX SOLUTIONS INC.

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Prepared for HDR Corporation, January 2023

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DISCLAIMER

Matrix Solutions Inc. certifies that this report is accurate and complete and accords with the information available during the project. Information obtained during the project or provided by third parties is believed to be accurate but is not guaranteed. Matrix Solutions Inc. has exercised reasonable skill, care, and diligence in assessing the information obtained during the preparation of this report.

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EXECUTIVE SUMMARY

HDR Corporation retained Matrix Solutions Inc. to complete a corridor-wide Limited Phase I environmental site assessment (ESA) in support of engineering services for the Lakeshore Transportation Studies (the project). This corridor-wide Limited Phase I ESA has been completed for the New Credit River Active Transportation (AT) Bridge Study of the project.

The Limited Phase I ESA was conducted in general accordance with the Canadian Standards Association Standard Z768 01 (R2016) *Phase I Environmental Site Assessment* (CSA 2001). In addition, the general methodology for conducting Phase One ESAs provided in Ontario Regulation 153/04, as amended, has also been followed. Furthermore, due to the linear infrastructure nature of this study, Matrix has also incorporated aspects of the Ontario Ministry of Transportation process for conducting a Contamination Overview Study as provided in *Environmental Guide for Contaminated Property Identification and Management* (MTO 2006).

For the purposes of this corridor-wide Limited Phase I ESA, the Phase I Property (the site) is assumed to be the land within the proposed right-of-way (RoW) along the project route, and the site boundary is assumed to be the proposed RoW outline. The Phase I study area encompasses a 250 m buffer, which includes the properties wholly and partially located within 250 m from the boundaries of the site. The 250 m buffer is added to either side of the road to account for surrounding properties that could potentially impact the site. The majority of the Phase I study area is located in a fully developed area in Mississauga. A very small area at the eastern end of the study area (along Etobicoke Creek) is located within the City of Toronto. The land use within the study area is a mixture of residential (mainly on the north side of Lakeshore Road East) and commercial and industrial properties (mainly along Lakeshore Road East and to the south side). Open spaces and/or parklands are present along Etobicoke Creek on the south side of Lakeshore Road East.

The Limited Phase I ESA provides a general overview of the site and study area to identify current and historical potentially contaminating activities (PCAs) and areas of potential environmental concern (APECs) within the study area. The assessment of PCAs and APECs have been conducted on a broad level when compared with property-specific or individual Phase I ESAs, due to the scope of the corridor-wide Limited Phase I ESA (i.e., assessment of a large number of properties rather than one single property). APECs have been identified as properties and/or areas of potential environmental concern within the study area, which have been assigned with a risk rating of "high" or "medium" potential for contamination. The findings of the Limited Phase I ESA will provide a baseline of understanding to support and inform the planning of property acquisition, dewatering/groundwater management, and excess soil management work in the future design and planning stages. The findings will also identify appropriate environmental work and mitigation measures recommended for completion during the detailed design and construction phases of the project.

The Limited Phase I ESA includes a review of historical records available for the properties within the study area and documents observations made from a drive-by, windshield site visit of the properties within the

study area from public roadways and lands. The site visit did not include property-specific inspections and/or building inspections. No interviews have been conducted for any properties within the study area.

Based on the review of available historical information and observations made during the site visit, 15 properties and/or areas within the Phase I study area have been identified as having a "high" potential for soil and groundwater contamination, including dry-cleaning facilities, vehicle repair garages, and industrial or manufacturing sites. Nine properties and/or areas within the study area have been identified as having a "medium" potential for soil and groundwater contamination, including light industrial, commercial and/or institutional facilities. The remaining properties in the study area, which were never developed or were developed but only used for agricultural (excluding orchards, nurseries, tree farms, and golf courses), residential, or parkland uses, were rated as having a "low" potential for contamination. In addition, two significant spill incidents, representing two spill locations are also considered as having a "high" potential for soil and/or groundwater contamination. The properties or areas rated "high" and "medium" potentials for contamination, significant spill, and historical fill locations represent APECs in the study area. In addition to the APECs, potential impacts from de-icing salt applications during the winter season and unrecorded spill incidents on the site and other municipal roadways are also considered as potential environmental concerns to impact the nearby soil and groundwater quality.

The Limited Phase I ESA was prepared in accordance with the scope described in our proposal to HDR Corporation and the City of Mississauga. Matrix Solutions Inc. has exercised reasonable skill, care, and diligence in assessing the information obtained during the preparation of the Limited Phase I ESA. The findings provided in this report are based upon analysis of documents and records provided by third parties. Matrix has assumed that this information is factual and accurate. Matrix accepts no responsibility for any deficiency, misstatement, or inaccuracy contained in this report as a result of omissions or misinterpretations contained in this information. The scope of work for this Limited Phase I ESA does not include an intrusive or subsurface investigation for hazardous substances, and therefore, these substances may be present through any of the study area regardless of the assigned contamination ratings.

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1 INTRODUCTION

HDR Corporation and the City of Mississauga (the City) retained Matrix Solutions Inc. to complete a corridor-wide Limited Phase I environmental site assessment (ESA) in support of engineering services for the Lakeshore Transportation Studies (the project). The project includes the following parts:

- Lakeshore Bus Rapid Transit (BRT) Study: Transit Project Assessment Process (TPAP) and preliminary design for a 2 km section of Lakeshore Road from Etobicoke Creek to East Avenue.
- Lakeshore Complete Streets Study: Schedule C Class Environmental Assessment (EA) study and preliminary design for Lakeshore Road and Royal Windsor Drive from East Avenue to the Oakville border.
- New Credit River Active Transportation (AT) Bridge Study: Schedule B Class EA study and preliminary design for an active transportation bridge crossing over the Credit River north of Lakeshore Road.

Matrix has completed this corridor-wide Limited Phase I ESA for the New Credit River AT Bridge Study of the project.

For the purposes of this corridor-wide Limited Phase I ESA, the Phase I Property (the site) is assumed to be the land within the proposed right-of-way (RoW) along the project route, and the site boundary is assumed to be the proposed RoW outline. The Phase I study area encompasses a 250 m buffer, which includes the properties wholly and partially located within 250 m from the boundaries of the site. The 250 m buffer is added to either side of the road to account for surrounding properties that could potentially impact the site.

The corridor-wide Limited Phase I ESA provides a general overview of the site and study area to identify current and historical potentially contaminating activities (PCAs) and areas of potential environmental concern (APECs) within the study area. The assessment of PCAs and APECs have been conducted on a broad level when compared with property specific or individual Phase I ESAs, due to the scope of the corridor wide Limited Phase I ESA (i.e., assessment of a large number of properties rather than one single property). Individual APECs (i.e., properties of potential environmental concern) have been identified within the study area, which have been assigned with a risk rating of "high" or "medium" potential for contamination.

The findings of the Limited Phase I ESA will provide a baseline of understanding for the planning of property acquisition, dewatering/groundwater management, and excess soil management work in the future design and planning stages and to identify appropriate environmental work and mitigation measures recommended for completion during the detailed design and construction phases of the project.

1.1 Scope of Work

This corridor-wide Limited Phase I ESA was conducted in general accordance with the Canadian Standards Association (CSA) Standard Z768 01 (R2016) *Phase I Environmental Site Assessment* (CSA 2001). In addition, the general methodology for conducting Phase I ESAs provided in Ontario Regulation 153/04, as amended (O. Reg. 153/04), has also been followed. Due to the linear infrastructure nature of this study, Matrix has also incorporated aspects of the Ontario Ministry of Transportation (MTO) process for conducting a Contamination Overview Study as provided in *Environmental Guide for Contaminated Property Identification and Management* (MTO 2006).

This corridor-wide Limited Phase I ESA includes a review of historical records available for the properties located within the study area and a drive-by, windshield site visit to make observations of the properties within the study area (including the site) from public roadways and lands. The site visit did not include property-specific inspections and/or building inspections.

Table A lists information sources obtained and reviewed as part of the records review.

TABLE A Summary of Records Review

		Extent of Records Review		
Record	Source	Phase I	Phase I	
		Property	Study Area	
Environmental Risk Information Service (ERIS) Database Search Report	ERIS, Order No. 21010600151, June 9, 2021	Х	X	
Fire Insurance Plans	Opta Information Intelligence	X	X	
Chain of Title	Not obtained or provided by the City of Mississauga	-	-	
City Directories	LGI Copy Services Canada - 1958, 1970-71, 1972-73, 1977-78, 1979, 1989, and 2000	Х	Х	
Technical Standards and Safety Authority (TSSA) Tank Records	TSSA	Х	Х	
Previous Environmental Reports	 20-22 Lakeshore Road East: Closed Port Credit Memorial Park Landfill Site 2014 - 2015 Water Monitoring Report, Regional Municipality of Peel (Stantec 2016) Geotechnical Investigation, Proposed Parking Garage, 22 Lakeshore Road East, Mississauga, Ontario (V.A. Wood 2019) 	Х	Х	
Areas of Natural Significance	Ontario Ministry of Natural Resources and Forestry (GIS) application	Х	Х	
Aerial Photographs	City of Mississauga - 1975, 1985, 1997, 2005, 2010, and 2015 (copies of photographs are not included in the report due to copyright; City of Mississauga 2021a) ERIS - 1931, 1946, 1965	Х	X	
Topographic Maps	The Atlas of Canada - Toporama; Natural Resources Canada (2021)	Х	Х	

		Extent of Records Review		
Record	Source	Phase I Property	Phase I Study Area	
Physiographic Maps	The Physiography of Southern Ontario; Chapman and Putnam (1984)	Х	Х	
Geological Maps	Quaternary geology of Ontario (southern sheet); Barnett et al. (1991)	Х	Х	
Well Records	Ontario Ministry of the Environment, Conservation and Parks Water Well Information System (MECP 2021a)	Х	Х	

Due to the nature of the corridor-wide Limited Phase I ESA, (i.e., assessment of a large number of properties instead of a single property for a standard Phase I ESA), the standard scope of a CSA Phase I ESA (i.e., for a single property) has been modified to fit the needs for the assessment of a large number of properties. The following tasks, which are included in a CSA Phase I ESA for a single property, are not included in the corridor-wide Limited Phase I ESA:

- A chain-of-title search for any of the properties within the study area was not obtained.
- Freedom of Information (FOI) requests were not made to the Ontario Ministry of the Environment,
 Conservation and Parks (MECP) or the City for information for the site or properties within the study area.
- The site visit for the corridor-wide Limited Phase I ESA was a drive-by site visit, and observations of properties were made on features readily visible from public roadways and lands. No property-specific inspections and/or building inspections were conducted.
- No interviews with the property owners were conducted.

If further investigation is determined to be necessary for any of the properties or APECs during the later stage of the project, the above-listed items may be assessed as part of the property-specific/individual Phase I ESAs.

The Limited Phase I ESA scope does not include collecting samples of air, soil, groundwater, surface water, or building materials. Also note that a Phase I ESA does not constitute a hazardous materials survey or designated substances survey.

1.2 Methodology

Information gathered from the historical records review and site visits was used to identify PCAs and properties or APECs (properties or areas of potential environmental concern) in the study area. The APECs within the study area have been assigned with a risk rating of "high" or "medium" potential for contamination in accordance with the MTO (2016). The remaining properties, which have not been identified as APECs, have been assigned with a risk rating of "low" potential for contamination.

The properties or APECs with risk ratings of "high" and/or "medium" have been assigned property identification numbers, which are referenced throughout this report.

The rationale for risk rating assignments is provided in the following subsections.

1.2.1 High Potential for Contamination

Properties with a high potential for contamination include:

- properties with confirmed soil and groundwater contamination based on the review of historical records
- current and historical industrial facilities; the potential for contamination is high due to the industrial processes and materials involved
- current or historical waste disposal sites and waste receiving and transfer sites; potential environmental impacts related to waste disposal/handing/transfer sites can be more severe and may extend to neighbouring properties
- some commercial operations, such as dry cleaners, vehicle and equipment repair, automobile wrecking yards, or fuel service stations due to the chemical, fuel, and/or material usage, storage, and handling on these properties
- properties with PCAs, as defined in Table 2, Schedule D of O. Reg. 153/04 (provided in Appendix A);
 these PCAs must be identified and evaluated when preparing Phase I ESAs for filing a Record of Site Condition.
- certain agricultural properties, such as historical orchards, due to the concern of large-scale pesticide/herbicide applications
- high potential for soil contamination within the railway corridor beneath and or adjacent to railway tracks, as railway ties are impregnated with creosote, and railways are often developed on poor quality fill
- properties with visible transformers, potential fill material of unknown quality, and where significant spills have been reported

1.2.2 Medium Potential for Contamination

Properties with medium potential for contamination include:

 historical and/or current commercial facilities, unless evidence suggests a "high" or "low" potential for contamination

- light industrial facilities, such as warehouses, shipping and receiving operations, light assembly and vehicle and equipment storage
- nurseries, tree farms, and golf courses which may involve the application of pesticides/herbicides
- institutional facilities, such as churches, public schools, large office buildings, nursing homes, and community centres due to the concern of potential use or storage of larger quantities of chemicals (including generator/heating oils), unless specific sources of information suggest that they have "high" or "low" potential

1.2.3 Low Potential Properties

Properties with low potential for contamination include:

- properties where land uses consist of undeveloped lands, open spaces, and residential properties
- in general, agricultural properties (except for orchards, nurseries, and golf courses):
 - Agricultural equipment use, storage, and repair may increase the potential for contamination if present.
 - + In addition, certain pesticides and fertilizers applied on agricultural lands can accumulate in surficial soil.

1.2.4 Road Salt Impacts and Undocumented Spills

The site consists of the proposed road corridor within the RoW. Road salts used for de-icing during the winter season along municipal roadways within the study area have the potential to impact the soil and groundwater quality in the vicinity. Road salt impacts due to winter de-icing purposes are not considered contaminants as per O. Reg. 153/04. In addition, potential unrecorded spills on the roadways during vehicular traffic may also have the potential to impact the soil and groundwater quality along the road corridors. The potential impacts from de-icing salt impacts and undocumented spills at the site and along other municipal roads are not considered as factors in the risk rating assignment; however, appropriate assessment, management, and/or reuse of the excess soil with salt and petroleum-relevant impacts will be needed.

2 SITE OVERVIEW

2.1 Site Location and Study Area Limits

The active transportation bridge crossing over the Credit River is located in a fully developed area in Mississauga. The preferred alternative route for the bridge crossing (Alternative 2, Queen Street Extension; City of Mississauga & HDR Inc. 2019) is located to the south of and parallel to the Canadian

National Railway (CN) rail line, with a total length of approximately 0.48 km from Mississauga Road North/Queen Street West easterly to Stavebank Road. There is no proposed RoW data for the bridge crossing yet as of the writing of this report. The Phase I Property (the site) is assumed to be the land within 10 m of the centre line of the preferred alternative route on either side of the road. A 250 m buffer (the Phase I study area; the study area) is added to either side of the road to account for surrounding properties that could potentially impact the site. Figure 1 illustrates the site location and study area limits.

2.2 Land Use

The study area is located in a well-developed area in Mississauga. Land use within the study area includes a mixture of residential (primarily on the north side of CN rail line) and commercial and industrial properties (primarily on the south side of the CN rail line). The CN rail line runs across the north side of the study area in a west-east direction. Port Credit Memorial Park is located along the east side of the Credit River, south of the CN rail line.

2.3 Topography and Drainage

According to the *Atlas of Canada - Toporama* (NRCan 2021), the ground elevations within the west and east portions of the study area are at approximately 80 m above mean sea level (amsl). The topography within the study area generally slopes downward toward the middle of the study area with the lowest elevations seen along the Credit River valley.

The study area is situated within the Credit River watershed. The Credit River crosses the middle section of the study area and drains to the south/southeast toward Lake Ontario.

Based on the topography and surface drainage features of the area, the regional groundwater flow is easterly/southeasterly toward Lake Ontario. Locally, surface water runoff and groundwater flow are influenced by ground topography, flowing from elevated areas (the west and east sides of the study area) to the Credit River valley.

The topography and surface drainage features in the area are provided on Figure 2.

2.4 Geology and Hydrogeology

The study area is located within the Iroquois Plain physiographic region (Chapman and Putnam 1984), which is comprised mostly of permeable sands and situated along the shoreline of the current Lake Ontario. According to the *Quaternary geology of Ontario (southern sheet)* (Barnett et al. 1991), the quaternary deposit in the vicinity of the study area consists of Paleozoic undifferentiated carbonate and clastic sedimentary rock, exposed at surface or covered by a discontinuous, thin layer of drift. Underlying the overburden deposits within the study area are shale, limestone, dolostone, and siltstone of the Georgian Bay Formation (OGS 1991).

A review of the MECP Water Well Information System (WWIS; MECP 2021a) database and available previous environmental reports for the properties within the study area (as discussed in Section 3) indicates the geology underlying the study area consists of a layer of fill soil underlain by clayey silt/silty clay deposits. Discontinuous sand and gravel layers were found in the clayey silt/silty clay deposits. Underlying overburden soil, at depths ranging from approximately 2 m to greater than 11 m, is shale bedrock. The upper layer of shale was generally weathered. Depths to shallow groundwater table ranged from approximately 1 m below ground surface (bgs) to greater than 3 m bgs.

Potable water in the area is municipally serviced with water obtained from Lake Ontario. A review of the MECP WWIS records for the study area (MECP 2021a) did not identify any existing potable water wells or water supply wells within the study area. Therefore, the aquifer underlying the study area is not considered as a potable water source.

2.5 Significant Natural Environmental Features

According to the natural heritage information available from the Ontario Ministry of Natural Resources and Forestry (MNRF) website (MNRF 2021), Areas of Natural and Scientific Interest (ANSI) "Life Science Regionally Significant" are present in the middle portion of the study area (north of CN rail line along the Credit River) and at the west end of the study area (west of Mississauga Road along the CN rail line). Provincially Significant Wetlands (PSWs) are present at the central portion of the study area (north of the CN rail line along the Credit River). There are no natural heritage systems present within the study area. The ANSI and PSWs are also presented on *Schedule 3 - Natural System* of the Mississauga Official Plan (City of Mississauga 2021b).

According to the MECP Source Water Protection Atlas (MECP 2021b), there are no Wellhead Protection Areas located within or in the vicinity (within a 1 km radius) of the study area. The central and east portions of the study area are located within a surface water Intake Protection Zone 3.

3 PREVIOUS ENVIRONMENTAL REPORTS

The City provided HDR and Matrix with several previous environmental reports for the former Port Credit Memorial Park landfill site (Property ID #1). The area is currently occupied by the Port Credit Memorial Park (22 Lakeshore Road East) and the Port Credit Library (20 Lakeshore Road East). Historical presence of soil and/or groundwater contamination was confirmed at the former landfill site. Table 5 provides a summary of the information collected for these properties/facilities. Details of the reports reviewed and information collected are provided in the following sections.

3.1 20-22 Lakeshore Road East (Property ID# 1)

The following reports were reviewed:

- Closed Port Credit Memorial Park Landfill Site 2014 2015 Water Monitoring Report, Regional Municipality of Peel (Stantec 2016)
- Geotechnical Investigation, Proposed Parking Garage, 22 Lakeshore Road East, Mississauga, Ontario (V.A. Wood 2019)

A review of these reports indicated the following:

- The closed Port Credit landfill (Ontario Ministry of Environment and Climate Change [currently MECP] site number 7069) was developed in the early 1950s within the marshlands along Credit River and occupied 6.5 ha in area. The landfill closed in 1960. The former landfill site was redeveloped as a recreational park for local residences (the Memorial Park), which is managed by the City. The former landfill site is currently occupied by two parcels of properties with municipal addresses of 20 Lakeshore Road East (Memorial Park) and 22 Lakeshore Road East (Port Credit Library).
- The Regional Municipality of Peel was conducting groundwater and surface water monitoring at the close landfill site. The Region of Peel retained Stantec Consulting Ltd. (2016) to document the results of the 2014-2015 groundwater and surface water monitoring. The report indicated the following:
 - + Shallow groundwater (i.e., overburden, fill, and refuse) flow (2014-2015) was generally to the south/southeast toward the Credit River and Lake Ontario.
 - + Alkalinity, ammonia, total kjeldahl nitrogen, iron, manganese, boron, and volatile organic compounds (VOCs) were all elevated in the monitoring wells in the refuse zone and were considered good indicator parameters for leachate impacts. Leachate impacts were seen in the downgradient monitoring wells for a few specific parameters.
 - + At downgradient monitoring wells, located immediately south of Lakeshore Road, elevated chloride and sodium concentration were observed, which could be a result of road salt impacts from Lakeshore Road. Surface water quality was generally similar from upstream to downstream. Total phosphorus and iron exceeded the Provincial Water Quality Objectives (PWQO; MOEE 1999) in the surface water samples. The surface water data did not indicate leachate impacts to water quality in the Credit River but did suggest impacts from the surrounding urban land use.
- A geotechnical investigation was conducted by V. A. Wood Associates Limited (2019) in November 2019 for the proposed parking garage at 22 Lakeshore Road East (part of the former landfill site). The proposed structure was to be a 4 to 5 storey building with a slab on grade to be built on the existing paved parking area on the east side of the Port Credit Library. The geotechnical investigation indicated the following:

- + The overburden soil on the property consisted of a layer of pavement underlain by a fill layer with thickness of approximately 3.5 to 5 m, which was further underlain by soft clayey silt (3 to 6.2 m thick). The clayey silt was underlain by sandy silt, sand, or gravel with thickness ranging from 0.7 to 2.7 m. Weathered shale was encountered at a depth between 7 and 11.8 m bgs. The groundwater table was reported at elevations from approximately 74.5 and 75.5 m amsl.
- Two samples of the fill soil from each borehole (a total of 14 samples) were submitted for testing for metals and inorganic parameters, petroleum hydrocarbon fraction 1 (C₆-C₁₀, excluding benzene, toluene, ethylbenzene, and xylenes) to fraction 4 (C_{>34}), VOCs, polycyclic aromatic hydrocarbons, and polychlorinated biphenyls. However, the test results were not available at the time of preparing the geotechnical report and not provided in the report.

4 RECORDS REVIEW

4.1 MECP and Municipal Freedom of Information Requests

Based on the proposed scope for the corridor-wide Limited Phase I ESA, FOI requests to the MECP and the City were not conducted for any of the properties within the study area. FOI requests under the *Freedom of Information and Protection of Privacy Act* conducted by the MECP and local municipalities are based on a specific address. There is no address number associated with the site, and there are a large number of properties within the study area.

4.2 Chain-of-Title

According to the proposed scope of the corridor-wide Limited Phase I ESA (i.e., assessment of a large number of properties rather than a single property), chain-of-title searches were not conducted for any of the properties within the study area. The City did not provide chain-of-title records for any properties.

4.1 Environmental Risk Information Service Database Search

Matrix obtained a custom report from Environmental Risk Information Service (ERIS; Report Number 21010600151; June 9, 2021) for records for the properties within the study area. Appendix B includes a summary of the complete list of databases reviewed by ERIS and a copy of the ERIS report.

Properties located within the study area are listed in 11 databases including Anderson's Waste Disposal Sites (ANDR), Certificates of Approval (CA), Environmental Activity and Sector Registry, Environmental Compliance Approval (ECA), ERIS Historical Searches, Ontario Regulation 347 Waste Generators Summary (GEN), National Energy Board Pipeline Incidents, Pipeline Incidents (PINC), Scott's Manufacturing Directory (SCT), Ontario Spills (SPL), and Waste Disposal Sites - MOE 1991 Historical Approval Inventory (WDSH).

The industrial and commercial facilities listed in the ERIS databases may use, store, and handle various types of chemicals/fuels in their associated industrial or commercial operations and, therefore, are considered having a "medium" to "high" potential for contamination.

Properties identified in the following databases are generally considered as having a "high" potential for contamination due to the manufacturing processes, material usage, storage, and handling activities involved. The properties/areas that are identified in these ERIS databases are presented on Figure 3 and summarized in Tables 1 and 4.

- ANDR and WDSH databases including landfill, dump, and/or waste receiver sites.
- SCT database for manufacturing facilities.

In addition, properties that are or were used for industrial purposes and/or where the MECP defined PCAs are or were conducted are considered as having a "high" potential for contamination.

The properties listed in the ERIS databases for commercial uses (except for those discussed earlier, which are considered as having a "high" potential) are generally considered as having a "medium" potential for contamination, unless evidence suggests a "high" or "low" potential.

Listings in the SPL and PINC databases are spills/release incidents reported to the regulatory agencies. Depending on the nature of these spills, some incidents may represent a relatively high potential for soil and or groundwater contamination. Releases to air, such as natural gas leaks, are unlikely to result in soil or groundwater contamination. Oil spills released directly to catch basins or watercourses that may result in surface water contamination are possibly restricted to the sewer system and less likely to impact soil and groundwater. In addition, spills of small quantities (less than 25 L) are unlikely to cause significant impacts to soil and groundwater. Based on the review of the detailed spill records, a total of two spills records associated with two property locations were considered significant and may have an environmental impact to the soil and groundwater quality within the study area. These records are listed in Table 8.

ERIS provides a listing of unplottable records, which are records shown up during the database search however not geocoded due to lack of sufficient data on their exact locations. Matrix has reviewed these unplottable records and four unplottable records that were considered potentially significant are summarized and discussed in Table 9. None of the spills could be located or have potential to impact soil and/or groundwater quality in the study area.

4.2 MECP Well Records

Potable water in the vicinity of the study area is municipally serviced with water from a surface water source (i.e., Lake Ontario). According to the MECP WWIS database (MECP 2021a), there are no existing

private potable water wells or water supply wells within the study area. There are no municipal water supply wells or their associated Wellhead Protection Areas located within the study area.

There are a number of observation/monitoring wells and test holes within the study area. Geological information collected from a review of the MECP well records is discussed in Section 2.4.

4.3 Technical Standards and Safety Authority

Technical Standards and Safety Authority (TSSA) Fuels Safety Division was requested in July and August 2021 to search their database for registered fuel storage tanks for selected properties within the study area. Selected properties were based on a review of the historical information and included industrial and commercial properties that may have a potential for the presence of a fuel storage tank. Responses from July 9 and 12, 2021, and August 4, 2021, indicated that the properties did not have any records of expired or active underground fuel storage. A copy of the correspondence is attached in Appendix C. Additionally, Matrix Solutions retained ERIS to provide information from additional fuel storage databases which covered the entire study area (see Section 4.4 for details).

4.4 Aerial Photographs

Matrix reviewed historical aerial photographs obtained from ERIS and available for the study area for the years 1931, 1946, and 1965. In addition, aerial photographs dated 1975, 1985, 1997, 2005, 2010, and 2015 obtained from the City's online interactive mapping (City of Mississauga 2021a) were also reviewed. Copies of aerial photographs from ERIS are provided in Appendix D. Images from the City's online mapping are not provided due to copyright limitations.

The aerial photograph review was conducted primarily to provide a general development history of the area, to verify the historical land uses and any changes in land uses, and to help identify the likelihood of potential contamination in relation to the properties within the study area. Information collected from the aerial photograph review is limited to some readily visible major features (such as buildings, parking and material storage areas, and large aboveground storage tanks [ASTs]); actual activities on specific properties may not be positively identified due to the quality and relatively small scale of the aerial photographs.

A summary of the aerial photographs is summarized in Table B.

TABLE B Aerial Imagery Summary

Year	Site and General Study Area	Commercial/Industrial Development/Redevelopment		
1931	Lakeshore Road, Canadian National Railway (CN) rail line and local streets are visible in the photograph. The area is generally developed, with mostly residential properties with possible commercial business along the streets.	Ground disturbance is observed in the area of the former Port Credit Memorial Park landfill site (Property ID #1) Possible commercial activities are observed along the streets. However detailed activities could not be confirmed due to the quality of the photograph.		
1946	Further residential and some commercial/industrial developments are seen in the study area.	Large areas of ground disturbance are observed on the former Port Credit Memorial Park landfill site (Property ID #1), indicating possible landfilling activities. Large areas of ground disturbance are observed along the east side of the Credit River north of the CN rail line (Property ID #24), indicating possible landfilling activities.		
1965	Further residential and commercial developments are seen north of Lakeshore Road.	Ground disturbance is not observed along the east side of Credit River north of the CN rail line (Property ID #24). Industrial developments are seen north side of Queen Street West between Wesley Avenue and Mississauga Road North, and to the west of Queen Street West and Wesley Avenue. Commercial/industrial developments are seen along the west side of the Credit River on the east side of Front Street North (Property IDs #2 and #17). The Port Credit Arena is observed at 40 Stavebank Road (Property ID #21).		
1975	The study area appears well developed with mostly residential properties to the north of the CN rail line. Mixed residential, commercial, and industrial developments are seen south of the CN rail line.	Ground disturbance is not observed at the former Port Credit Memorial Park landfill site (Property ID #1), indicating the landfill was closed. A large building (similar to the current shape and dimensions) is observed at 30 John Street North (Property ID #16).		
1985	No significant visible changes were noted other than further development of the area.			
1997	No significant visible changes were noted other than further development of the area.	The Port Credit Library (Property ID #1) has been developed.		
2005, 2010 and 2015	No significant visible changes were noted other than further development of the area. The study area appears similar to the current conditions.	No significant visible changes were noted. The study area looks similar to the current conditions.		

4.5 Fire Insurance Plans

Matrix identified two industrial areas within the study area for the search of Fire Insurance Products (FIPs) by Opta Information Intelligence. Opta conducted the records search within a 250 m search radius of the provided addresses (40 Stavebank Road and 10 Queen Street West). A copy of the available FIPs found by the search is provided in Appendix E. A summary of the FIPs is provided further in this section.

Ten firemaps were found for 40 Stavebank Road:

- 1910 Volume: Ontario Miscellaneous Firemap: 1, Port Credit Plan: 1564 (1910), Sheet: 1 (1910)
- 1910 Volume: Port Credit Firemap: 2, Port Credit Plan: 1564 (1910), Sheet: 2 (1910)
- 1928 Volume: Ontario Miscellaneous Firemap: 1, Port Credit Plan: 1565 (1928), Sheet: 1 (1928)
- 1928 Volume: Port Credit Firemap: 2, Port Credit Plan: 1565 (1928), Sheet: 2 (1928)
- 1928 Volume: Port Credit Firemap: 4, Port Credit Plan: 1565 (1928), Sheet: 4 (1928)
- 1928 Volume: Port Credit Firemap: 7, Port Credit Plan: 1565 (1928), Sheet: 7 (1928)
- 1952 Volume: Toronto 19 Firemap: 1905, Toronto Vol. 19 Plan: 2180 (1952), Sheet: 1905 (1952)
- 1952 Volume: Toronto 19 Firemap: 1906, Toronto Vol. 19 Plan: 2180 (1952), Sheet: 1906 (1952)
- 1952 Volume: Toronto 19 Firemap: 1920, Toronto Vol. 19 Plan: 2180 (1952), Sheet: 1920 (1952)
- 1952 Volume: Toronto 19 Firemap: 1921, Toronto Vol. 19 Plan: 2180 (1952), Sheet: 1921 (1952)

The same set of firemaps or FIP reports were found for 10 Queen Street West.

A summary of properties of potential environmental concern (APECs) that were identified during the FIP review is provided in Table C.

TABLE C Properties of Environmental Concern Identified by Fire Insurance Product Review

Property ID No.	Address	Occupant	Potential Environmental Concern/ Potential Contaminating Activities
2	35 Front Street North	Port Credit Sewage Disposal Plant (former) Royal Canadian Legion and Air Cadets (current)	The property is labelled a sewage disposal plant with two settling tanks, one aeration tank, and one digester on the 1920 Fire Insurance Product (FIP) firemap.
12	30 Stavebank Road	Enersource Hydro Mississauga Alectra Utilities Corp.	The property is labelled as an electrical substation with transformers onsite on the 1921 FIP firemap.

4.6 City Directories

Matrix reviewed the city directories available for three industrial areas in the vicinity of 40 Stavebank Road and 10 Queen Street West for the years 1958, 1970-73, 1977-79, 1989, and 2000 (one per decade) obtained from LGI Copy Services Canada (LGICS). The city directories from LGICS are attached as Appendix F.

LGICS would not provide access to information sources due to the circumstances resulting from the COVID-19 pandemic. While all additional measures were undertaken to provide accurate information where possible, some city directory searches yielded no results.

From 1958 to 2000, addresses between 1-35 Queen Street West were a mix of residential, commercial, and industrial properties. Auto garages and tire service companies dating back to 1958-1970/71 were listed in the city directories for this stretch of Queen Street West. The city directories listed Lakeport Metalcraft (a welding and metalworks company) as a former occupant of 10 Queen Street West although it is currently a residential house. Addresses between 15-70 Mississauga Road North were a mix of residential and commercial properties from 1958 to 2000; however, the former occupant of 53 Mississauga Road North was the Port Credit Village of Waterworks Plant in 1958 and a dry-cleaning facility at 49 Mississauga Road North. A former occupant of 40 Stavebank Road, prior to the Port Credit Arena, was Petrosave Inc. (consulting services) in 1989. Addresses on Stavebank Road and Front Street North in the study area were residential and commercial since 1958. In summary, the city directories review confirmed that many of the properties in the study area that are currently industrial or commercial properties have seen no changes in property type from 1958 to 2000.

Properties/areas of potentially environmental concern identified by the review of available city directories are summarized and discussed in Tables 1 to 5.

5 INTERVIEWS

According to the proposed scope of the corridor-wide Limited Phase I ESA scope (i.e., assessment of a large number of properties rather than a single property), interviews were not conducted for any of the properties within the study area.

6 STUDY AREA RECONNAISSANCE

6.1 Drive-by Windshield Survey

Matrix personnel conducted the site visit on June 14, 2021. Selected site visit photographs are included in Appendix G and the general site visit details are provided in Table D.

TABLE D Site Visit Details

Aspect	Details			
Site Assessor	Chloe Zhang, M.A.Sc., P. Geo., QP _{ESA}			
	Justine Chin-Cheong, Environmental E.I.T			
Date	June 14, 2021			
Weather	Overcast (in the morning), 19°C			

The site visit included a visual drive-by windshield survey of the properties within the study area. The driving route included the surrounding roads north of Lakeshore Road East between Wesley Avenue and Queen Street East, and local municipal roadways to observe the properties within the study area from public roadways and publicly accessible lands. All local municipal roads within the study area were accessed unless they had restricted access or were residential roads.

Site visit observations included noting any limitations associated with the visit, the presence or absence of buildings and infrastructure on the properties, the potential presence of any hazardous materials or any unidentified substances, the presence of storage containers and tanks, the sources of potable water, and the potential presence of any special attention substances. Photographs and field notes were also taken during the site visit to assist with documenting the observed conditions.

The study area is located in a well-developed area in Mississauga. Land use within the study area includes a mixture of residential (primarily on the north side of the CN rail line) and commercial and industrial properties (primarily on the south side of the CN rail line). The CN rail line runs across the north side of the study area in a west-east direction. Memorial Park is located along the east side of the Credit River, south of the CN rail line. Drilled and dug wells were not observed on the residential properties during the windshield survey.

Properties/areas that have been identified having potential environmental concerns during the site visits have been rated accordingly as "high" and "medium" potential for contamination. These properties/areas of potential environmental concern are summarized and discussed in Table 1 to 5.

6.1.1 Site Visit Limitations

The drive-by inspection did not include any building inspections or on-site property inspections of any of the properties within the study area. Therefore, observations and evaluation of the properties located within the study area by Matrix were limited to features and conditions that were readily visible from publicly accessible roadways.

This Limited Phase I ESA site visit did not include any testing, sampling, or analysis to confirm the presence or absence of potential substances of environmental concern.

7 FINDINGS AND RECOMMENDATIONS

Based on the review of available historical information and observations made during the site visit, 15 properties within the study area have been identified as having a "high" potential for soil and groundwater contamination, including dry cleaning facilities, possible vehicle repair garages, and industrial or manufacturing sites. A list and summary of the properties designated with a "high" potential are provided and described in Table 6. Nine properties within the study area have been identified as having "medium" potential for soil and groundwater contamination and these properties are provided in Table 7. The details of these properties/facilities/areas are summarized in the referenced tables. The remaining properties in the study area, which were never developed or were developed but only used for agricultural, residential, or parkland uses, were rated as having a "low" potential for contamination.

In addition to the properties rated "high" or "medium," two significant spill records (representing two spill locations; SPL-1 and SPL-2) are also considered as having a "high" potential for soil and/or groundwater contamination. The significant spill records are summarized in Table 8.

The properties/areas rated as "high" and "medium" potentials for contamination, significant spill, and historical fill locations represent APECs in the study area and are illustrated on Figure 3. In addition to the APECs shown on Figure 3, potential impacts from de-icing salt applications during winter season and unrecorded spill incidents on the site and other municipal roadways are also considered as potential environmental concern to impact the soil and groundwater quality in the vicinity.

7.1 Limitations

The Limited Phase I ESA was prepared in accordance with the scope described in our proposal to HDR Corporation and the City of Mississauga. Matrix Solutions Inc. has exercised reasonable skill, care, and diligence in assessing the information obtained during the preparation of the Limited Phase I ESA. The findings provided in this report are based upon analysis of documents and records provided by third parties. Matrix has assumed that this information is factual and accurate. Matrix accepts no responsibility for any deficiency, misstatement, or inaccuracy contained in this report as a result of omissions or misinterpretations contained in this information. The scope of work for this Limited Phase I ESA does not

include an intrusive or subsurface investigation for hazardous substances, and therefore, these substances may be present through any of the study area regardless of the assigned contamination ratings.

The report was prepared for HDR Corporation and the City of Mississauga. The report may not be relied upon by any other person or entity without the written consent of Matrix Solutions Inc., HDR Corporation, and the City of Mississauga. Any uses of the report by a third party, or any reliance on decisions made based on it, are the responsibility of that party. Matrix Solutions Inc. is not responsible for damages or injuries incurred by any third party as a result of decisions made or actions taken based on the report.

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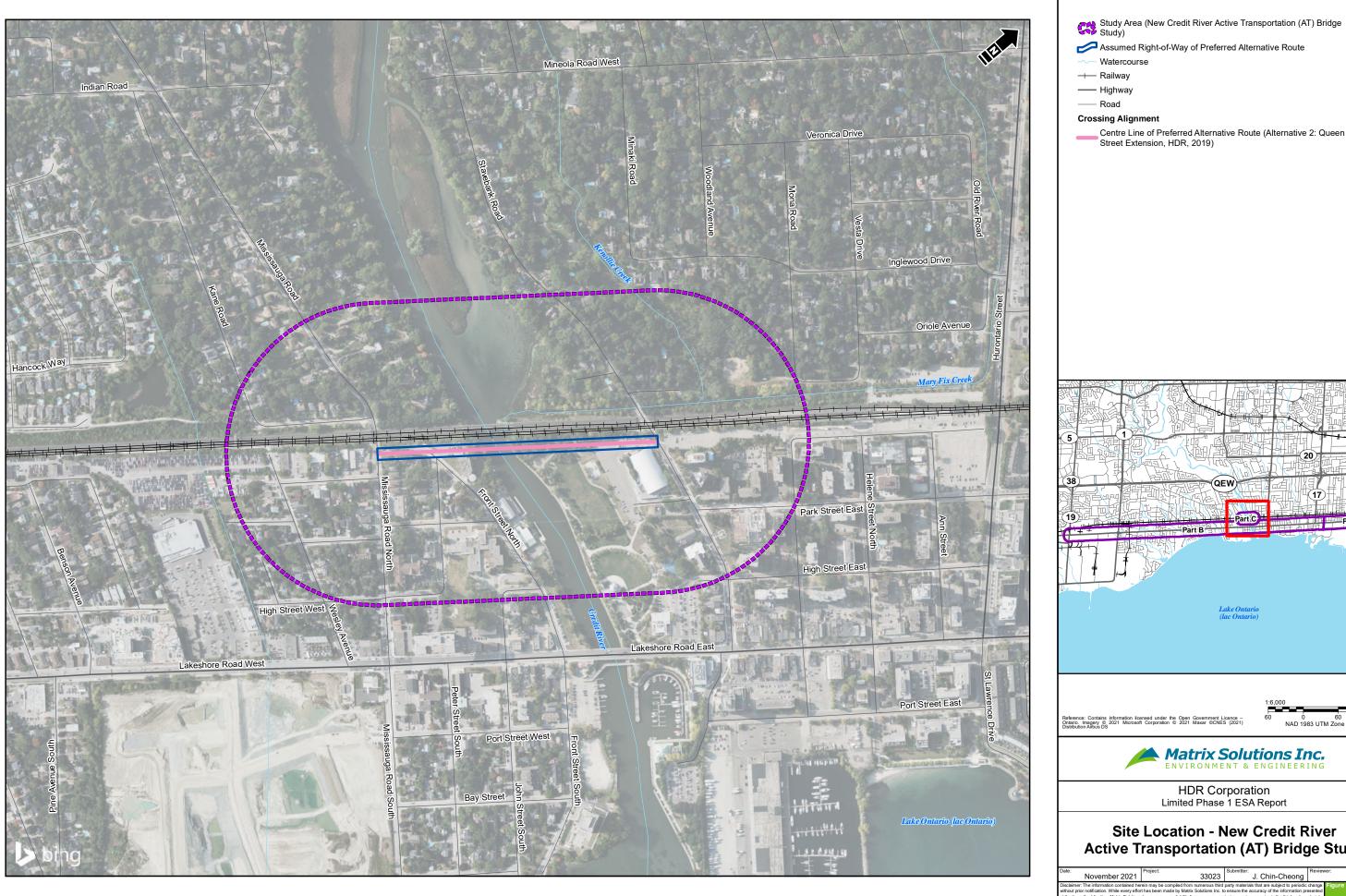
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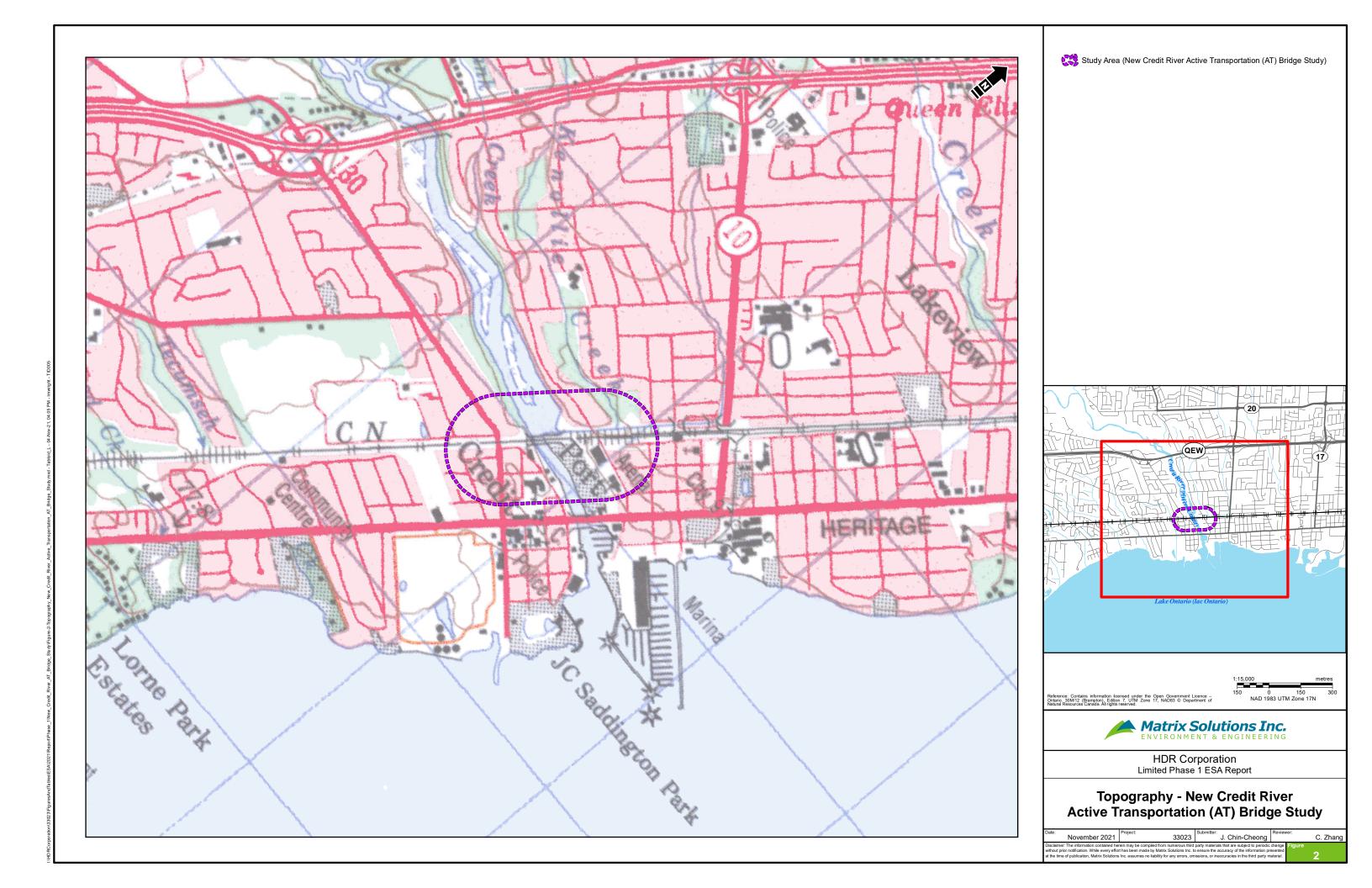
Centre Line of Preferred Alternative Route (Alternative 2: Queen Street Extension, HDR, 2019)

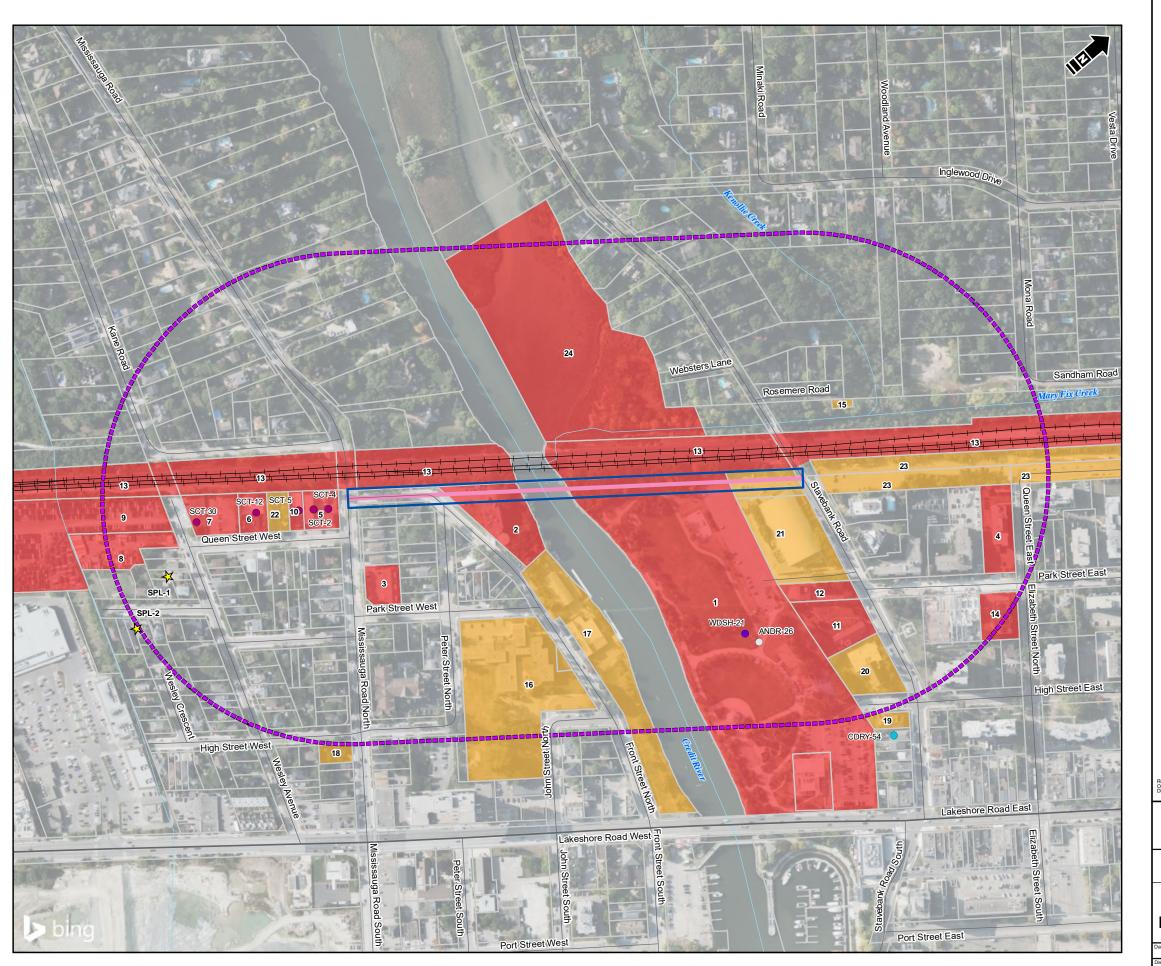




Site Location - New Credit River Active Transportation (AT) Bridge Study

J. Chin-Cheong





Study Area

Property Boundary

Assumed Right-of-Way of Preferred Alternative Route

Watercourse

— Railway

---- Highway

---- Road

Historical Spill Location

Contamination Rating

High Contamination Rating

Medium Contamination Rating

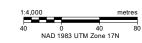
Crossing Alignment

Centre Line of Preferred Alternative Route (Alternative 2: Queen Street Extension, HDR, 2019)

ERIS Database Record

- ANDR: Anderson's Waste Disposal Sites
- CDRY: Dry Cleaning Facilities
- SCT: Scott's Manufacturing Directory
- WDSH: Waste Disposal Sites MOE 1991 Historical Approval Inventory

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HDR Corporation Limited Phase 1 ESA Report

Contamination Ratings Mapping - New Credit River Active Transportation (AT) Bridge Study

November 2021 J. Chin-Cheong 33023

TABLE 1 Summary of Waste Disposal Sites

Property ID No.	Address	Company Name	Information Source	ERIS Key (Map Key Location, Map Key No.)	Waste Disposal Site Details
1	20 and 22 Lakeshore Road East (Toronto Tp Concession 3 (SDS) Lot 6 Former village of Port Credit, on marshland east of Credit River, west of Stavebank Road, north in Memorial Park)	Port Credit Memorial Park, Port Credit Library (current) Memorial Park Dump (former)	ERIS Report	ANDR (8, 1) WDSH (7, 1)	 MOEE records a closed waste disposal site at this location. Evidence suggests dumping occurred between 1940 and the 1960s. Credit River was altered by filling and bank modification between the 1940 air photography and the 1960 air photography. No active ground disturbance visible from the 1970 air photomaps but the area is graded parkland, abutting the river, and appeared to have characteristics consistent with previously completed filling 1996 report of garbage dump in the village of Port Credit, south of Highway 2 to the railway, on the east bank of the Credit River. The site had been a marsh and was filled in the 1960s, it is now a baseball field. WDSH ERIS database record listed the status of the urban municipal/domestic waste was marked as closed in 1960.
2	35 Front Street North	Port Credit Sewage Disposal Plant (former) Royal Canadian Legion and Air Cadets (current)	FIP (1920)/City Directory	N/A	 In the 1920 FIP firemap, the property is labeled a sewage disposal plant with 2 x settling tanks, 1 x aeration tank, and 1 x digester. Based on the city directory review, the Royal Canadian Legion and Air Cadets have been the occupants since 1970/71.
24	North of CN rail along the east side of Credit River	Not Available	Historical Aerial Photograph (1946)	N/A	• Large areas of ground disturbance are observed along the east side of the Credit River north of the CN rail line (Property ID #24) on the 1946 aerial photograph, indicating possible landfilling activities.

Notes:

ANDR - Anderson's Waste Disposal Sites

CN - Canadian National Railway

ERIS - Environmental Risk Information Services

FIP - fire insurance products

MOEE - Ontario Ministry of Energy and Environment (currently the Ontario Ministry of the Environment, Conservation and Parks)

N/A - not applicable

WDSH - Waste Disposal Sites - MOE 1991 Historical Approval Inventory

TABLE 2 Summary of Drying Cleaning Facilities

Property ID No.	Address	Company Name	Information Source	ERIS Key (Map Key Location, Map Key No.)	Dry Cleaning Facility Details
3	49-53 Mississauga Road North	49 - Briarwood Cleaners (current) 53 - Port Credit Village of Waterworks Plant (former - 1958)	City Directory/Site Visit	N/A	 Briarwood Cleaners was observed in Park Place plaza during the site visit. Based on the city directory review, the former occupants at 49 Mississauga Road North include 123 Convenience Store, Briarwood Cleaners, Carac Realty Corporation, Vittorio Hair Studio, White Oaks Realty Ltd. (2000), Bridlewood Cleaners and Leberts Video Entertainments (1989), Lackie's Dairy Bar (1979), Lackie's Record Bar, and West Side Dairy Bar (1970/71 to 1979). Based on the city directory review, the former occupant at 53 Mississauga Road North includes Port Credit Village of Waterworks Plant (1958).
4	28 Elizabeth Street North	Above All Cleaning Services (former - 2000)	City Directory	N/A	Based on the city directory review, the former occupants include Above All Cleaning Services, Dri Tech Systems, and Equipment Locators (2000).

Notes: ERIS - Environmental Risk Information Services N/A - not applicable

 TABLE 3
 Summary of Automobile Repair Garages and Bodyshops

Property ID No.	Address	Company Name	Information Source	ERIS Key (Map Key Location, Map Key No.)	Automobile Repair Garage/Bodyshop Facility Details
5	2-6 Queen Street West	2-4 - H-Do All (current) Auto Glass of Mississauga and Mississauga Auto Trim and Glass (former - 1989 to 2000)	City Directory/Site Visit	N/A	 Based on the city directory review, the former occupants include Auto Glass of Mississauga (2000), Mississauga Auto Trim and Glass (1989 to 2000), A&A Radiator Service (1979), Macali Stonework and May Construction Co Ltd. (1970/71), and Grand Concrete Pipe Co (1958). Finish carpentry cabinet company (H-Do All) was observed on property during the site visit.
6	22 Queen Street West	Auto Safety Centre (current) Good Guys Auto (former - 1989) and Mississauga Auto Trim (former - 1979)	City Directory/Site Visit	N/A	Based on the city directory review, the former occupants include Argon Mechanical & Electrical, Electrical Patagonia Boat Works, Thorium Contracting Ltd (2000), Dyna Steel Fabricator and Good Guys Auto (1989), Active Engine Rebuilding (1979 to 1989), and Mississauga Auto Trim (1979).
7	28-34 Queen Street West	Super Kleen Car Care and Gillespie Car Clinic (former - 1970/71) Elmwood Tire Service Ltd Factor Br (former - 1958) 28 - LV Wraps - vehicle branding to commercial graphics (current) 34 - RooterWorx Mississauga - plumbing services (current) 34 - BMB Process and Packaging Services (current) 34 - Airboat - boat distributor and retailer (current)	City Directory/Site Visit	N/A	 Based on the city directory review, the former occupants at 34 Queen Street West include Super Kleen Car Care (1989), Gillespie Car Clinic (1970/71), and Elmwood Tire Service Ltd Factor Br (1958). Various occupants such as vehicle branding, plumbing, packaging services and a boat distributor and retailor were observed on the property during the site visit.
8	70 Wesley Avenue	Lakefront Motors (current) Westaire Air Conditioning and Heating Ltd. (former)	Site Visit/ERIS Report	GEN (46, 2-5) (47, 1)	 ERIS database record listed waste approval years for the former air conditioning and heating company from 1986-1990, 1992-2001, 2015. Lakefront Motors was observed on property during the site visit.
9	140 Queen Street West	Mopar Garage of Peel Chrysler	Site Visit	NA	 A large number of vehicles were observed parked on the property's parking lot. A google search lists this business as permanently closed.

ERIS - Environmental Risk Information Services
GEN - Ontario Regulation 347 Waste Generators Summary

N/A - not applicable

TABLE 4 Summary of Manufacturing Facilities

Property ID No.	Address	Company Name	Information Source	ERIS Key (Map Key Location, Map Key No.)	Manufacturing Facility Details
5	2-6 Queen Street West	2-4 - H-Do All (current)	ERIS Report/Site Visit	SCT (12, 1)	 SCT: Established 1990. Residential building construction, finish carpentry contractors, and wood kitchen cabinet and countertop manufacturing. Finish carpentry cabinet company observed on property during site visit.
		6-Old Credit Brewing Co. Ltd. (current) and Aldo Lista	ERIS Report/City Directory/Site Visit	SCT (13, 1)	 SCT: Established 1994. Breweries. Based on the city directory review, Old Credit Brewing Co Ltd has been the occupant since at least 2000 and Connors Brewing Co Ltd was listed as the former occupant in 1989. Old Credit Brewing Co. Ltd. building, car garages, and a large parking lot was observed on the property during the site visit.
10	10 Queen Street West	Lakeport Metalcraft (former) Residential house (current)	ERIS Report/City Directory/Site Visit	SCT (16, 1 & 2)	 SCT: Established 1968. Fabricated metal products and all other miscellaneous fabricated metal product manufacturing. Based on the city directory review, Lakeport Metalcraft was the occupant from 1970/71 to 2000. A residential house was observed on the property during the site visit.
6	22 Queen Street West	Active Engine Rebuilding Inc. (former)	ERIS Report/Site Visit	SCT (22, 1) GEN (22, 2-4)	 SCT: Established 1978. Motor vehicle parts and accessories. Waste approval years: 1986-1990, 1992-1998. ERIS database record listed company as out of business. Auto Safety Centre was observed on property during the site visit.
		Studio Woodworking Inc. (former)	ERIS Report	GEN (22, 5)	Waste approval years: 2005
7	28-34 Queen Street West	H-Do All	ERIS Report/City Directory	SCT (33, 1)	 SCT: Established 1990. Residential building construction, finish carpentry and wood flooring work, wood kitchen cabinet and countertop manufacturing. Based on the city directory review, H-Do All has been an occupant since at least 2000.
		28 - Scott Tank Cleaning Co. Ltd. (current) 28 - LV Wraps - vehicle branding to commercial graphics (current) 34 - RooterWorx Mississauga - plumbing services (current) 34 - BMB Process and Packaging Services (current) 34 - Airboat - boat distributor and retailer (current)	ERIS Report/City Directory/Site Visit	GEN (25, 1) (28, 1) (29, 1-5) (33, 2-6) CA (33, 7) ECA (31, 1)	 ERIS database records for Scott Tank Cleaning Co Ltd.: Approved waste management systems. Waste approval years at 28 Queen Street West from 2012-2016, December 2018, October 2019. Waste approval years at 34 Queen Street West from 1986-1990, 1992-2006. Based on the city directory review: Former occupants at 28 Queen Street West include Craigie D Contracting Ltd., Curnews Construction, Felco Fireplace and Mantel, Freestyle Signs Inc., and Rudy's Landscaping (1989). Former occupants at 34 Queen Street West include Barlow Welding Service and Fabrication, Brampton Telephone, Marsica General Welding, Super Kleen Car Care, MacMillan and Wife Disc Jockey Service (1989), Leo's Custom and Carpentry (1979), Gillespie Car Clinic and Western Casing Supply (1970/71), and Elmwood Tire Service Ltd Factor Br (1958). Scott Tank Cleaning Co. Ltd. has been an occupant since at least 1989. Various occupants such as vehicle branding, plumbing, packaging services and a boat distributor and retailor were observed on the property during the site visit.

Notes:

CA - Certificates of Approval

ECA - Environmental Compliance Approval
ERIS - Environmental Risk Information Services
GEN - Ontario Regulation 347 Waste Generators Summary

SCT - Scott's Manufacturing Directory

TABLE 5 Properties with Confirmed Historical Soil and/or Groundwater Contamination

Property ID No.	Address	Company Name	Information Source	ERIS Key (Map Key Location, Map Key No.)	Site Summary
1	20 and 22 Lakeshore Road East	Port Credit Memorial Park, Port Credit Library (formerly Port Credit landfill site)	ERIS, previous environmental reports	ANDR (8, 1)	 The closed Port Credit landfill (MOECC site number 7069) was developed in the early 1950s within the marshlands along Credit River and occupied 6.5 ha in area. The landfill closed in 1960. The former landfill site was redeveloped to a recreational park for local residences (the Memorial Park) which is managed by the City of Mississauga. The former landfill site is currently occupied by two parcels of properties with municipal addresses of 20 Lakeshore Road East (Memorial Park) and 22 Lakeshore Road East (Port Credit Library). Historical groundwater and surface water monitoring results (2004-2005) at the close landfill site indicated: Alkalinity, ammonia, TKN, iron, manganese, boron, and VOCs were elevated in monitoring wells in the refuse zone and downgradient monitoring wells Surface water quality was generally similar from upstream to downstream. Total phosphorus and iron exceeded the Provincial Water Quality Objectives in the surface water samples.

Notes:

ANDR - Anderson's Waste Disposal Sites

ERIS - Environmental Risk Information Services

N/A - Not Applicable

MOECC - Ministry of the Environment and Climate Change (currently the Ministry of the Environment, Conservation and Parks)

VOC - volatile organic compound

TKN - total kjeldahl nitrogen

 TABLE 6
 Properties Designated as High Potential for Contamination

Property ID No.	Address	Occupant/Site Description	Risk Rating Rationale	ERIS Number/ Information Source	PCA No. and Description	PCOCs
1	20 and 22 Lakeshore Road East	Port Credit Memorial Park, Port Credit Library (current) Memorial Park Dump (former)	Waste Management	7/8/Previous Environmental Reports	58: Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	Metals, VOCs, PCBs, PAHs
2	35 Front Street North	Port Credit Sewage Disposal Plant (former) Royal Canadian Legion and Air Cadets (current)	Waste Management	FIP (1920)/City Directory	58: Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	Metals, VOCs, PCBs, PAHs
3	49-53 Mississauga Road North	49 - Briarwood Cleaners (current) 53 - Port Credit Village of Waterworks Plant (former - 1958)	Dry Cleaner	City Directory/Site Visit	37: Operation of Dry-Cleaning Equipment (where chemicals are used)	VOCs
4	28 Elizabeth Street North	Above All Cleaning Services (former - 2000)	Possible former dry-cleaning facility	City Directory	37: Operation of Dry-Cleaning Equipment (where chemicals are used)	VOCs
5	2-6 Queen Street West	2-4 - H-Do All (current) 2 - Auto Glass of Mississauga and Mississauga Auto Trim and Glass (former - 1989 to 2000)	Cabinetry and millwork Auto garage	12/13/City Directory/Site Visit	27: Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	PHCs, VOCs
		6-Old Credit Brewing Co. Ltd. (current) and Aldo Lista				
6	22 Queen Street West	Auto Safety Centre (current) Good Guys Auto (former - 1989) and Mississauga Auto Trim (former - 1979) Active Engine Rebuilding Inc. (former) Studio Woodworking Inc. (former)	Auto garage	22/City Directory/Site Visit	27: Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	PHCs, VOCs
7	28-34 Queen Street West	H-Do All Super Kleen Car Care and Gillespie Car Clinic (former - 1970/71) Elmwood Tire Service Ltd Factor Br (former - 1958) 28 - LV Wraps - vehicle branding to commercial graphics (current) 34 - RooterWorx Mississauga - plumbing services (current) 34 - BMB Process and Packaging Services (current) 34 - Airboat - boat distributor and retailer (current)	Cabinetry and millwork Auto garage Industrial and commercial manufacturing	25/28/29/31/33/City Directory/Site Visit	27: Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles 34: Metal Fabrication	PHCs, VOCs, metals

Property ID No.	Address	Occupant/Site Description	Risk Rating Rationale	ERIS Number/ Information Source	PCA No. and Description	PCOCs
8	70 Wesley Avenue	Lakefront Motors (current) Westaire Air Conditioning and Heating Ltd. (former)	Auto garage Heating and air-conditioning equipment and supplies	46/47, Site Visit	27: Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles 34: Metal Fabrication	PHCs, VOCs, metals
9	140 Queen Street West	Mopar Garage of Peel Chrysler	Auto garage	Site Visit	27: Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles	PHCs, VOCs, metals
10	10 Queen Street West	Lakeport Metalcraft (former) Residential house (current)	Metal products manufacturing	16/City Directory/Site Visit	34: Metal Fabrication	VOCs, metals
11	26 Stavebank Road	Trinity Anglican Church	A cemetery was observed on the property; chemical concerns (i.e., formaldehyde)	City Directory/Site Visit	N/A, cemetery	N/A
12	30 Stavebank Road	Enersource Hydro Mississauga Alectra Utilities Corp. Fire Station (1928-1952)	Electricity generator, transmitter, and distributor Fire fighting training and material storage	15/FIP (1921)	18: Electricity Generation, Transformation and Power Stations 55: Transformer Manufacturing, Processing and Use 23: Fire Retardant Manufacturing, Processing and Bulk Storage 24: Fire Training	PBCs
13	Railway tracks in study area	Canadian National (CN) Rail	The CN Rail tracks run across the north side of the study area in a west-east direction	Site Visit	46: Rail Yards, Tracks and Spurs	PAHs, metals
14	20 Elizabeth Street North and 33 Park Street East	Condo building (current occupant) Sunoco Ltd (former - 1989) Ritamade Consultants (2000)	Possible former gas station	City Directory	28: Gasoline and Associated Products Storage in Fixed Tanks	PHCs, metals
24	North of CN Rail along the east side of Credit River	Currently vacant, possible former landfill site (1946 aerial photograph)	Waste management	N/A	54: Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners	Metals, VOCs, PCBs, PAHs

Notes:

ERIS - Environmental Risk Information Services FIP - fire insurance product

N/A - not applicable
PAH - polycyclic aromatic hydrocarbon
PCA - potentially contaminating activity
PCB - polychlorinated biphenyl
PCOC - potential contaminant of concern

PHC - petroleum hydrocarbon

VOC - volatile organic compound

TABLE 7 Properties Designated as Medium Potential for Contamination

Property ID No.	Address Occupant/Site Description		Risk Rating Rationale	PCOCs	
15	182 Rosemere Road	The Regional Municipality of Peel Sewage Pumping Station	Sewage pumping station.	VOCs	
16	30 John Street North	Riverside Public School (current)	 ERIS database records showed property as a waste generator from 1986 to 2005. Based on the city directory review, the former occupants include Peel Literacy Guilds (2000), Board of Education Riverside (1989), and Riverside Public School (1970/71). Riverside Public School was observed on the property during the site visit. 	PHCs	
17	25-33 Front Street North	25 - Don Rowing Club of Mississauga (current) 31 - Mississauga Canoe Club (current) 33 - Unlisted	 GEN ERIS database record for 25 Front Street North, approval year 2012, listed occupant as City of Mississauga. Based on the city directory review, Don Rowing Club of Mississauga has been the occupant at 25 Front Street North since at least 1989. Based on the city directory review, Mississauga Canoe Club has been the occupant at 31 Front Street North since at least 2000. EHS ERIS database record, custom report listed for 33 Front Street North 	PHCs	
18	18 Mississauga Road North	Terry D. Richardson - Barrister and Solicitor Office (current)	 Based on the city directory review, the former occupants include Mariana's Hairstyling (1989), Art and Beauty Shop (1979), and Diploma Hair Stylist (1970/71). 	PHCs	
19	20 Stavebank Road	Professional Office Building (current)	 Based on the city directory review, the former occupants include Newhouse Travel (1989 to 2000), Onset Construction, Randall Business Systems and Consulting, Special Projects Group, and SPG Inc. (2000), Warren Shepell Consultants Corp. (1989), Ashley Reproductions (1972/73 to 1977/78), and Skinner Archt (1972/73). An office building for various businesses was observed on the property during the site visit. 	PHCs	
20	24 Stavebank Rd	St. Andrew's Presbyterian Church (current)	 Based on the city directory review, the former occupants include Applewood Rainbow Montessori School (1989 to 2000), St. Andrew's Presbyterian Church (1977/78 to 2000), and Glenburnie School (1989). St. Andrew's Presbyterian Church was observed on the property during the site visit. 	PHCs	
21	40 Stavebank Rd	Port Credit Arena	 ERIS database records show a waste generator approval (1989/90/92/93, 97-2008) for petroleum distillates, waste oils and lubricants. An arena was observed on the property during the site visit. Based on the city directory review, the former occupant includes Petrosave Inc. (1989). 	PHCs, VOCs	
22	20 Queen St W	Trailer Storage Yard (current)	Site visit observations.	N/A	
23	30 Queen St E	Port Credit GO Train Station	Site visit observations.	N/A	

EHS - ERIS Historical Searches

ERIS - Environmental Risk Information Services

GEN - Ontario Regulation 347 Waste Generators Summary

PAH - polycyclic aromatic hydrocarbon

PHC - petroleum hydrocarbon

PCOC - potential contaminant of concern VOC - volatile organic compound

TABLE 8 Significant Spill Records of Concern

Spill ID No.	Address	Occupant/Site Description	Incident Date	Spill Description	Possible Medium Impacted	ERIS Key (Map Key Location, Map Key No.)	PCOCs
SPL-1	62 Welsey Avenue	Unknown	2017-06-13	Pipeline incident, pipeline hit ½-inch causing pipeline damage.	Air	PINC (40, 2)	N/A
SPL-2	89 Park Street West	Unknown	2018-05-09	Pipeline incident, pipeline hit ½-inch causing pipeline damage.	Air	PINC (150, 2)	N/A

Notes:

ERIS - Environmental Risk Information Services

PCOC - potential contaminant of concern PINC - Pipeline Incidents

N/A - not applicable

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TABLE 9 Unplottable ERIS Database Records

ERIS Record Details	Risk Rating	ERIS Address/Occupants	Location
Unplottable SPL record from 1995; 75 L of diesel fuel to asphalt, separator, and catch basin.	N/A	Unplottable record; Imperial Oil - Esso Service Station	Cannot be located based on the ERIS record.
Unplottable SPL record from 1995; 30 L of diesel fuel to concrete pad and oil/water separator.	N/A	Unplottable record; Imperial Oil Ltd.	Cannot be located based on the ERIS record.
Unplottable SPL record from 2005; 60 L of diesel fuel to concrete pad, road, and catch basin from equipment failure.	N/A	Unplottable record; Imperial Oil	Cannot be located based on the ERIS record.
Unplottable SPL record from 1990; back entry Canadian National Railway oil, contamination of ground due to equipment failure. Unknown quantity listed.	N/A	Unplottable record; Canadian National Railway	Cannot be located based on the ERIS record.

Notes:

ERIS - Environmental Risk Information Services

N/A - Not Applicable SPL - Ontario Spills

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APPENDIX A List of the Ontario Ministry of the Environment, Conservation and Parks' Potential Contaminating Activities

TABLE A1 List of Ontario Ministry of the Environment, Conservation and Parks' Potentially Contaminating Activities

PCA Number	Potentially Contaminating Activity (PCA)
1.	Acid and Alkali Manufacturing, Processing and Bulk Storage
2.	Adhesives and Resins Manufacturing, Processing and Bulk Storage
3.	Airstrips and Hangars Operation
4.	Antifreeze and De-icing Manufacturing and Bulk Storage
5.	Asphalt and Bitumen Manufacturing
6.	Battery Manufacturing, Recycling and Bulk Storage
7.	Boat Manufacturing
8.	Chemical Manufacturing, Processing and Bulk Storage
9.	Coal Gasification
10.	Commercial Autobody Shops
11.	Commercial Trucking and Container Terminals
12.	Concrete, Cement and Lime Manufacturing
13.	Cosmetics Manufacturing, Processing and Bulk Storage
14.	Crude Oil Refining, Processing and Bulk Storage
15.	Discharge of Brine related to oil and gas production
16.	Drum and Barrel and Tank Reconditioning and Recycling
17.	Dye Manufacturing, Processing and Bulk Storage
18.	Electricity Generation, Transformation and Power Stations
19.	Electronic and Computer Equipment Manufacturing
20.	Explosives and Ammunition Manufacturing, Production and Bulk Storage
21.	Explosives and Firing Range
22.	Fertilizer Manufacturing, Processing and Bulk Storage
23.	Fire Retardant Manufacturing, Processing and Bulk Storage
24.	Fire Training
25.	Flocculants Manufacturing, Processing and Bulk Storage
26.	Foam and Expanded Foam Manufacturing and Processing
27.	Garages and Maintenance and Repair of Railcars, Marine Vehicles and Aviation Vehicles
28.	Gasoline and Associated Products Storage in Fixed Tanks
29.	Glass Manufacturing
30.	Importation of Fill Material of Unknown Quality
31.	Ink Manufacturing, Processing and Bulk Storage
32.	Iron and Steel Manufacturing and Processing
33.	Metal Treatment, Coating, Plating and Finishing
34.	Metal Fabrication
35.	Mining, Smelting and Refining; Ore Processing; Tailings Storage
36.	Oil Production
37.	Operation of Dry-Cleaning Equipment (where chemicals are used)
38.	Ordnance Use
39.	Paints Manufacturing, Processing and Bulk Storage
40.	Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications

PCA Number	Potentially Contaminating Activity (PCA)
41.	Petroleum-derived Gas Refining, Manufacturing, Processing and Bulk Storage
42.	Pharmaceutical Manufacturing and Processing
43.	Plastics (including Fibreglass) Manufacturing and Processing
44.	Port Activities, including Operation and Maintenance of Wharves and Docks
45.	Pulp, Paper and Paperboard Manufacturing and Processing
46.	Rail Yards, Tracks and Spurs
47.	Rubber Manufacturing and Processing
48.	Salt Manufacturing, Processing and Bulk Storage
49.	Salvage Yard, including automobile wrecking
50.	Soap and Detergent Manufacturing, Processing and Bulk Storage
51.	Solvent Manufacturing, Processing and Bulk Storage
52.	Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems
53.	Tannery
54.	Textile Manufacturing and Processing
55.	Transformer Manufacturing, Processing and Use
56.	Treatment of Sewage equal to or greater than 10,000 litres per day
57.	Vehicles and Associated Parts Manufacturing
58.	Waste Disposal and Waste Management, including thermal treatment, landfilling and transfer of waste, other than use of biosoils as soil conditioners
59.	Wood Treating and Preservative Facility and Bulk Storage of Treated and Preserved Wood Products

Source: Table 2 Potentially Contaminating Activities, Schedule D of Ontario Regulation 153/04, as amended

APPENDIX B

Environmental Risk Information Service Report for New Credit River Active Transportation (AT) Bridge Study



Project Property: Mississauga Lakeshore EA Part C

Mississauga Lakeshore EA Part C

Mississauga ON

Project No: 32259

Report Type: Quote - Custom-Build Your Own Report

Order No: 21010600151

Requested by: Matrix Solutions Inc.

Date Completed: June 9, 2021

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Executive Summary

Property Information:

Project Property: Mississauga Lakeshore EA Part C

Mississauga Lakeshore EA Part C Mississauga ON

Order No: 21010600151

Project No: 32259

Order Information:

Order No: 21010600151
Date Requested: January 6, 2021
Requested by: Matrix Solutions Inc.

Report Type: Quote - Custom-Build Your Own Report

Historical/Products:

Aerial Photographs Aerials - National Collection

Excel Add-On Excel Add-On

Executive Summary: Report Summary

Database	Name	Searched	Project Property
AAGR	Abandoned Aggregate Inventory	Y	0
AGR	Aggregate Inventory	Y	0
AMIS	Abandoned Mine Information System	Y	0
ANDR	Anderson's Waste Disposal Sites	Y	1
AST	Aboveground Storage Tanks	Y	0
AUWR	Automobile Wrecking & Supplies	Y	0
BORE	Borehole	Ν	-
CA	Certificates of Approval	Y	8
CDRY	Dry Cleaning Facilities	Y	0
CFOT	Commercial Fuel Oil Tanks	Y	0
CHEM	Chemical Manufacturers and Distributors	Y	0
CHM	Chemical Register	Y	0
CNG	Compressed Natural Gas Stations	Y	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0
CONV	Compliance and Convictions	Y	0
CPU	Certificates of Property Use	Y	0
DRL	Drill Hole Database	Ν	-
DTNK	Delisted Fuel Tanks	Y	0
EASR	Environmental Activity and Sector Registry	Y	3
EBR	Environmental Registry	Y	0
ECA	Environmental Compliance Approval	Y	5
EEM	Environmental Effects Monitoring	Y	0
EHS	ERIS Historical Searches	Y	20
EIIS	Environmental Issues Inventory System	Y	0
EMHE	Emergency Management Historical Event	Y	0
EPAR	Environmental Penalty Annual Report	Y	0
EXP	List of Expired Fuels Safety Facilities	Y	0
FCON	Federal Convictions	Y	0
FCS	Contaminated Sites on Federal Land	Y	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Υ	0
FST	Fuel Storage Tank	Y	0
FSTH	Fuel Storage Tank - Historic	Y	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	59
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0
HINC	TSSA Historic Incidents	Y	0

Database	Name	Searched	Project Property
IAFT	Indian & Northern Affairs Fuel Tanks	Υ	0
INC	Fuel Oil Spills and Leaks	Υ	0
LIMO	Landfill Inventory Management Ontario	Υ	0
MINE	Canadian Mine Locations	Υ	0
MNR	Mineral Occurrences	Υ	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0
NCPL	Non-Compliance Reports	Y	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0
NDSP	National Defense & Canadian Forces Spills	Υ	0
NDWD	National Defence & Canadian Forces Waste Disposal	Y	0
NEBI	Sites National Energy Board Pipeline Incidents	Y	1
NEBP	National Energy Board Wells	Υ	0
NEES	National Environmental Emergencies System (NEES)	Υ	0
NPCB	National PCB Inventory	Υ	0
NPRI	National Pollutant Release Inventory	Υ	0
OGWE	Oil and Gas Wells	Υ	0
OOGW	Ontario Oil and Gas Wells	Υ	0
OPCB	Inventory of PCB Storage Sites	Y	0
ORD	Orders	Y	0
PAP	Canadian Pulp and Paper	Y	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0
PES	Pesticide Register	Υ	0
PINC	Pipeline Incidents	Υ	3
PRT	Private and Retail Fuel Storage Tanks	Υ	0
PTTW	Permit to Take Water	Υ	0
REC	Ontario Regulation 347 Waste Receivers Summary	Υ	0
RSC	Record of Site Condition	Υ	0
RST	Retail Fuel Storage Tanks	Υ	0
SCT	Scott's Manufacturing Directory	Υ	7
SPL	Ontario Spills	Υ	14
SRDS	Wastewater Discharger Registration Database	Υ	0
TANK	Anderson's Storage Tanks	Υ	0
TCFT	Transport Canada Fuel Storage Tanks	Υ	0
VAR	Variances for Abandonment of Underground Storage Tanks	Υ	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	1
WWIS	Water Well Information System	N	-
		Total:	122

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Page Number
1	EHS		Websters Ln Mississauga ON L5G	<u>35</u>
1	EHS		Websters Ln Mississauga ON L5G	<u>35</u>
<u>2</u>	GEN	MISSISSAUGA HYDRO (PCB)	RIVERSIDE PUBLIC SCHOOL(FRONT ST.) C/O 3240 MAVIS ROAD MISSISSAUGA ON L5C 3K1	<u>35</u>
<u>2</u>	GEN	MISSISSAUGA HYDRO (PCB) 00-000	RIVERSIDE PUBLIC SCHOOL(FRONT ST.) C/O 3240 MAVIS ROAD MISSISSAUGA ON L5C 3K1	<u>35</u>
<u>2</u>	GEN	City of Mississauga	25 Front Street North Mississauga ON	<u>35</u>
<u>3</u>	NEBI	TransCanada PipeLines Limited	Mississauga ON	<u>36</u>
4	GEN	PEEL BOARD OF EDUCATION	RIVERSIDE PUBLIC SCHOOL 30 JOHN ST. NORTH MISSISSAUGA ON L5H 2E8	<u>37</u>
<u>4</u> .	GEN	PEEL BOARD OF EDUCATION 30-290	RIVERSIDE PUBLIC SCHOOL 30 JOHN ST. NORTH MISSISSAUGA ON L5H 2E8	<u>37</u>
<u>4</u> .	GEN	PEEL DISTRICT SCHOOL BOARD	RIVERSIDE PUBLIC SCHOOL 30 JOHN ST. NORTH MISSISSAUGA ON L5H 2E8	<u>37</u>

Map Key	DB	Company/Site Name	Address	Page Number
<u>4</u>	GEN	PEEL DISTRICT SCHOOL BOARD	RIVERSIDE PUBLIC SCHOOL 30 JOHN STREET NORTH MISSISSAUGA ON L5H 2E8	<u>38</u>
<u>4</u>	GEN	PEEL DISTRICT SCHOOL BOARD	30 John Street North Mississauga ON L5H 2E8	<u>38</u>
<u>5</u>	EHS		33 Front Street North Mississauga ON L5H 2E1	<u>38</u>
<u>6</u>	GEN	MISSISSAUGA, CITY OF	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8	<u>39</u>
<u>6</u>	GEN	MISSISSAUGA, CITY OF 25- 599	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8	<u>39</u>
<u>6</u>	GEN	MISSISSAUGA, CITY OF	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8	<u>39</u>
<u>6</u>	GEN	MISSISSAUGA, CITY OF	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8	<u>40</u>
<u>6</u>	GEN	MISSISSAUGA, CITY OF	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8	<u>40</u>
<u>6</u>	GEN	MISSISSAUGA, CITY OF	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8	<u>40</u>

Map Key	DB	Company/Site Name	Address	Page Number
<u>6</u>	GEN	MISSISSAUGA, CITY OF	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON	41
<u>6</u>	SPL	Port Credit Memorial Arena	40 Stavebank Road Mississauga ON	41
<u>6</u>	GEN	MISSISSAUGA, CITY OF	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8	<u>42</u>
<u>6</u>	GEN	MISSISSAUGA, CITY OF	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8	<u>42</u>
<u>6</u>	GEN	MISSISSAUGA, CITY OF	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8	<u>42</u>
<u>6</u>	GEN	MISSISSAUGA, CITY OF	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8	<u>43</u>
<u>6</u>	GEN	MISSISSAUGA, CITY OF	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8	<u>43</u>
<u>6</u>	SPL	Port Credit Memorial Arena	40 Stavebank Road Mississauga ON	<u>43</u>
<u>6</u>	GEN	MISSISSAUGA, CITY OF	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8	<u>44</u>
<u>7</u> .	WDSH		6 3 SDS MISSISSAUGA ON	<u>44</u>

Map Key	DB	Company/Site Name	Address	Page Number
<u>8</u>	ANDR	Memorial Pk Dump	Mississauga ON L5G	<u>45</u>
9	SPL	PRIVATE RESIDENCE	1171 STAVE BANK RD. FURNACE OIL TANK MISSISSAUGA CITY ON	<u>45</u>
<u>10</u>	SPL	CANADIAN NATIONAL RAILWAY	MISSISSAUGA RD AND KANE ROAD TRAIN MISSISSAUGA CITY ON	<u>46</u>
<u>11</u>	SPL	UNKNOWN	CREDIT RIVER 1204 STAVEBANK RD. MISSISSAUGA CITY ON L5G 2V2	<u>46</u>
<u>12</u>	SCT	H-Do All	2 Queen St W Mississauga ON L5H 1L4	<u>47</u>
<u>13</u>	SCT	Old Credit Brewing Co. Ltd.	6 Queen St W Mississauga ON L5H 1L4	<u>47</u>
<u>13</u>	SCT	ALDO LISTA	6 Queen St W Mississauga ON L5H 1L4	<u>47</u>
14	EHS		29 Mississauga Rd N Mississauga ON L5H2H7	<u>48</u>
<u>15</u>	GEN	HYDRO MISSISSAUGA	30 STAVEBANK RD. C/O 3240 MAVIS ROAD MISSISSAUGA ON L5G 2T5	<u>48</u>

Map Key	DB	Company/Site Name	Address	Page Number
<u>15</u>	GEN	MISSISSAUGA HYDRO	30 STAVEBANK RD. C/O 3240 MAVIS ROAD MISSISSAUGA ON L5G 2T5	<u>48</u>
<u>15</u>	GEN	MISSISSAUGA HYDRO 25-460	30 STAVEBANK RD. C/O 3240 MAVIS ROAD MISSISSAUGA ON L5G 2T5	<u>49</u>
<u>15</u>	GEN	MISSISSAUGA HYDRO	30 STAVEBANK ROAD MISSISSAUGA ON L5G 2T5	<u>49</u>
<u>15</u>	GEN	ENERSOURCE HYDRO MISISSAUGA	30 STAVEBANK ROAD MISSISSAUGA ON L5G 2T5	<u>49</u>
<u>15</u>	GEN	MISS.HYDRO (SEE&USE ON0124328)	30 STAVEBANK RD. MISSISSAUGA C/O 3240 MAVIS ROAD MISSISSAUGA ON L5G 2T5	<u>49</u>
<u>15</u>	GEN	MISSISSAUGA HYDRO	30 STAUEBANK ROAD MISSISSAUGA ON L5C 3K1	<u>50</u>
<u>15</u>	GEN	ENERSOURCE HYDRO MISISSAUGA	30 STAVEBANK ROAD MISSISSAUGA ON	<u>50</u>
<u>15</u>	EHS		30 Stavebank Rd Mississagua ON L5G 2T5	<u>50</u>
<u>15</u>	GEN	ENERSOURCE HYDRO MISISSAUGA	30 STAVEBANK ROAD MISSISSAUGA ON L5G 2T5	<u>50</u>
<u>15</u>	GEN	ENERSOURCE HYDRO MISISSAUGA	30 STAVEBANK ROAD MISSISSAUGA ON L5G 2T5	<u>51</u>

Map Key	DB	Company/Site Name	Address	Page Number
<u>15</u>	GEN	ENERSOURCE HYDRO MISISSAUGA	30 STAVEBANK ROAD MISSISSAUGA ON L5G 2T5	<u>51</u>
<u>15</u>	GEN	ENERSOURCE HYDRO MISISSAUGA	30 STAVEBANK ROAD MISSISSAUGA ON L5G 2T5	<u>51</u>
<u>15</u>	GEN	Alectra Utilities Corp	30 Stavebank Road Mississauga ON L5G 2T9	<u>52</u>
<u>15</u>	GEN	Alectra Utilities Corp	30 Stavebank Road Mississauga ON L5G 2T9	<u>52</u>
<u>15</u>	GEN	Alectra Utilities Corp	30 Stavebank Road Mississauga ON L5G 2T9	<u>52</u>
<u>16</u>	SCT	LAKEPORT METALCRAFT	10 QUEEN ST W PORT CREDIT ON L5H 1L4	<u>52</u>
<u>16</u>	SCT	Lakeport Metalcraft	10 Queen St W Mississauga ON L5H 1L4	<u>53</u>
<u>17</u>	EASR	THE REGIONAL MUNICIPALITY OF PEEL	182 ROSEMERE RD MISSISSAUGA ON L5G 1S4	<u>53</u>
<u>17</u>	ECA	The Regional Municipality of Peel	182 Rosemere Rd Mississauga ON L6T 4B9	<u>53</u>

Map Key	DB	Company/Site Name	Address	Page Number
<u>17</u>	EASR	THE REGIONAL MUNICIPALITY OF PEEL	182 ROSEMERE RD MISSISSAUGA ON L5G 1S4	<u>53</u>
18	SPL	PETRO-CANADA	39 STAVEVANK RD. MISSISSAUGA REFINERY/LUBRICANTS CENTRE 385 SOUTHDOWN ROAD MISSISSAUGA CITY ON	<u>54</u>
<u>19</u>	EHS		29 Mississauga Road North Mississauga ON L5H 2H7	<u>54</u>
<u>20</u>	SPL	The Regional Municipality of Peel	70 Park St West Mississauga ON	<u>54</u>
<u>21</u>	CA	R.M. OF PEEL	182 ROSEMERE RD. SEW. P.S. MISSISSAUGA CITY ON	<u>5</u>
<u>21</u>	CA	R.M. OF PEEL	182 ROSEMERE RD. SEW P.S. MISSISSAUGA CITY ON	<u>55</u>
<u>21</u>	CA	R.M. OF PEEL	182 ROSEMERE RD. SEWAGE P.S. MISSISSAUGA CITY ON	<u>55</u>
<u>21</u>	СА	R.M. OF PEEL	182 ROSEMERE RD. SEW. P.S. MISSISSAUGA CITY ON	<u>56</u>
<u>22</u>	SCT	ACTIVE ENGINE REBUILDING INC	22 QUEEN ST W UNIT 3 MISSISSAUGA ON L5H 1L4	<u>56</u>
<u>22</u>	GEN	ACTIVE ENGINE	22 QUEEN ST. MISSISSAUGA ON L5H 1L4	<u>56</u>

Map Key	DB	Company/Site Name	Address	Page Number
<u>22</u>	GEN	ACTIVE ENGINE (OUT OF BUS)	22 QUEEN ST. MISSISSAUGA ON L5H 1L4	<u>57</u>
<u>22</u> ·	GEN	ACTIVE ENGINE 01-227	22 QUEEN ST. MISSISSAUGA ON L5H 1L4	<u>57</u>
22	GEN	STUD WOODWORKING INC	22 QUEEN ST WEST UNIT #3 MISSISSAUGA ON L5H 1L4	<u>57</u>
<u>23</u>	SPL	Enersource Hydro Mississauga Inc.	1162 Mississauga Road Mississauga ON	<u>58</u>
<u>24</u>	CA		1173, 1179 and 1193 Mississauga Road Mississauga ON	<u>58</u>
<u>25</u>	GEN	SCOTT TANK CLEANING CO. LTD	28 Quenn st. west unit 1 mississauga ON L1T 3L8	<u>58</u>
<u>26</u>	ECA	1445631 Ontario Inc.	1173, 1179 and 1193 Mississauga Road Mississauga ON L6J 3S7	<u>59</u>
<u>27</u>	GEN	MISSISSAUGA HYDRO PCB	12 PARK ST. EAST C/O 3355 MAVIS RD. MISSISSAUGA ON L5G 1L5	<u>59</u>
<u>27</u>	GEN	MISSISSAUGA HYDRO PCB 00-000	12 PARK ST. EAST C/O 3355 MAVIS RD. MISSISSAUGA ON L5G 1L5	<u>59</u>

Map Key	DB	Company/Site Name	Address	Page Number
28	GEN	SCOTT TANK CLEANING CO. LTD	28 Quenn st. west unit 1 mississauga ON L1T 3L8	<u>59</u>
<u>29</u>	GEN	SCOTT TANK CLEANING CO. LTD	28 Quenn st. west unit 1 mississauga ON	<u>60</u>
<u>29</u>	GEN	SCOTT TANK CLEANING CO. LTD	28 Quenn st. west unit 1 mississauga ON	<u>60</u>
<u>29</u>	GEN	SCOTT TANK CLEANING CO. LTD	28 Quenn st. west unit 1 mississauga ON L1T 3L8	<u>60</u>
<u>29</u>	GEN	SCOTT TANK CLEANING CO. LTD	28 Quenn st. west unit 1 mississauga ON L1T 3L8	<u>60</u>
<u>29</u>	GEN	SCOTT TANK CLEANING CO. LTD	28 Quenn st. west unit 1 mississauga ON L1T 3L8	<u>61</u>
<u>30</u>	EASR	EDENSHAW PARK DEVELOPMENTS LIMITED	21 Park ST E Mississauga ON L5G 1L7	<u>61</u>
<u>31</u>	ECA	Scott Tank Cleaning Company Limited	34 Queen St W Mississauga ON L5H 1L4	<u>61</u>
<u>32</u>	EHS		1142 Mona Road Mississauga ON	<u>62</u>
<u>33</u>	SCT	H-DO ALL	34 QUEEN ST W UNIT 3 MISSISSAUGA ON L5H 1L4	<u>62</u>

Map Key	DB	Company/Site Name	Address	Page Number
<u>33</u>	GEN	SCOTT TANK CLEANING CO. LTD.	34 QUEEN STREET WEST UNIT 3 MISSISSAUGA ON L5H 1L4	<u>62</u>
<u>33</u>	GEN	SCOTT TANK CLEANING CO LTD	34 QUEEN STREET WEST UNIT 3 MISSISSAUGA ON L5H 1L4	<u>63</u>
<u>33</u>	GEN	SCOTT TANK CLEANING CO. LTD. 34-137	34 QUEEN STREET WEST UNIT 3 MISSISSAUGA ON L5H 1L4	<u>63</u>
<u>33</u>	GEN	SCOTT TANK CLEANING COMPANY LIMITED	34 QUEEN STREET WEST UNIT 3 MISSISSAUGA ON L5H 1L4	<u>64</u>
<u>33</u>	GEN	SCOTT TANK CLEANING COMPANY LIMITED	34 QUEEN STREET WEST UNIT 4 MISSISSAUGA ON L5H 1L4	<u>64</u>
<u>33</u>	CA	Scott Tank Cleaning Company Limited	34 Queen Street West Mississauga ON	<u>65</u>
<u>34</u>	EHS		27 Park St E Mississauga ON L5G1L7	<u>66</u>
<u>35</u>	PINC	PIPELINE HIT - 1"	162 INGLEWOOD DRIVE,,MISSISSAUGA,ON,L5G 1Y1,CA ON	<u>66</u>
<u>35</u>	SPL	Enbridge Gas Distribution Inc.	162 Inglewood Drive Mississauga ON	<u>66</u>

Map Key	DB	Company/Site Name	Address	Page Number
<u>36</u>	CA	R.M. OF PEEL	QUEEN ST.W/WESLEY AVE. MISSISSAUGA CITY ON	<u>67</u>
<u>36</u>	CA	R.M. OF PEEL	QUEEN ST.W/WESLEY AVE. MISSISSAUGA CITY ON	<u>67</u>
<u>37</u>	SPL	Enbridge Gas Distribution Inc.	26 Park Street Mississauga ON	<u>67</u>
<u>37</u>	PINC	ENBRIDGE GAS INC	26 PARK ST E,,MISSISSAUGA,ON,L5G 1L6,CA ON	<u>68</u>
<u>37</u>	EHS		26 Park Street East Mississauga ON L5G 1L6	<u>68</u>
38	EHS		92, 94, and 96 Park Street with 250 Lake Shore Road West(Part 3 only) Mississauga ON	<u>69</u>
<u>39</u>	ECA	Joseph Batty	Mississauga ON L5H 2J1	<u>69</u>
<u>39</u>	ECA	Joseph Batty	Mississauga ON L5H 2J1	<u>69</u>
<u>40</u>	SPL	Enbridge Gas Distribution Inc.	62 Wesley Ave. Mississauga ON	<u>69</u>
<u>40</u>	PINC	PIPELINE HIT 1/2"	62 WELSEY AVE,,MISSISSAUGA,ON,L5H 2M9,CA ON	<u>70</u>

Map Key	DB	Company/Site Name	Address	Page Number
<u>41</u>	EHS		87 Park Street West Mississauga ON L5H 1L2	<u>70</u>
42	EHS		28 Elizabeth Street North Mississauga ON L5G 2Z6	<u>71</u>
42	SPL	Compten Management Inc.	28 Elizabeth Street North Mississauga ON	<u>71</u>
<u>42</u>	EHS		28 Elizabeth St N Mississauga ON L5G 2Z6	<u>71</u>
<u>43</u>	EHS		28 Elizabeth St N Mississauga ON L5G 2Z6	<u>71</u>
<u>43</u>	EHS		28 Elizabeth St N Mississauga ON L5G 2Z6	<u>72</u>
<u>43</u>	EHS		28 Elizabeth St N Mississauga ON L5G 2Z6	<u>72</u>
44	SPL	Regional Municipality of Peel	Elizabeth St. and Park St. Mississauga ON	<u>72</u>
<u>45</u>	EHS		23 Elizabeth Street North Mississauga ON L5G 2Z4	<u>73</u>

Map Key	DB	Company/Site Name	Address	Page Number
45	EHS		23 Elizabeth Street North Mississauga ON L5G 2Z4	<u>73</u>
<u>45</u>	EHS		23 Elizabeth Street North Mississauga ON L5G 2Z4	<u>73</u>
<u>45</u>	EHS		23 Elizabeth Street North Mississauga ON L5G 2Z4	<u>73</u>
<u>46</u>	SPL	PLANT PRODUCTS CO. LTD.	70 WESLEY AVE. MISSISSAUGA CITY ON L5H 2M9	<u>73</u>
46	GEN	WESTAIRE AIRCOND & HEATING LTD.	70 WESLEY AVE. MISSISSAUGA ON L5H 2M9	<u>74</u>
<u>46</u>	GEN	WESTAIRE AIR CONDITIONING & HEATING LTD	70 WESLEY AVENUE MISSISSAUGA ON L5H 2M9	<u>74</u>
46	GEN	WESTAIRE AIRCOND & HEATING LTD. 42-189	70 WESLEY AVE. MISSISSAUGA ON L5H 2M9	<u>74</u>
<u>46</u>	GEN	WESTAIRE AIR CONDITIONING & HEATING LTD.	70 WESLEY AVENUE MISSISSAUGA ON L5H 2M9	<u>75</u>
<u>47</u>	GEN	ANTORISA INVESTMENTS LTD.	70 WESLEY AVENUE MISSISSAUGA ON L5H 2M9	<u>75</u>

Executive Summary: Summary By Data Source

ANDR - Anderson's Waste Disposal Sites

A search of the ANDR database, dated 1860s-Present has found that there are 1 ANDR site(s) within approximately 0.00 kilometers of the project property.

<u>Site</u>	<u>Address</u>	Distance (m)	<u>Map Key</u>
Memorial Pk Dump		0.0	8
	Mississauga ON L5G		_

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 8 CA site(s) within approximately 0.00 kilometers of the project property.

Site R.M. OF PEEL	Address 182 ROSEMERE RD. SEW P.S. MISSISSAUGA CITY ON	Distance (m) 0.0	<u>Map Key</u> <u>21</u>
R.M. OF PEEL	182 ROSEMERE RD. SEWAGE P.S. MISSISSAUGA CITY ON	0.0	<u>21</u>
R.M. OF PEEL	182 ROSEMERE RD. SEW. P.S. MISSISSAUGA CITY ON	0.0	<u>21</u>
R.M. OF PEEL	182 ROSEMERE RD. SEW. P.S. MISSISSAUGA CITY ON	0.0	<u>21</u>
	1173, 1179 and 1193 Mississauga Road Mississauga ON	0.0	<u>24</u>
Scott Tank Cleaning Company Limited	34 Queen Street West Mississauga ON	0.0	<u>33</u>
R.M. OF PEEL	QUEEN ST.W/WESLEY AVE. MISSISSAUGA CITY ON	0.0	<u>36</u>

<u>Site</u>	<u>Address</u>	Distance (m)	<u>Map Key</u>
R.M. OF PEEL	QUEEN ST.W/WESLEY AVE.	0.0	<u>36</u>

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Apr 30, 2021 has found that there are 3 EASR site(s) within approximately 0.00 kilometers of the project property.

<u>Site</u>	<u>Address</u>	Distance (m)	Map Key
THE REGIONAL MUNICIPALITY OF PEEL	182 ROSEMERE RD MISSISSAUGA ON L5G 1S4	0.0	<u>17</u>
THE REGIONAL MUNICIPALITY OF PEEL	182 ROSEMERE RD MISSISSAUGA ON L5G 1S4	0.0	<u>17</u>
EDENSHAW PARK DEVELOPMENTS LIMITED	21 Park ST E Mississauga ON L5G 1L7	0.0	<u>30</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Apr 30, 2021 has found that there are 5 ECA site(s) within approximately 0.00 kilometers of the project property.

Site	<u>Address</u>	Distance (m)	Map Key
The Regional Municipality of Peel	182 Rosemere Rd Mississauga ON L6T 4B9	0.0	<u>17</u>
1445631 Ontario Inc.	1173, 1179 and 1193 Mississauga Road Mississauga ON L6J 3S7	0.0	<u>26</u>
Scott Tank Cleaning Company Limited	34 Queen St W Mississauga ON L5H 1L4	0.0	<u>31</u>
Joseph Batty	Mississauga ON L5H 2J1	0.0	<u>39</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Joseph Batty	Mississauga ON L5H 2J1	0.0	<u>39</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jan 31, 2021 has found that there are 20 EHS site(s) within approximately 0.00 kilometers of the project property.

Site	Address Websters Ln Mississauga ON L5G	Distance (m) 0.0	<u>Map Key</u> <u>1</u>
	Websters Ln Mississauga ON L5G	0.0	1
	33 Front Street North Mississauga ON L5H 2E1	0.0	<u>5</u>
	29 Mississauga Rd N Mississauga ON L5H2H7	0.0	<u>14</u>
	30 Stavebank Rd Mississagua ON L5G 2T5	0.0	<u>15</u>
	29 Mississauga Road North Mississauga ON L5H 2H7	0.0	<u>19</u>
	1142 Mona Road Mississauga ON	0.0	<u>32</u>
	27 Park St E Mississauga ON L5G1L7	0.0	<u>34</u>

<u>Site</u>	Address 26 Park Street East Mississauga ON L5G 1L6	Distance (m) 0.0	<u>Map Key</u> <u>37</u>
	92, 94, and 96 Park Street with 250 Lake Shore Road West(Part 3 only) Mississauga ON	0.0	<u>38</u>
	87 Park Street West Mississauga ON L5H 1L2	0.0	<u>41</u>
	28 Elizabeth Street North Mississauga ON L5G 2Z6	0.0	<u>42</u>
	28 Elizabeth St N Mississauga ON L5G 2Z6	0.0	<u>42</u>
	28 Elizabeth St N Mississauga ON L5G 2Z6	0.0	43
	28 Elizabeth St N Mississauga ON L5G 2Z6	0.0	43
	28 Elizabeth St N Mississauga ON L5G 2Z6	0.0	43
	23 Elizabeth Street North Mississauga ON L5G 2Z4	0.0	<u>45</u>
	23 Elizabeth Street North Mississauga ON L5G 2Z4	0.0	<u>45</u>
	23 Elizabeth Street North Mississauga ON L5G 2Z4	0.0	<u>45</u>
	23 Elizabeth Street North Mississauga ON L5G 2Z4	0.0	<u>45</u>

Site Address Distance (m) Map Key

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jan 31, 2021 has found that there are 59 GEN site(s) within approximately 0.00 kilometers of the project property.

Site MISSISSAUGA HYDRO (PCB)	Address RIVERSIDE PUBLIC SCHOOL(FRONT ST.) C/O 3240 MAVIS ROAD MISSISSAUGA ON L5C 3K1	Distance (m) 0.0	Map Key 2
City of Mississauga	25 Front Street North Mississauga ON	0.0	<u>2</u>
MISSISSAUGA HYDRO (PCB) 00-000	RIVERSIDE PUBLIC SCHOOL(FRONT ST.) C/O 3240 MAVIS ROAD MISSISSAUGA ON L5C 3K1	0.0	<u>2</u>
PEEL BOARD OF EDUCATION	RIVERSIDE PUBLIC SCHOOL 30 JOHN ST. NORTH MISSISSAUGA ON L5H 2E8	0.0	<u>4</u>
PEEL BOARD OF EDUCATION 30-290	RIVERSIDE PUBLIC SCHOOL 30 JOHN ST. NORTH MISSISSAUGA ON L5H 2E8	0.0	<u>4</u>
PEEL DISTRICT SCHOOL BOARD	RIVERSIDE PUBLIC SCHOOL 30 JOHN ST. NORTH MISSISSAUGA ON L5H 2E8	0.0	<u>4</u>
PEEL DISTRICT SCHOOL BOARD	RIVERSIDE PUBLIC SCHOOL 30 JOHN STREET NORTH MISSISSAUGA ON L5H 2E8	0.0	<u>4</u>
PEEL DISTRICT SCHOOL BOARD	30 John Street North Mississauga ON L5H 2E8	0.0	<u>4</u>
MISSISSAUGA, CITY OF	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8	0.0	<u>6</u>

Site MISSISSAUGA, CITY OF 25-599	Address PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8	Distance (m) 0.0	Map Key 6
MISSISSAUGA, CITY OF	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8	0.0	<u>6</u>
MISSISSAUGA, CITY OF	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8	0.0	<u>6</u>
MISSISSAUGA, CITY OF	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8	0.0	<u>6</u>
MISSISSAUGA, CITY OF	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8	0.0	<u>6</u>
MISSISSAUGA, CITY OF	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON	0.0	<u>6</u>
MISSISSAUGA, CITY OF	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8	0.0	<u>6</u>
MISSISSAUGA, CITY OF	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8	0.0	<u>6</u>
MISSISSAUGA, CITY OF	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8	0.0	<u>6</u>
MISSISSAUGA, CITY OF	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8	0.0	<u>6</u>
MISSISSAUGA, CITY OF	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8	0.0	<u>6</u>
MISSISSAUGA, CITY OF	PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8	0.0	<u>6</u>

<u>Site</u>	<u>Address</u>	Distance (m)	<u>Map Key</u>
HYDRO MISSISSAUGA	30 STAVEBANK RD. C/O 3240 MAVIS ROAD MISSISSAUGA ON L5G 2T5	0.0	<u>15</u>
MISSISSAUGA HYDRO	30 STAVEBANK RD. C/O 3240 MAVIS ROAD MISSISSAUGA ON L5G 2T5	0.0	<u>15</u>
MISSISSAUGA HYDRO 25-460	30 STAVEBANK RD. C/O 3240 MAVIS ROAD MISSISSAUGA ON L5G 2T5	0.0	<u>15</u>
MISSISSAUGA HYDRO	30 STAVEBANK ROAD MISSISSAUGA ON L5G 2T5	0.0	<u>15</u>
ENERSOURCE HYDRO MISISSAUGA	30 STAVEBANK ROAD MISSISSAUGA ON L5G 2T5	0.0	<u>15</u>
MISS.HYDRO (SEE&USE ON0124328)	30 STAVEBANK RD. MISSISSAUGA C/O 3240 MAVIS ROAD MISSISSAUGA ON L5G 2T5	0.0	<u>15</u>
MISSISSAUGA HYDRO	30 STAUEBANK ROAD MISSISSAUGA ON L5C 3K1	0.0	<u>15</u>
ENERSOURCE HYDRO MISISSAUGA	30 STAVEBANK ROAD MISSISSAUGA ON	0.0	<u>15</u>
ENERSOURCE HYDRO MISISSAUGA	30 STAVEBANK ROAD MISSISSAUGA ON L5G 2T5	0.0	<u>15</u>
ENERSOURCE HYDRO MISISSAUGA	30 STAVEBANK ROAD MISSISSAUGA ON L5G 2T5	0.0	<u>15</u>
ENERSOURCE HYDRO MISISSAUGA	30 STAVEBANK ROAD MISSISSAUGA ON L5G 2T5	0.0	<u>15</u>

Site ENERSOURCE HYDRO MISISSAUGA	Address 30 STAVEBANK ROAD MISSISSAUGA ON L5G 2T5	Distance (m) 0.0	<u>Map Key</u> <u>15</u>
Alectra Utilities Corp	30 Stavebank Road Mississauga ON L5G 2T9	0.0	<u>15</u>
Alectra Utilities Corp	30 Stavebank Road Mississauga ON L5G 2T9	0.0	<u>15</u>
Alectra Utilities Corp	30 Stavebank Road Mississauga ON L5G 2T9	0.0	<u>15</u>
ACTIVE ENGINE	22 QUEEN ST. MISSISSAUGA ON L5H 1L4	0.0	<u>22</u>
ACTIVE ENGINE (OUT OF BUS)	22 QUEEN ST. MISSISSAUGA ON L5H 1L4	0.0	<u>22</u>
ACTIVE ENGINE 01-227	22 QUEEN ST. MISSISSAUGA ON L5H 1L4	0.0	<u>22</u>
STUD WOODWORKING INC	22 QUEEN ST WEST UNIT #3 MISSISSAUGA ON L5H 1L4	0.0	<u>22</u>
SCOTT TANK CLEANING CO.LTD	28 Quenn st. west unit 1 mississauga ON L1T 3L8	0.0	<u>25</u>
MISSISSAUGA HYDRO PCB	12 PARK ST. EAST C/O 3355 MAVIS RD. MISSISSAUGA ON L5G 1L5	0.0	<u>27</u>
MISSISSAUGA HYDRO PCB 00-000	12 PARK ST. EAST C/O 3355 MAVIS RD. MISSISSAUGA ON L5G 1L5	0.0	<u>27</u>
SCOTT TANK CLEANING CO.LTD	28 Quenn st. west unit 1 mississauga ON L1T 3L8	0.0	28

<u>Site</u>	<u>Address</u>	Distance (m)	Map Key
SCOTT TANK CLEANING CO.LTD	28 Quenn st. west unit 1 mississauga ON	0.0	<u>29</u>
SCOTT TANK CLEANING CO.LTD	28 Quenn st. west unit 1 mississauga ON	0.0	<u>29</u>
SCOTT TANK CLEANING CO.LTD	28 Quenn st. west unit 1 mississauga ON L1T 3L8	0.0	<u>29</u>
SCOTT TANK CLEANING CO.LTD	28 Quenn st. west unit 1 mississauga ON L1T 3L8	0.0	<u>29</u>
SCOTT TANK CLEANING CO.LTD	28 Quenn st. west unit 1 mississauga ON L1T 3L8	0.0	<u>29</u>
SCOTT TANK CLEANING CO. LTD.	34 QUEEN STREET WEST UNIT 3 MISSISSAUGA ON L5H 1L4	0.0	<u>33</u>
SCOTT TANK CLEANING CO LTD	34 QUEEN STREET WEST UNIT 3 MISSISSAUGA ON L5H 1L4	0.0	<u>33</u>
SCOTT TANK CLEANING CO. LTD. 34-137	34 QUEEN STREET WEST UNIT 3 MISSISSAUGA ON L5H 1L4	0.0	<u>33</u>
SCOTT TANK CLEANING COMPANY LIMITED	34 QUEEN STREET WEST UNIT 3 MISSISSAUGA ON L5H 1L4	0.0	<u>33</u>
SCOTT TANK CLEANING COMPANY LIMITED	34 QUEEN STREET WEST UNIT 4 MISSISSAUGA ON L5H 1L4	0.0	<u>33</u>
WESTAIRE AIRCOND & HEATING LTD.	70 WESLEY AVE. MISSISSAUGA ON L5H 2M9	0.0	<u>46</u>

Site	<u>Address</u>	Distance (m)	Map Key
WESTAIRE AIR CONDITIONING & HEATING LTD	70 WESLEY AVENUE MISSISSAUGA ON L5H 2M9	0.0	<u>46</u>
WESTAIRE AIRCOND & HEATING LTD. 42-189	70 WESLEY AVE. MISSISSAUGA ON L5H 2M9	0.0	<u>46</u>
WESTAIRE AIR CONDITIONING & HEATING LTD.	70 WESLEY AVENUE MISSISSAUGA ON L5H 2M9	0.0	<u>46</u>
ANTORISA INVESTMENTS LTD.	70 WESLEY AVENUE MISSISSAUGA ON L5H 2M9	0.0	<u>47</u>

NEBI - National Energy Board Pipeline Incidents

A search of the NEBI database, dated 2008-Mar 31, 2021 has found that there are 1 NEBI site(s) within approximately 0.00 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
TransCanada PipeLines Limited		0.0	3
	Mississauga ON		-

PINC - Pipeline Incidents

A search of the PINC database, dated Oct 31, 2020 has found that there are 3 PINC site(s) within approximately 0.00 kilometers of the project property.

Site	<u>Address</u>	Distance (m)	Map Key
PIPELINE HIT - 1"	162 INGLEWOOD DRIVE,,MISSISSAUGA, ON,L5G 1Y1,CA ON	0.0	<u>35</u>
ENBRIDGE GAS INC	26 PARK ST E,,MISSISSAUGA,ON,L5G 1L6, CA ON	0.0	<u>37</u>
PIPELINE HIT 1/2"	62 WELSEY AVE,,MISSISSAUGA,ON,L5H 2M9,CA ON	0.0	<u>40</u>

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 7 SCT site(s) within approximately 0.00 kilometers of the project property.

Site H-Do All	Address 2 Queen St W Mississauga ON L5H 1L4	Distance (m) 0.0	<u>Map Key</u> <u>12</u>
Old Credit Brewing Co. Ltd.	6 Queen St W Mississauga ON L5H 1L4	0.0	<u>13</u>
ALDO LISTA	6 Queen St W Mississauga ON L5H 1L4	0.0	<u>13</u>
Lakeport Metalcraft	10 Queen St W Mississauga ON L5H 1L4	0.0	<u>16</u>
LAKEPORT METALCRAFT	10 QUEEN ST W PORT CREDIT ON L5H 1L4	0.0	<u>16</u>
ACTIVE ENGINE REBUILDING INC	22 QUEEN ST W UNIT 3 MISSISSAUGA ON L5H 1L4	0.0	<u>22</u>
H-DO ALL	34 QUEEN ST W UNIT 3 MISSISSAUGA ON L5H 1L4	0.0	<u>33</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Aug 2020 has found that there are 14 SPL site(s) within approximately 0.00 kilometers of the project property.

<u>Site</u>	<u>Address</u>	Distance (m)	<u>Map Key</u>
Port Credit Memorial Arena	40 Stavebank Road Mississauga ON	0.0	<u>6</u>
Port Credit Memorial Arena	40 Stavebank Road Mississauga ON	0.0	<u>6</u>

<u>Site</u>	<u>Address</u>	Distance (m)	Map Key
PRIVATE RESIDENCE	1171 STAVE BANK RD. FURNACE OIL TANK MISSISSAUGA CITY ON	0.0	9
CANADIAN NATIONAL RAILWAY	MISSISSAUGA RD AND KANE ROAD TRAIN MISSISSAUGA CITY ON	0.0	<u>10</u>
UNKNOWN	CREDIT RIVER 1204 STAVEBANK RD. MISSISSAUGA CITY ON L5G 2V2	0.0	<u>11</u>
PETRO-CANADA	39 STAVEVANK RD. MISSISSAUGA REFINERY/LUBRICANTS CENTRE 385 SOUTHDOWN ROAD MISSISSAUGA CITY ON	0.0	<u>18</u>
The Regional Municipality of Peel	70 Park St West Mississauga ON	0.0	<u>20</u>
Enersource Hydro Mississauga Inc.	1162 Mississauga Road Mississauga ON	0.0	<u>23</u>
Enbridge Gas Distribution Inc.	162 Inglewood Drive Mississauga ON	0.0	<u>35</u>
Enbridge Gas Distribution Inc.	26 Park Street Mississauga ON	0.0	<u>37</u>
Enbridge Gas Distribution Inc.	62 Wesley Ave. Mississauga ON	0.0	<u>40</u>
Compten Management Inc.	28 Elizabeth Street North Mississauga ON	0.0	<u>42</u>
Regional Municipality of Peel	Elizabeth St. and Park St. Mississauga ON	0.0	<u>44</u>

<u>Site</u> PLANT PRODUCTS CO. LTD. Address
70 WESLEY AVE.
MISSISSAUGA CITY ON L5H 2M9

Distance (m)

0.0

Map Key

46

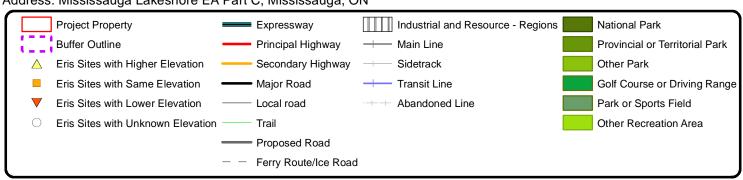
Order No: 21010600151

WDSH - Waste Disposal Sites - MOE 1991 Historical Approval Inventory

A search of the WDSH database, dated Up to Oct 1990* has found that there are 1 WDSH site(s) within approximately 0.00 kilometers of the project property.

 Site
 Address
 Distance (m)
 Map Key

 6 3 SDS MISSISSAUGA ON
 0.0
 7



43°33'N

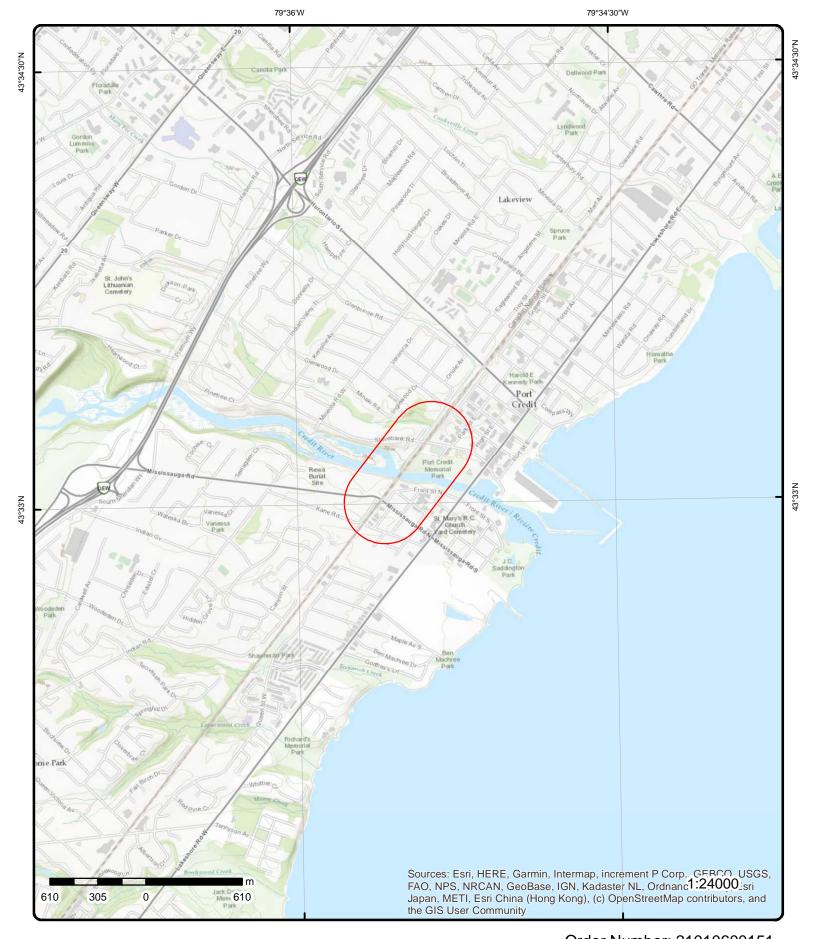
Aerial Year: 2018

Source: ESRI World Imagery

Address: Mississauga Lakeshore EA Part C, Mississauga, ON

ERIS

Order Number: 21010600151



Topographic Map

Address: Mississauga Lakeshore EA Part C, ON

Source: ESRI World Topographic Map

Order Number: 21010600151



Detail Report

Мар Кеу	Number Records		Elevation (m)	Site			DB
<u>1</u>	1 of 2		75.4	Websters Ln Mississauga C	DN L5G		EHS
Order No: Status: Report Type: Report Date: Date Received:		2029030 C Custom I 09-SEP-2	Report 20		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X:	ON .25 -79.59278718	
Previous Site Lot/Building Additional In	Size:	;	Fire Insur. Maps	s and/or Site Plans; Ad	Y:	43.55257623	
1	2 of 2		75.4	Websters Ln Mississauga C	ON L5G		EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building Additional In	ed: e Name: Size:	2029030 C Custom I 09-SEP-:	Report 20 20	s and/or Site Plans; Ae	Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y: erial Photos	ON .25 -79.59278718 43.55257623	
2	1 of 3		76.4	MISSISSAUGA RIVERSIDE PU MISSISSAUGA	BLIC SCHOOL(FRONT ST	T.) C/O 3240 MAVIS ROAD	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility:		ON0124350			PO Box No:		
		90			Country: Choice of Contact: Co Admin: Phone No Admin:		
SIC Code: SIC Descripti	ion:	0000	*** NOT DEFIN	ED ***			
2_	2 of 3		76.4		HYDRO (PCB) 00-000 BLIC SCHOOL(FRONT ST ON L5C 3K1	T.) C/O 3240 MAVIS ROAD	GEN
Generator No: Status: Approval Years: Contam. Facility:		ON0124350			PO Box No:		
		92,93,94			Country: Choice of Contact: Co Admin:		
MHSW Facili SIC Code: SIC Descript		0000	*** NOT DEFIN	ED ***	Phone No Admin:		
2_	3 of 3		76.4	City of Mississ 25 Front Street			GEN

Order No: 21010600151

Elevation DΒ Map Key Number of Site

> Records (m)

> > Mississauga ON

ON5835780 PO Box No: Generator No: Status: Country:

Approval Years: 2012 Choice of Contact: Contam. Facility: Co Admin: MHSW Facility: Phone No Admin: SIC Code: 913910

SIC Description: Other Local Municipal and Regional Public Administration

1 of 1 75.6 TransCanada PipeLines Limited 3 **NEBI**

NULL

NULL

NULL

NULL

NULL

NULL

NULL

NULL

NULL

NULL

NULL

NULL

Nο

No

No

No

No

NULL

NULL

NULL

12/19/2012

Replacement

Order No: 21010600151

Mississauga ON

Incident No: INC2012-175 Facility Name: NULL

PARKWAY LOOP Closed Status: Pipeline Name: Significant: No Pipe/Fac Equip: No

Year: 2013 Pipeline/Fac Type: NULL Not Applicable NULL Substance: Facility Type: Pipe Length (km): 13.34365467 Release Substance: NULL

Release Type: Not Applicable Kilometre Post: NULL Approx Vol Released: Not Applicable Pipe Body Release: **NULL** Vol Released (M3): NULL Year of Manufacture: NULL 12/4/2013 Closed Date: Year of Installation: NULL Investigation Type: Standard Review - 168 days In-Service Year: NULL Residual Env Effects: Material: NULL **NULL**

Occurrence Date: 2012/12/19 08:05:00 PM Mountain Material Grade:

Discovered Date: 2012/12/19 08:05:00 PM Mountain Nominal Pipe Size: Weld Type: **NULL** Reported Date: 1/8/2013

Activity at Incident: Construction Seam Type: Rupture: No Seam Clock Position: Emergency Level: Level I Seam Joining Method: Aff Pipeline R of Way: Dsgn Dp of Cover (m): No Aff Off Pipe R of Way: No Depth of Cover (m): Affects Co. Property: Yes Dsgn Wall Th (mm): Off Co. Property: No Wall Thickness (mm): NULL Custom W Th (mm): Restricted Pressure: Repair Date: 12/19/2012 Coating Type: Repair Type: Replacement **Coating Condition:**

How Discovered: Employee / Contractor (Onsite) **Env Conditions:** NULL

NULL Source of Explosion: Source of Fire: Equipment & Electrical

Application Method: NULL Regulation: OPR Schedule: NULL

Land Use: Unknown Land Use (Historical Data Migration)

Latitude: 43.551392 -79.593431 Longitude: Facility Latitude: **NULL**

Facility Longitude: NULL Related NEB Event No: NULL Incident Type: Fire

Incident Types: Fire Natural Gas Sweet Substance Carried:

Basic Cause Category: Maintenance

Detailed Basic Cause: Job or system factors, Inadequate maintenance, Inadequate preventive, Lubrication and servicing; Job or system

factors, Inadequate maintenance, Inadequate preventive, Adjustment or assembly

Coating Location:

Year Coating Applied:

Insulation Installed:

Equip Never Inspect:

Recent Rout Inspect:

Recent Inspection Dt:

Recent Inspect Type:

Recent Maintenance:

Cath Protect Reading:

Recent Rout Maint:

Last Maint, Date:

No Maint. Done:

Immed Cause Cat: **Equipment Failure**

Detailed Immediate Cause: Damage or deterioration mechanism, Other Causes, Control System Malfunction

Equip or Comp Involv: Pipeline, Auxiliary device(s) (please explain)

1067 Pipe Out Diam (NPS): Design Standard:

Unknown Population Density (Historical Data Migration) Population Density:

Records (m)

1 of 5 80.9 PEEL BOARD OF EDUCATION 4

RIVERSIDE PUBLIC SCHOOL 30 JOHN ST. NORTH

MISSISSAUGA ON L5H 2E8

Generator No: ON0359867 PO Box No: Status: Country:

Choice of Contact: Approval Years: 86,87,88,89,90 Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

SIC Code: 8511

ELEMT./SECON. EDUC. SIC Description:

148

INORGANIC LABORATORY CHEMICALS

PETROLEUM DISTILLATES

Waste Class: 263

ORGANIC LABORATORY CHEMICALS Waste Class Desc:

2 of 5 80.9 PEEL BOARD OF EDUCATION 30-290

RIVERSIDE PUBLIC SCHOOL 30 JOHN ST. NORTH

MISSISSAUGA ON L5H 2E8

Generator No: ON0359867 PO Box No:

Country:

92,93,94,95,96 Choice of Contact: Approval Years: Contam. Facility: Co Admin: Phone No Admin:

8511 SIC Code:

ELEMT./SECON. EDUC. SIC Description:

Waste Class:

Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class:

Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 263

ORGANIC LABORATORY CHEMICALS Waste Class Desc:

PEEL DISTRICT SCHOOL BOARD 3 of 5 4 80.9 **GEN**

RIVERSIDE PUBLIC SCHOOL 30 JOHN ST. NORTH

MISSISSAUGA ON L5H 2E8

ON0359867 Generator No: PO Box No: Country:

Choice of Contact: Approval Years: 97 Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

8511

ELEMT./SECON. EDUC. SIC Description:

GEN

GEN

Order No: 21010600151

Detail(s)

Waste Class:

Waste Class Desc:

Waste Class:

Waste Class Desc:

Status:

MHSW Facility:

Detail(s)

Status:

SIC Code:

Records (m)

Detail(s)

Waste Class: 148

Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 213

Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 263

Waste Class Desc: ORGANIC LABORATORY CHEMICALS

4 4 of 5 80.9 PEEL DISTRICT SCHOOL BOARD

RIVERSIDE PUBLIC SCHOOL 30 JOHN STREET NORTH

Phone No Admin:

GEN

GEN

Order No: 21010600151

MISSISSAUGA ON L5H 2E8

Generator No: ON0359867 PO Box No: Status: Country:

Approval Years: 98,99,00,01 Choice of Contact: Contam. Facility: Co Admin:

MHSW Facility:

SIC Code: 8511

SIC Description: ELEMT./SECON. EDUC.

Detail(s)

Waste Class: 148

Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 213

Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 263

Waste Class Desc: ORGANIC LABORATORY CHEMICALS

4 5 of 5 80.9 PEEL DISTRICT SCHOOL BOARD

30 John Street North Mississauga ON L5H 2E8

 Generator No:
 ON6864920
 PO Box No:

 Status:
 Country:

Approval Years: 05 Choice of Contact:
Contam. Facility: Co Admin:
MHSW Facility: Phone No Admin:

SIC Code: 611710

SIC Description: Educational Support Services

Detail(s)

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

5 1 of 1 75.4 33 Front Street North
Mississauga ON L5H 2E1

Order No: 20060926003 Nearest Intersection:

Status: Municipality: Report Type: **Custom Report** Client Prov/State: ON Search Radius (km): Report Date: 10/4/2006 0.25 Date Received: 9/26/2006 X: -79.588769 Y: Previous Site Name: 43.550816

Lot/Building Size:

> Records (m)

Additional Info Ordered: Fire Insur. Maps And /or Site Plans

6 1 of 15 79.8 MISSISSAUGA, CITY OF

PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH

GEN

Order No: 21010600151

MISSISSAUGA ON L5G 2T8

ON0225016 Generator No: PO Box No:

Status: Country:

Approval Years: 89,90,92,93,97,98,99,00,01,02,03,04,05,06,07, Choice of Contact:

Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

SIC Code: 8364

REC./CULTURE ADMIN. SIC Description:

Detail(s)

Waste Class:

Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

2 of 15 79.8 MISSISSAUGA, CITY OF 25-599 6 **GEN**

PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH

MISSISSAUGA ON L5G 2T8

Generator No: ON0225016 PO Box No: Status:

Country:

Choice of Contact: Approval Years: 94,95,96 Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

SIC Code: 8364

SIC Description: REC./CULTURE ADMIN.

Detail(s)

Waste Class: 213

Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 252

WASTE OILS & LUBRICANTS Waste Class Desc:

6 3 of 15 79.8 MISSISSAUGA, CITY OF **GEN**

PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH

MISSISSAUGA ON L5G 2T8

Generator No: ON0225016 PO Box No: Status:

Country:

Approval Years: 2009 Choice of Contact: Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

SIC Code: 713940, 913910

SIC Description: Fitness and Recreational Sports Centres, Other Local Municipal and Regional Public Administration

Detail(s)

Waste Class: 213

Waste Class Desc: PETROLEUM DISTILLATES

> Records (m)

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

4 of 15 79.8 MISSISSAUGA, CITY OF 6 **GEN** PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH

MISSISSAUGA ON L5G 2T8

ON0225016 PO Box No: Generator No: Status: Country:

2010 Approval Years: Choice of Contact: Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

713940, 913910 SIC Code:

SIC Description: Fitness and Recreational Sports Centres, Other Local Municipal and Regional Public Administration

Detail(s)

Waste Class: 145

PAINT/PIGMENT/COATING RESIDUES Waste Class Desc:

Waste Class:

WASTE OILS & LUBRICANTS Waste Class Desc:

Waste Class:

PETROLEUM DISTILLATES Waste Class Desc:

6 5 of 15 79.8 MISSISSAUGA, CITY OF **GEN**

PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH

MISSISSAUGA ON L5G 2T8

ON0225016 PO Box No: Generator No: Status: Country:

Approval Years: 2011 Choice of Contact: Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

713940, 913910 SIC Code:

SIC Description: Fitness and Recreational Sports Centres, Other Local Municipal and Regional Public Administration

Detail(s)

Waste Class: 145

Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class:

Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 252

WASTE OILS & LUBRICANTS Waste Class Desc:

6 of 15 79.8 MISSISSAUGA, CITY OF 6 **GEN**

PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH

Order No: 21010600151

MISSISSAUGA ON L5G 2T8

Generator No: ON0225016 PO Box No: Status: Country: 2012 Choice of Contact: Approval Years: Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

SIC Code: 713940, 913910

Fitness and Recreational Sports Centres, Other Local Municipal and Regional Public Administration SIC Description:

> Records (m)

Detail(s)

Waste Class:

Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 145

PAINT/PIGMENT/COATING RESIDUES Waste Class Desc:

Waste Class:

Waste Class Desc: WASTE OILS & LUBRICANTS

6 7 of 15 79.8 MISSISSAUGA, CITY OF

PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH

GEN

SPL

Order No: 21010600151

MISSISSAUGA ON

Generator No: ON0225016 PO Box No: Status: Country:

Approval Years: 2013 Choice of Contact: Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

SIC Code: 713940, 913910

SIC Description:

Detail(s)

Waste Class:

WASTE OILS & LUBRICANTS Waste Class Desc:

Waste Class:

PETROLEUM DISTILLATES Waste Class Desc:

Waste Class:

Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

8 of 15 79.8 Port Credit Memorial Arena 6

40 Stavebank Road Mississauga ON

Client Type:

Sector Type:

Site Address:

Site Region:

Site Lot:

Site Conc:

Northing:

Easting:

Agency Involved:

Site District Office:

Site Postal Code:

Site Municipality:

Site Geo Ref Accu:

SAC Action Class:

Site Map Datum:

Source Type:

Nearest Watercourse:

Miscellaneous Industrial

40 Stavebank Road

Credit River

Mississauga

4823069

Land Spills

613824

Ref No: 6108-AB3PMP Discharger Report: Site No: Material Group: Health/Env Conseq:

Incident Dt: 2016/06/19 Year:

Incident Cause: Leak/Break Incident Event:

Contaminant Code:

POWDER (N.O.S.) Contaminant Name:

Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1:

Environment Impact:

Receiving Medium:

Nature of Impact:

Land; Surface Water Receiving Env:

MOE Response: No Dt MOE Arvl on Scn:

2016/06/19 MOE Reported Dt:

Dt Document Closed: 2016/08/04 Incident Reason: Operator/Human Error

Site County/District: Site Geo Ref Meth:

Port Credit Memorial Arena<UNOFFICIAL>

Site Name:

erisinfo.com | Environmental Risk Information Services

41

Number of Elevation DΒ Map Key Site

> Records (m)

Nature's Call: 10 L deodorant powder to Credit River bank, cntnd, clng Incident Summary:

Contaminant Qty: 10 L

9 of 15 79.8 MISSISSAUGA, CITY OF 6 **GEN**

PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH

PO Box No:

MISSISSAUGA ON L5G 2T8

Generator No: ON0225016

Status: Country: Canada 2016 Choice of Contact: CO_OFFICIAL Approval Years: Contam. Facility: No Co Admin:

MHSW Facility: Phone No Admin: No

713940, 913910 SIC Code:

SIC Description: 713940, 913910

Detail(s)

Waste Class: 145

PAINT/PIGMENT/COATING RESIDUES Waste Class Desc:

Waste Class:

WASTE OILS & LUBRICANTS Waste Class Desc:

Waste Class:

Waste Class Desc: PETROLEUM DISTILLATES

6 10 of 15 79.8 MISSISSAUGA, CITY OF **GEN** PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH

MISSISSAUGA ON L5G 2T8

Canada

Order No: 21010600151

Generator No: ON0225016 PO Box No:

Status: Country:

Approval Years: 2015 Choice of Contact: CO_OFFICIAL

Contam. Facility: Co Admin: No MHSW Facility: No Phone No Admin:

713940, 913910 SIC Code:

SIC Description: 713940, 913910

Detail(s)

Waste Class: 213

Waste Class Desc: PETROLEUM DISTILLATES

Waste Class:

Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class:

PAINT/PIGMENT/COATING RESIDUES Waste Class Desc:

11 of 15 79.8 MISSISSAUGA, CITY OF 6 **GEN**

PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH

MISSISSAUGA ON L5G 2T8

ON0225016 Generator No: PO Box No:

Status: Country: Canada 2014 Choice of Contact: CO_OFFICIAL Approval Years: Contam. Facility: No Co Admin: MHSW Facility: No Phone No Admin:

SIC Code: 713940, 913910

SIC Description: 713940, 913910

Records (m)

Detail(s)

Waste Class: 145

Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 213

Waste Class Desc: PETROLEUM DISTILLATES

6 12 of 15 79.8 MISSISSAUGA, CITY OF

PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH

GEN

GEN

Order No: 21010600151

MISSISSAUGA ON L5G 2T8

Generator No: ON0225016 PO Box No:

Status: Registered Country: Canada

Approval Years:As of Dec 2018Choice of Contact:Contam. Facility:Co Admin:MHSW Facility:Phone No Admin:

SIC Code: SIC Description:

Detail(s)

Waste Class: 133 L

Waste Class Desc: Brine, chlor-alkali sludges

Waste Class: 251 L

Waste Class Desc: Waste oils/sludges (petroleum based)

Waste Class: 252 L

Waste Class Desc: Waste crankcase oils and lubricants

6 13 of 15 79.8 MISSISSAUGA, CITY OF

PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH

MISSISSAUGA ON L5G 2T8

Generator No: ON0225016 PO Box No:

Status: Registered Country: Canada

Approval Years: As of Jul 2020 Choice of Contact:
Contam. Facility: Co Admin:
MHSW Facility: Phone No Admin:
SIC Code:

SIC Description:

Detail(s)

Waste Class: 252 L

Waste Class Desc: Waste crankcase oils and lubricants

Waste Class: 251 L

Waste Class Desc: Waste oils/sludges (petroleum based)

Waste Class: 133 L

Waste Class Desc: Brine, chlor-alkali sludges

6 14 of 15 79.8 Port Credit Memorial Arena SPL

40 Stavebank Road

Records (m)

Mississauga ON

3285-BEYSNY Ref No: Discharger Report: Site No: Material Group: NA

8/12/2019 2 - Minor Environment Incident Dt: Health/Env Conseq:

Client Type: Year: Corporation Miscellaneous Communal

Incident Cause: Sector Type: Agency Involved: Incident Event: Leak/Break

Contaminant Code: Nearest Watercourse:

Contaminant Name: AMMONIA GAS (ANHYDROUS) Site Address: 40 Stavebank Road

Site District Office: Halton-Peel Contaminant Limit 1: Contam Limit Freq 1: Site Postal Code:

Contaminant UN No 1: 1005 Site Region: Central Environment Impact: Site Municipality: Mississauga

Nature of Impact: Site Lot: Receiving Medium: Site Conc:

Receiving Env: 4823231.43 Air Northing: No MOE Response: 613974.68 Easting:

Dt MOE Arvl on Scn: Site Geo Ref Accu: MOE Reported Dt: 8/12/2019 Site Map Datum:

Air Spills - Gases and Vapours **Dt Document Closed:** SAC Action Class:

Incident Reason: **Equipment Failure** Source Type: Other

Site Name: Port Credit Memorial Arera<UNOFFICIAL>

Site County/District: Regional Municipality of Peel

Site Geo Ref Meth:

Port Credit Arena: ammonia gas to atmosphere Incident Summary:

Contaminant Qty: 20 lb

6 15 of 15 79.8 MISSISSAUGA, CITY OF **GEN**

PORT CREDIT ARENA 40 STAVEBANK ROAD NORTH MISSISSAUGA ON L5G 2T8

ON0225016

Generator No: PO Box No: Registered Status: Country: Canada

Choice of Contact: Approval Years: As of Jan 2021 Co Admin: Contam. Facility: MHSW Facility: Phone No Admin:

SIC Code: SIC Description:

Detail(s)

Waste Class: 252 I

Waste Class Desc: Waste crankcase oils and lubricants

Waste Class: 251 I

Waste Class Desc: Waste oils/sludges (petroleum based)

Waste Class: 133 L

Waste Class Desc: Brine, chlor-alkali sludges

7 1 of 1 79.4 6 3 SDS **WDSH** MISSISSAUGA ON

X7069 Site No.: Region: **CENTRAL PEEL** County: Concession: 3 SDS Lot: 6 Easting: 614025 4822875

Northing: Zone:

Order No: 21010600151

Number of DΒ Map Key Elevation Site Records (m) 1960 Date Closed: Status: CLOSED Classification: A5 - POTENTIAL HUMAN IMPACT-URBAN MUNICIPAL/DOMESTIC WASTE - CLOSED 10-20 YRS %CommericialWste: %DomesticWste Rec: n/a %LiquidWste Rec: n/a %HazardousWste Rec: n/a %Non-haz.Wste Rec: n/a %Sewage/Sludge Rec: n/a **%Other Wste Rec:** n/a 8 1 of 1 79.3 Memorial Pk Dump

ANDR

Mississauga ON L5G

Toronto Tp Con 3 SDS Lot 6 Legal Description:

In the former village of Port Credit, on marshland E of Credit R, W of Stavebank Rd N in Memorial Park Location Description:

Municipality: Port Credit Village **Current Municipality:** Mississauga City Peel Region RM: Facility: Dump Date Active: 1940-60s

Date Begun:

Date Complete: 1960

Area (Ha):

Landfill Type:

Credit River Group Name:

Operated By:

Serial: MOFF 7069 30M12 NTS:

Diameter (m):

Historical Summary:

Memorial Park Landfill The MOEE lists a closed waste disposal site with serial MOEE 7069 at this location (Ontario Ministry of the Environment [1994] Waste disposal site inventory, [Toronto]: Ontario Environment, 1994., i, 196 pp., maps, ISBN 0772984093: 115). 1951 NTS Map 30M12E The MOEE datapoint plots out in open space east of Credit River, south of the railway. The river meanders more deeply to the northeast on the 1951 NTS Map than it will on the 1964 NTS Map. This suggests that the Credit River was altered by filling and bank modification between the 1940 air photography (for the 1951 NTS) and the 1960 air photography (for the 1964 NTS). 1964 NTS Map 30M12E The MOEE datapoint plots out in open space east of Credit River, south of the railway. 1974 Air Photomaps Sheet 20 There is no active ground disturbance visible from the air on the 1974 air photomaps at the MOEE datapoint position, but the area is graded parkland, abutting the river, and appears to have characteristics consistent with previously completed filling (YUML: [1974] Northway Air Survey Corporation Ltd., Toronto Region Air Photomaps G3524 T6 A4 4 1974). 1985 NTS Map 30M12 MOEE datapoint plots out to a park location on the east bank of the Credit River, south of the railway in Port Credit. There is no sign of dumping on the map. The area appears to have the same configuration as it does on the 1964 NTS Map. 1996 MapArt The MOEE datapoint appears to plot out within the area of Memorial Park, west of Stavebank Road North, Port Credit village, City of Mississauga ([1996] MapArt Corporation, Golden Horseshoe Atlas, 1996 Edition, ISBN 1-55198-384-2). 1996 Eye Wintess Testimony On June 19, 1996 Mr. Don Courtney (905) 670-1400 telephoned Richard Anderson and reported his recollections of a garbage dump in the village of Port Credit, south of Highway #2 to the railway, on the east bank of the Credit River. The site had been a marsh and was filled in the 1960s, it is now a baseball field. Mr. Courtney indicated that his knowledge of the site arose from his involvement in filling operations, and expressed his concern that the site had not been conducted with regard for modern standards of environmental protection. Working conclusion: The MOEE records a closed waste disposal site at this location. Evidence reviewed here suggests dumping occurred between 1940 and the 1960s.

Waste Type:

UTM X Nad 27: 614025 UTM Y Nad 27: 4822875 UTM Zone: 17

> 1 of 1 81.1

PRIVATE RESIDENCE 1171 STAVE BANK RD. FURNACE OIL TANK MISSISSAUGA CITY ON

SPL

Order No: 21010600151

Ref No: 110425 Discharger Report:

9

Material Group:

// Incident Dt: Health/Env Conseq: Client Type: Year:

(m)

Incident Cause: PIPE/HOSE LEAK Sector Type: Agency Involved: Incident Event: Contaminant Code: Nearest Watercourse: Contaminant Name: Site Address: Contaminant Limit 1: Site District Office: Contam Limit Freq 1: Site Postal Code: Contaminant UN No 1:

Site Region: **Environment Impact: POSSIBLE** Site Municipality: 21102

Nature of Impact: Water course or lake Site Lot: Receiving Medium: LAND Site Conc:

Receiving Env: Northing:

MOE Response: Easting: PEEL REG. Site Geo Ref Accu:

Dt MOE Arvl on Scn: 2/28/1995 MOE Reported Dt: Site Map Datum: Dt Document Closed: SAC Action Class: **UNKNOWN** Source Type:

Incident Reason: Site Name:

Site No:

Site County/District: Site Geo Ref Meth:

Records

PRIVATE RESIDENCE- UNDER-GROUND FUEL OIL LINE LEAKIN BASEMENT, PEEL REG. Incident Summary:

Contaminant Qty:

10 1 of 1 79.3 **CANADIAN NATIONAL RAILWAY**

MISSISSAUGA RD AND KANE ROAD TRAIN

SPL

SPL

Order No: 21010600151

MISSISSAUGA CITY ON

127498 Ref No: Discharger Report: Site No: Material Group: Incident Dt: Health/Env Conseq: 6/7/1996 Year-Client Type: Incident Cause: DERAILMENT Sector Type: Incident Event:

Agency Involved: Contaminant Code: Nearest Watercourse: Contaminant Name: Site Address: Contaminant Limit 1: Site District Office: Contam Limit Freq 1: Site Postal Code: Site Region: Contaminant UN No 1:

Site Municipality: Environment Impact: **POSSIBLE** 21102

Soil contamination Nature of Impact: Site Lot: Receiving Medium: LAND Site Conc: Receiving Env: Northing:

MOE Response: Easting: PEEL REGION, FD, PD.

Dt MOE Arvl on Scn: Site Geo Ref Accu: 6/7/1996 MOE Reported Dt: Site Map Datum: **Dt Document Closed:** SAC Action Class:

Incident Reason:

Site Name:

Site County/District: Site Geo Ref Meth:

Incident Summary: C.N.R.-UKN QTY CLAY POWDER TO GRND,4 RAILCARSDE-RAILED.

Contaminant Qty:

11 1 of 1 79.0 UNKNOWN

UNKNOWN

CREDIT RIVER 1204 STAVEBANK RD. MISSISSAUGA CITY ON L5G 2V2

Source Type:

66435 Ref No: Discharger Report: Material Group: Site No: Incident Dt:

// Health/Env Conseq:

Records (m)

Year:
Incident Cause:
UNKNOWN
Sector Type:
Incident Event:
Contaminant Code:

Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:

Contaminant Name:

Contaminant Name:

Contaminant Limit 1:

Contam Limit Freq 1:

Contaminant UN No 1:

Site Postal Code:

Site Region:

Environment Impact: NOT ANTICIPATED Site Municipality: 21102

Nature of Impact:Surface Water PollutionSite Lot:Receiving Medium:WATERSite Conc:Receiving Env:Northing:MOE Response:Easting:

 MOE Response:
 Easting:
 REGION OF PEEL, MOE

 Dt MOE Arvl on Scn:
 Site Geo Ref Accu:

MOE Reported Dt: 1/25/1992 Site Map Datum:
Dt Document Closed: SAC Action Class:
Incident Reason: UNKNOWN Source Type:

Incident Reason: UN Site Name:

Site County/District: Site Geo Ref Meth:

Incident Summary: 300 FT2 UNKNOWN PURPLE MATERIAL FROZEN INTO THE CREDIT RIVER.

Contaminant Qty:

12 1 of 1 78.8 H-Do All 2 Queen St W

Mississauga ON L5H 1L4

Established: 1990 **Plant Size (ft²):** 750

Employment:

--Details--

Description: Residential Building Construction

SIC/NAICS Code: 236110

Description: Finish Carpentry Contractors

SIC/NAICS Code: 238350

Description: Wood Kitchen Cabinet and Counter Top Manufacturing

SIC/NAICS Code: 337110

13 1 of 2 79.1 Old Credit Brewing Co. Ltd.

6 Queen St W

Mississauga ON L5H 1L4

Established: 01-AUG-94
Plant Size (ft²): 11500

Employment:

--Details--

Description: Breweries SIC/NAICS Code: 312120

Description: Breweries SIC/NAICS Code: 312120

13 2 of 2 79.1 ALDO LISTA 6 Queen St W

Order No: 21010600151

(m)

Records

Mississauga ON L5H 1L4

Established: 1994 Plant Size (ft2): 0 Employment: 3

--Details--

Description: **Breweries** SIC/NAICS Code: 312120

1 of 1 14 79.8 29 Mississauga Rd N **EHS** Mississauga ON L5H2H7

Order No: 20170926149 Nearest Intersection:

Status: С

Report Type: Standard Report Report Date: 03-OCT-17 26-SEP-17 Date Received:

Previous Site Name: Lot/Building Size: Additional Info Ordered:

Municipality:

Client Prov/State: ON Search Radius (km): .25

X: -79.59074 Y: 43.549261

15 1 of 16 79.8 HYDRO MISSISSAUGA

30 STAVEBANK RD. C/O 3240 MAVIS ROAD

MISSISSAUGA ON L5G 2T5

Generator No: ON0124328 PO Box No: Status: Country: Approval Years: 88 Choice of Contact: Contam. Facility: Co Admin:

MHSW Facility: Phone No Admin:

SIC Code: 4911 ELECT. POWER SYS. SIC Description:

Detail(s)

Waste Class:

ALKALINE WASTES - HEAVY METALS Waste Class Desc:

2 of 16 79.8 MISSISSAUGA HYDRO 15 **GEN**

30 STAVEBANK RD. C/O 3240 MAVIS ROAD

MISSISSAUGA ON L5G 2T5

ON0124328 Generator No: PO Box No: Status: Country:

Choice of Contact: Approval Years: 89,90 Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

SIC Code: 4911

SIC Description: ELECT. POWER SYS.

Detail(s)

Waste Class:

Waste Class Desc: ALKALINE WASTES - HEAVY METALS **GEN**

Map Key Number of Elevation Site DB Records (m)

15 3 of 16 79.8 MISSISSAUGA HYDRO 25-460

30 STAVEBANK RD. C/O 3240 MAVIS ROAD

PO Box No:

MISSISSAUGA ON L5G 2T5

Generator No: ON0124328 Status:

Approval Years:

Contam. Facility:

2,93,94,95,96,97 **Choice of Contact: Co Admin:**

MHSW Facility:

Phone No Admin:

GEN

GEN

GEN

GEN

Order No: 21010600151

SIC Code: 4911

SIC Description: ELECT. POWER SYS.

Detail(s)

Waste Class: 121

Waste Class Desc: ALKALINE WASTES - HEAVY METALS

15 4 of 16 79.8 MISSISSAUGA HYDRO

30 STAVEBANK ROAD MISSISSAUGA ON L5G 2T5

Generator No: ON0124328 PO Box No: Status: Country:

Approval Years: 98

Country:

Choice of Contact:

Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

SIC Code: 4911

SIC Description: ELECT. POWER SYS.

Detail(s)

Waste Class: 121

Waste Class Desc: ALKALINE WASTES - HEAVY METALS

15 5 of 16 79.8 ENERSOURCE HYDRO MISISSAUGA

30 STAVEBANK ROAD MISSISSAUGA ON L5G 2T5

 Generator No:
 ON0124328
 PO Box No:

 Status:
 Country:

Approval Years: 02,03,04,05,06,07,08 Choice of Contact:
Contam. Facility: Co Admin:
MHSW Facility: Phone No Admin:

SIC Code: SIC Description:

Detail(s)

Waste Class: 121

Waste Class Desc: ALKALINE WASTES - HEAVY METALS

15 6 of 16 79.8 MISS.HYDRO (SEE&USE ON0124328)

30 STAVEBANK RD. MISSISSAUGA C/O 3240 MAVIS ROAD

MISSISSAUGA ON L5G 2T5

Generator No: ON01243828 PO Box No: Status: Country:

Status:Country:Approval Years:88Choice of Contact:Contam. Facility:Co Admin:MHSW Facility:Phone No Admin:

SIC Code: 0000

Number of Elevation DΒ Map Key Site Records *** NOT DEFINED *** SIC Description:

15 7 of 16 79.8 MISSISSAUGA HYDRO **GEN** 30 STAUEBANK ROAD

MISSISSAUGA ON L5C 3K1 Generator No: ON1675305 PO Box No:

Status: Country: Choice of Contact: 97,98,99,00,01 Approval Years: Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

SIC Code: 4911

SIC Description: ELECT. POWER SYS.

Detail(s)

Waste Class: 121

Waste Class Desc: ALKALINE WASTES - HEAVY METALS

ENERSOURCE HYDRO MISISSAUGA 15 8 of 16 79.8 **GEN** 30 STAVEBANK ROAD

MISSISSAUGA ON

ON0124328 Generator No: PO Box No: Country: Status:

Approval Years: 2013 Choice of Contact: Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

SIC Code: 221111

SIC Description: HYDRO-ELECTRIC POWER GENERATION

Detail(s)

Waste Class: 243 Waste Class Desc: **PCBS**

Waste Class: 121

Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class:

OIL SKIMMINGS & SLUDGES Waste Class Desc:

15 9 of 16 79.8 30 Stavebank Rd **EHS** Mississagua ON L5G 2T5

Order No: 20090618017 Nearest Intersection: Municipality:

Status: С Report Type: Standard Select Report

Client Prov/State: ON Report Date: 6/26/2009 Search Radius (km): 0.25 6/18/2009 -79.587133 Date Received: X: Previous Site Name: Y: 43.552805

Lot/Building Size: Additional Info Ordered:

> 15 10 of 16 79.8 ENERSOURCE HYDRO MISISSAUGA

30 STAVEBANK ROAD MISSISSAUGA ON L5G 2T5 **GEN**

Order No: 21010600151

ON0124328 Generator No: PO Box No:

(m) Status: Country:

2009 Approval Years: Choice of Contact: Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

221111 SIC Code:

SIC Description: Hydro-Electric Power Generation

Detail(s)

Waste Class: 121

Records

Waste Class Desc: ALKALINE WASTES - HEAVY METALS

ENERSOURCE HYDRO MISISSAUGA 15 11 of 16 79.8 **GEN**

30 STAVEBANK ROAD MISSISSAUGA ON L5G 2T5

Generator No: ON0124328 PO Box No: Status: Country:

2010 Approval Years: Choice of Contact: Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

SIC Code: 221111

SIC Description: Hydro-Electric Power Generation

Detail(s)

Waste Class: 121

ALKALINE WASTES - HEAVY METALS Waste Class Desc:

12 of 16 ENERSOURCE HYDRO MISISSAUGA 15 79.8 **GEN** 30 STAVEBANK ROAD

MISSISSAUGA ON L5G 2T5

ON0124328 Generator No: PO Box No: Status: Country:

Approval Years: 2011 Choice of Contact: Co Admin: Contam. Facility: MHSW Facility: Phone No Admin:

221111 SIC Code:

SIC Description: Hydro-Electric Power Generation

Detail(s)

Waste Class:

Waste Class Desc: ALKALINE WASTES - HEAVY METALS

13 of 16 79.8 ENERSOURCE HYDRO MISISSAUGA 15 **GEN** 30 STAVEBANK ROAD

Order No: 21010600151

MISSISSAUGA ON L5G 2T5

Generator No: ON0124328 PO Box No: Status: Country:

Choice of Contact: Approval Years: 2012 Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

SIC Code: 221111

SIC Description: Hydro-Electric Power Generation

Detail(s)

Мар Кеу	Number Record		Site		DB
Waste Class: Waste Class Desc:		121 ALKALINE WA			
<u>15</u>	14 of 16	79.8	Alectra Utilities Corp 30 Stavebank Road Mississauga ON L5G 2T9	GEN	
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:		ON5043635 Registered As of Dec 2018	PO Box No: Country: Choice of Contac Co Admin: Phone No Admin:		
Detail(s)					
Waste Class: Waste Class Desc:		252 T Waste crankcas			
<u>15</u>	15 of 16	79.8	Alectra Utilities Corp 30 Stavebank Road Mississauga ON L5G 2T9		GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:		ON5043635 Registered As of Jul 2020	PO Box No: Country: Choice of Contac Co Admin: Phone No Admin:		
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:		252 T Waste crankcas			
<u>15</u>	16 of 16	79.8	Alectra Utilities Corp 30 Stavebank Road Mississauga ON L5G 2T9		GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:		ON5043635 Registered As of Jan 2021	PO Box No: Country: Choice of Contac Co Admin: Phone No Admin:		
Detail(s)					
Waste Class: Waste Class Desc:		252 T Waste crankcas	se oils and lubricants		
<u>16</u>	1 of 2	79.7	LAKEPORT METALCRAFT 10 QUEEN ST W PORT CREDIT ON L5H 1L4	10 QUEEN ST W	
Established	:	1968			

Order No: 21010600151

Number of Elevation Site DΒ Map Key Records (m) 0 Plant Size (ft2): 2 Employment: --Details--Description: FABRICATED METAL PRODUCTS, NOT ELSEWHERE CLASSIFIED SIC/NAICS Code: 3499 79.7 16 2 of 2 Lakeport Metalcraft SCT 10 Queen St W Mississauga ON L5H 1L4 Established: 01-AUG-68 Plant Size (ft2): Employment: --Details--All Other Miscellaneous Fabricated Metal Product Manufacturing Description: SIC/NAICS Code: 332999 17 1 of 3 77.9 THE REGIONAL MUNICIPALITY OF PEEL **EASR** 182 ROSEMERE RD MISSISSAUGA ON L5G 1S4 R-009-4112024343 Credit Valley Approval No: SWP Area Name: Status: REGISTERED **MOE District:** Halton-Peel Date: 2020-02-11 Municipality: **MISSISSAUGA** 43.55388889 **EASR** Record Type: Latitude: Link Source: **MOFA** Longitude: -79.59027778 Project Type: Water Taking - Construction Dewatering Geometry X: -8859949.1943 Geometry Y: 5396663.018600002 Full Address: Approval Type: EASR-Water Taking - Construction Dewatering http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2218357 Full PDF Link: 17 2 of 3 77.9 The Regional Municipality of Peel **ECA** 182 Rosemere Rd Mississauga ON L6T 4B9 Approval No: 3043-BMVPEE **MOE District:** Approval Date: 2020-04-14 City: Approved Status: Longitude: **ECA** Record Type: Latitude: Link Source: **IDS** Geometry X: SWP Area Name: Geometry Y: **ECA-AIR** Approval Type: Project Type: AIR The Regional Municipality of Peel **Business Name:** Address: 182 Rosemere Rd Full Address:

Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/3116-BD4HZ3-14.pdf

17 3 of 3 77.9 THE REGIONAL MUNICIPALITY OF PEEL 182 ROSEMERE RD EASR

Order No: 21010600151

MISSISSAUGA ON L5G 1S4

Approval No:R-009-4112024343SWP Area Name:Credit ValleyStatus:REGISTEREDMOE District:Halton-Peel

Number of Elevation DΒ Map Key Site

2020-06-09 Municipality:

MISSISSAUGA Date: Record Type: **EASR** Latitude: 43.55388889 Link Source: **MOFA** Longitude: -79.59027778

Project Type: Water Taking - Construction Dewatering Geometry X: Full Address: Geometry Y:

Approval Type: EASR-Water Taking - Construction Dewatering

(m)

Records

Full PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2257577

1 of 1 78.8 18 PETRO-CANADA

39 STAVEVANK RD. MISSISSAUGA REFINERY/LUBRICANTS

SPL

EHS

SPL

Order No: 21010600151

CENTRE 385 SOUTHDOWN ROAD

MISSISSAUGA CITY ON

Ref No: 85609 Discharger Report:

Site No: Material Group: Incident Dt: 5/14/1993 Health/Env Conseq:

Year: Client Type: Incident Cause: PIPE/HOSE LEAK Sector Type: Incident Event: Agency Involved:

Contaminant Code: Nearest Watercourse: Contaminant Name: Site Address: Site District Office: Contaminant Limit 1: Contam Limit Freg 1: Site Postal Code: Contaminant UN No 1: Site Region:

Environment Impact: CONFIRMED Site Municipality: 21102

Nature of Impact: Air Pollution Site Lot: Receiving Medium: Site Conc: **AIR**

79.8

Receiving Env: Northing: 4817190.00 MOE Response: Easting: 612350.00

Dt MOE Arvl on Scn: Site Geo Ref Accu: 5/14/1993 Site Map Datum: **MOE** Reported Dt: SAC Action Class: **Dt Document Closed:** Incident Reason: CORROSION Source Type:

Site Name: Site County/District: Site Geo Ref Meth:

Incident Summary: PETRO-CANADA -4500KG HOT ASPHALT TO CONTAINED AREAFUMES/VAPOURS TO ATM.

Contaminant Qty:

19

1 of 1

29 Mississauga Road North

Mississauga ON L5H 2H7 20050818011 Order No: Nearest Intersection: Mississauga Rd N & Lakeshore Rd E

Status: Municipality:

Report Type: Complete Report Client Prov/State: ON Report Date: 8/23/2005 Search Radius (km): 0.25

8/18/2005 -79.590754 Date Received: X: Previous Site Name: Y: 43.549326 Lot/Building Size: Additional Info Ordered:

The Regional Municipality of Peel 20 1 of 1 79.6

70 Park St West Mississauga ON

Ref No: 7557-ASXSVH Discharger Report: Site No: Material Group: NA

Incident Dt: 2017/11/09 Health/Env Conseq: 2 - Minor Environment Year: Client Type: Municipal Government

Incident Cause: Sector Type: Other

Records (m)

Incident Event: Leak/Break Agency Involved: Contaminant Code:

Nearest Watercourse: Contaminant Name: SEDIMENT(SUSPENDED SOLIDS/ SAND/ Site Address: 70 Park St West

SILT)

Contaminant Limit 1: Site District Office: Halton-Peel Contam Limit Freq 1: Site Postal Code:

Contaminant UN No 1: Site Region: n/a Central **Environment Impact:** Site Municipality: Mississauga Nature of Impact:

Site Lot: Receiving Medium: Site Conc: Surface Water Northing:

Receiving Env: 4823458.53 MOE Response: Easting: 614239.09 Yes

Dt MOE Arvl on Scn: 2017/11/17 Site Geo Ref Accu: 2017/11/09 MOE Reported Dt: Site Map Datum:

Dt Document Closed: 2018/01/24 SAC Action Class: Watercourse Spills Incident Reason: Operator/Human Error Source Type: Pipeline/Components

Watermain Break - Lake Ontario<UNOFFICIAL> Site Name:

Regional Municipality of Peel Site County/District:

Site Geo Ref Meth: Incident Summary: Region of Peel - Watermain Break - Sediment to Lake Ontario

Contaminant Qty:

R.M. OF PEEL 1 of 4 78.1 21 CA

182 ROSEMERE RD. SEW. P.S. MISSISSAUGA CITY ON

8-3553-94-Certificate #: Application Year: 94

1/23/1995 Issue Date: Industrial air Approval Type: Status: Approved in 1995

Application Type: Client Name: Client Address: Client City: Client Postal Code:

STANDBY GEN-SET FOR SEWAGE PUMP STATION Project Description:

Contaminants: Nitrogen Oxides, Sulphur Dioxide

Emission Control: No Controls

21 2 of 4 78.1 R.M. OF PEEL CA

182 ROSEMERE RD. SEW P.S. MISSISSAUGA CITY ON

3-1313-94-Certificate #: Application Year: 94 Issue Date: 11/1/1994 Approval Type: Municipal sewage Status: Approved

Client Name: Client Address: Client City: Client Postal Code: **Project Description:** Contaminants: **Emission Control:**

Application Type:

3 of 4 78.1 R.M. OF PEEL 21 CA 182 ROSEMERE RD. SEWAGE P.S.

Order No: 21010600151

Records (m)

MISSISSAUGA CITY ON

3-1313-94-Certificate #: Application Year: 94 11/2/1994 Issue Date: Municipal sewage Approval Type:

Status: Approved Application Type: Client Name:

Client City: Client Postal Code: Project Description: Contaminants: **Emission Control:**

Client Address:

Certificate #:

4 of 4 78.1 R.M. OF PEEL 21 CA

182 ROSEMERE RD. SEW. P.S. MISSISSAUGA CITY ON

3-1313-94-

Application Year: 94 10/14/1994 Issue Date: Approval Type: Municipal sewage Status: Cancelled

Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: **Emission Control:**

> 1 of 5 80.9 **ACTIVE ENGINE REBUILDING INC** 22

> > 22 QUEEN ST W UNIT 3

SCT

Order No: 21010600151

MISSISSAUGA ON L5H 1L4

Established: 1978

Plant Size (ft2):

Employment: 10

--Details--

Description: MOTOR VEHICLE PARTS & ACCESSORIES

SIC/NAICS Code: 3714

ACTIVE ENGINE 2 of 5 80.9 **22 GEN** 22 QUEEN ST.

MISSISSAUGA ON L5H 1L4

Generator No: ON0942900 PO Box No:

Country: Status: Approval Years: 86,87,88,89,90 Choice of Contact: Contam. Facility: Co Admin: Phone No Admin:

MHSW Facility: SIC Code: 6359

SIC Description: OTHER VEH. REPAIR

Records (m)

Detail(s)

Waste Class: 122

Waste Class Desc: ALKALINE WASTES - OTHER METALS

22 3 of 5 80.9 ACTIVE ENGINE (OUT OF BUS)
GEN

22 QUEEN ST.

MISSISSAUGA ON L5H 1L4

 Generator No:
 ON0942900
 PO Box No:

 Status:
 Country:

Approval Years:92,93,96,97,98Choice of Contact:Contam. Facility:Co Admin:MHSW Facility:Phone No Admin:

SIC Code: 6359

SIC Description: OTHER VEH. REPAIR

Detail(s)

Waste Class: 122

Waste Class Desc: ALKALINE WASTES - OTHER METALS

22 4 of 5 80.9 ACTIVE ENGINE 01-227
32 OUEFN ST. GEN

22 QUEEN ST.

MISSISSAUGA ON L5H 1L4

Generator No: ON0942900 PO Box No: Status: Country:

Approval Years: 94,95 Choice of Contact:
Contam. Facility: Co Admin:
MHSW Facility: Phone No Admin:

SIC Code: 6359

SIC Description: OTHER VEH. REPAIR

Detail(s)

Waste Class: 122

Waste Class Desc: ALKALINE WASTES - OTHER METALS

22 5 of 5 80.9 STUD WOODWORKING INC 22 QUEEN ST WEST UNIT #3

Order No: 21010600151

MISSISSAUGA ON L5H 1L4

MISSISSAUGA ON L5H 1L

Generator No:ON6344600PO Box No:Status:Country:Approval Years:05Choice of Contact:

Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

SIC Code: 333990

SIC Description: All Other General-Purpose Machinery Manufacturing

Detail(s)

Waste Class: 145

Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

> Records (m)

1 of 1 80.5 Enersource Hydro Mississauga Inc. 23 SPL 1162 Mississauga Road

Electric Power Generation

GEN

Order No: 21010600151

Land Spills

Mississauga ON

Ref No: 2632-A99MYK Discharger Report: Material Group: Site No: NA Incident Dt: 2016/04/22 Health/Env Conseq: Year:

Client Type:

Incident Cause: Sector Type: Incident Event: Operator/Human error Agency Involved:

Contaminant Code: Nearest Watercourse:

Contaminant Name: TRANSFORMER OIL (N.O.S.) Site Address: 1162 Mississauga Road

Contaminant Limit 1: Site District Office: Site Postal Code: Contam Limit Freq 1: Contaminant UN No 1: Site Region:

Environment Impact: Site Municipality: Mississauga

Nature of Impact: Site Lot: Receiving Medium: Site Conc: Receiving Env: Northing: Land MOE Response: Nο Easting:

Dt MOE Arvl on Scn: Site Geo Ref Accu:

MOE Reported Dt: 2016/04/22 Site Map Datum: Dt Document Closed: 2016/08/04 SAC Action Class:

Incident Reason: Operator/Human Error Source Type:

1162 Mississauga Road < UNOFFICIAL> Site Name:

Site County/District: Site Geo Ref Meth:

Incident Summary: Enersource: ~20L transformer oil to grd

Contaminant Qty: 20 L

1173, 1179 and 1193 Mississauga Road 24 1 of 1 80.9 CA Mississauga ON

Certificate #: 4459-4ZWP55

Application Year: 8/28/01 Issue Date:

Approval Type: Municipal & Private sewage

Status: Approved

Application Type: New Certificate of Approval Client Name: 1445631 Ontario Inc. 353 Douglas Avenue Client Address:

Client City: Oakville Client Postal Code: L6J 3S7

1 of 1

Project Description: This application is for the construction of sanitary sewers and sanitary forcemain to service Mississauga Road.

Contaminants: **Emission Control:**

25

SCOTT TANK CLEANING CO.LTD

28 Quenn st. west unit 1 mississauga ON L1T 3L8

Generator No: ON7768061 PO Box No:

81.7

Registered Country: Canada Status:

As of Oct 2019 Approval Years: Choice of Contact: Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

SIC Code: SIC Description:

Detail(s)

Number of Elevation Site DΒ Map Key Records (m)

Waste Class: 251 L

Waste oils/sludges (petroleum based) Waste Class Desc:

Waste Class: Waste Class Desc: Light fuels

1 of 1 80.9 1445631 Ontario Inc. 26

1173, 1179 and 1193 Mississauga Road

ECA

GEN

Order No: 21010600151

Mississauga ON L6J 3S7

4459-4ZWP55 **MOE District:** Halton-Peel Approval No:

Approval Date: 2001-08-28 City:

Longitude: Approved -79.5989 Status: ECA Latitude: 43.5539 Record Type:

Link Source: IDS Geometry X: SWP Area Name: Credit Valley Geometry Y: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type:

Business Name: 1445631 Ontario Inc.

Address: 1173, 1179 and 1193 Mississauga Road

Full Address:

Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6729-4Z5L3T-14.pdf

MISSISSAUGA HYDRO PCB **27** 1 of 2 79.8

12 PARK ST. EAST C/O 3355 MAVIS RD. MISSISSAUGA ON L5G 1L5

ON0124334 Generator No: PO Box No:

Status: Country: Choice of Contact: Approval Years: 90 Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

0000 SIC Code:

SIC Description: *** NOT DEFINED ***

2 of 2 MISSISSAUGA HYDRO PCB 00-000 **27** 79.8 **GEN**

12 PARK ST. EAST C/O 3355 MAVIS RD.

MISSISSAUGA ON L5G 1L5

Generator No: ON0124334 PO Box No: Status: Country:

92,93,94 Choice of Contact: Approval Years: Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

SIC Code: 0000

*** NOT DEFINED *** SIC Description:

SCOTT TANK CLEANING CO.LTD 1 of 1 82.0 28 **GEN** 28 Quenn st. west unit 1

mississauga ON L1T 3L8

Generator No: ON7768061 PO Box No:

Registered Country: Canada Status:

As of Dec 2018 Choice of Contact: Approval Years: Contam. Facility: Co Admin: MHSW Facility: Phone No Admin: SIC Code:

Detail(s)

SIC Description:

221 I Waste Class: Waste Class Desc: Light fuels

Waste Class: 251 L

Records

Waste Class Desc: Waste oils/sludges (petroleum based)

(m)

SCOTT TANK CLEANING CO.LTD 29 1 of 5 82.3

GEN

GEN

GEN

Order No: 21010600151

28 Quenn st. west unit 1 mississauga ON

Choice of Contact:

Phone No Admin:

Choice of Contact:

Co Admin: Phone No Admin:

PO Box No:

Co Admin:

Choice of Contact:

Phone No Admin:

Country:

Canada

CO_OFFICIAL

Co Admin:

Generator No: ON7768061 PO Box No: Country:

Status:

Approval Years: 2013

Contam. Facility:

MHSW Facility: SIC Code:

445544, 811311 SIC Description:

Detail(s)

Waste Class:

OIL SKIMMINGS & SLUDGES Waste Class Desc:

Waste Class:

LIGHT FUELS Waste Class Desc:

2012

82.3 SCOTT TANK CLEANING CO.LTD 29 2 of 5 **GEN**

28 Quenn st. west unit 1 mississauga ON

Generator No: ON7768061 PO Box No: Status: Country:

Approval Years:

Contam. Facility: MHSW Facility:

SIC Code: 445544, , 811311

SIC Description:

29 3 of 5 82.3 SCOTT TANK CLEANING CO.LTD 28 Quenn st. west unit 1 mississauga ON L1T 3L8

ON7768061 Generator No:

Approval Years: 2015

Contam. Facility: No MHSW Facility: No

SIC Code: 445544, 811311

445544, 811311 SIC Description:

Detail(s)

Status:

Waste Class: 221

Waste Class Desc: LIGHT FUELS

Waste Class: 251

Waste Class Desc: **OIL SKIMMINGS & SLUDGES**

29 4 of 5 82.3 SCOTT TANK CLEANING CO.LTD

Records

28 Quenn st. west unit 1 mississauga ON L1T 3L8

ON7768061 Generator No:

Status:

Approval Years: Contam. Facility: MHSW Facility:

2016 No No

SIC Code:

445544, 811311

SIC Description: 445544, 811311

251

OIL SKIMMINGS & SLUDGES

OIL SKIMMINGS & SLUDGES

(m)

Detail(s)

Waste Class:

Waste Class Desc:

Waste Class: 221

Waste Class Desc:

LIGHT FUELS

29 5 of 5

82.3

ON7768061

Status: Approval Years:

2014 Contam. Facility: Nο MHSW Facility: No

Generator No:

445544, 811311 SIC Code:

SIC Description:

445544, 811311

LIGHT FUELS

Detail(s)

Waste Class:

Waste Class Desc:

221

Waste Class:

1 of 1

Waste Class Desc:

79.8

251

EDENSHAW PARK DEVELOPMENTS LIMITED

SWP Area Name:

MOE District:

Municipality:

Latitude:

21 Park ST E

Mississauga ON L5G 1L7

Approval No: Status: Date:

30

REGISTERED 2019-02-27 **EASR MOFA**

Link Source: Project Type: Full Address:

Record Type:

Water Taking - Construction Dewatering

Approval Type: EASR-Water Taking - Construction Dewatering

R-009-9111044549

http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2130466

Full PDF Link:

82.5

34 Queen St W

Scott Tank Cleaning Company Limited

City:

MOE District:

Longitude:

Mississauga ON L5H 1L4

Approval No: A8473 Approval Date: 2006-06-03 Status:

1 of 1

Approved

PO Box No:

Country: Choice of Contact:

Co Admin: Phone No Admin:

Canada CO_OFFICIAL

GEN

PO Box No:

SCOTT TANK CLEANING CO.LTD

28 Quenn st. west unit 1 mississauga ON L1T 3L8

> Country: Choice of Contact:

Co Admin:

Canada CO_OFFICIAL

Phone No Admin:

EASR

Toronto Metro Toronto

Mississauga 43.64027778 -79.45416667

Longitude: Geometry X: Geometry Y:

ECA

31

 Record Type:
 ECA
 Latitude:

 Link Source:
 IDS
 Geometry X:

 SWP Area Name:
 Geometry Y:

(m)

Approval Type: ECA-WASTE MANAGEMENT SYSTEMS
Project Type: WASTE MANAGEMENT SYSTEMS
Business Name: Scott Tank Cleaning Company Limited

Address: 34 Queen St W

Full Address:

Records

Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4618-6NRP4B-14.pdf

32 1 of 1 80.3 1142 Mona Road Mississauga ON EHS

Order No:20170501137Nearest Intersection:Status:CMunicipality:

 Report Type:
 RSC Report (Urban)
 Client Prov/State:
 ON

 Report Date:
 05-MAY-17
 Search Radius (km):
 .3

 Date Received:
 01-MAY-17
 X:
 -79.589328

 Previous Site Name:
 Y:
 43.555052

Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans

33 1 of 7 82.8 H-DO ALL 34 QUEEN ST W UNIT 3

MISSISSAUGA ON L5H 1L4

Established: 1990
Plant Size (ft²): 750
Employment: 1

--Details--

Description: Residential Building Construction

SIC/NAICS Code: 231210

Description: Finish Carpentry and Wood Flooring Work

SIC/NAICS Code: 232460

Description: Wood Kitchen Cabinet and Counter Top Manufacturing

SIC/NAICS Code: 337110

33 2 of 7 82.8 SCOTT TANK CLEANING CO. LTD.
34 QUEEN STREET WEST UNIT 3

Order No: 21010600151

MISSISSAUGA ON L5H 1L4
PO Box No:

Generator No: ON0156800 PO Box No: Status: Country:

Approval Years:86,87,88,89,90Choice of Contact:Contam. Facility:Co Admin:MHSW Facility:Phone No Admin:

SIC Code: 9999

SIC Description: OTHER SERVICES

Detail(s)

Waste Class: 222

Waste Class Desc: HEAVY FUELS

Records (m)

33 3 of 7 82.8 SCOTT TANK CLEANING CO LTD
34 QUEEN STREET WEST UNIT 3
MISSISSAUGA ON L5H 1L4

Generator No: ON0156800 PO Box No:

Status: Country: Approval Years: 92,93,97 Choice of Contact:

Contam. Facility:

MHSW Facility:

SIC Code:

9999

SIC Code: 9999 SIC Description: OTHER SERVICES

,

Detail(s)

Waste Class: 111

Waste Class Desc: SPENT PICKLE LIQUOR

Waste Class: 112

Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 113

Waste Class Desc: ACID WASTE - OTHER METALS

Waste Class: 114

Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 211

Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 222

Waste Class Desc: HEAVY FUELS

Waste Class: 251

Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 253

Waste Class Desc: EMULSIFIED OILS

33 4 of 7 82.8 SCOTT TANK CLEANING CO. LTD. 34-137

GEN

Order No: 21010600151

34 QUEEN STREET WEST UNIT 3 MISSISSAUGA ON L5H 1L4

 Generator No:
 ON0156800
 PO Box No:

 Status:
 Country:

Approval Years: 94,95,96 Choice of Contact:
Contam. Facility: Co Admin:
MHSW Facility: Phone No Admin:

SIC Code: 9999

SIC Description: OTHER SERVICES

Detail(s)

Waste Class: 111

Waste Class Desc: SPENT PICKLE LIQUOR

Waste Class: 112

Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 113

Waste Class Desc: ACID WASTE - OTHER METALS

Records (m)

Waste Class: 114

Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 211

Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 222

Waste Class Desc: HEAVY FUELS

Waste Class: 25°

Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 253

Waste Class Desc: EMULSIFIED OILS

33 5 of 7 82.8 SCOTT TANK CLEANING COMPANY LIMITED

34 QUEEN STREET WEST UNIT 3 MISSISSAUGA ON L5H 1L4

Co Admin:

Phone No Admin:

 Generator No:
 ON0156800
 PO Box No:

 Status:
 Country:

Status: Country: Approval Years: 98,99,00,01 Choice of Contact:

Contam. Facility: MHSW Facility:

SIC Code: 9999

SIC Description: OTHER SERVICES

Detail(s)

Waste Class: 251

Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 253

Waste Class Desc: EMULSIFIED OILS

Waste Class: 11

Waste Class Desc: SPENT PICKLE LIQUOR

Waste Class: 112

Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 113

Waste Class Desc: ACID WASTE - OTHER METALS

Waste Class: 114

Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 211

Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 222

Waste Class Desc: HEAVY FUELS

33 6 of 7 82.8 SCOTT TANK CLEANING COMPANY LIMITED

34 QUEEN STREET WEST UNIT 4

MISSISSAUGA ON L5H 1L4

GEN

GEN

Records (m)

Generator No: ON0156800 PO Box No: Status: Country:

Status: Country:
Approval Years: 02,03,04,05,06 Choice of Contact:
Contam. Facility: Co Admin:
MHSW Facility: Phone No Admin:
SIC Code:

Detail(s)

SIC Description:

Waste Class: 122

Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 123

Waste Class Desc: ALKALINE PHOSPHATES

Waste Class: 25°

Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 253

Waste Class Desc: EMULSIFIED OILS

Waste Class: 222

Waste Class Desc: HEAVY FUELS

Waste Class: 11

Waste Class Desc: SPENT PICKLE LIQUOR

Waste Class: 112

Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 113

Waste Class Desc: ACID WASTE - OTHER METALS

Waste Class: 114

Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 211

Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 221

Waste Class Desc: LIGHT FUELS

33 7 of 7 82.8 Scott Tank Cleaning Company Limited

34 Queen Street West Mississauga ON CA

Order No: 21010600151

 Certificate #:
 A8473

 Application Year:
 2006

 Issue Date:
 6/3/2006

Approval Type: Waste Management Systems

Status: Approved

Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description.

Client Postal Code: Project Description: Contaminants: Emission Control:

Records (m)

34 1 of 1 79.8 27 Park St E **EHS** Mississauga ON L5G1L7

20161114019 Order No: Nearest Intersection:

Status: Municipality: Mississauga Report Type: Standard Report Client Prov/State: ON Report Date: 18-NOV-16 Search Radius (km): .25

14-NOV-16 -79.587021 Date Received: X: Previous Site Name: **Y**: 43.553663

Lot/Building Size:

Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory

35 1 of 2 79.9 PIPELINE HIT - 1" **PINC** 162 INGLEWOOD DRIVE,,MISSISSAUGA,ON,L5G 1Y1,CA

ON

FS-Perform P-line Inc Invest

Miscellaneous Industrial

Order No: 21010600151

Incident ID: Fuel Category: Natural Gas

Incident No: 1837776 Health Impact: Incident Reported Dt: 4/1/2016 Environment Impact:

Type: FS-Pipeline Incident Property Damage: Yes

Service Interupt: Status Code:

Customer Acct Name: PIPELINE HIT - 1" Enforce Policy: Yes Public Relation:

162 INGLEWOOD DRIVE,, MISSISSAUGA, Incident Address: ON,L5G 1Y1,CA

Tank Status: Pipeline Damage Reason Est

Pipeline System: Task No: 6112688 Depth: Spills Action Centre: Pipe Material:

PSIG: Fuel Type:

Fuel Occurrence Tp: Attribute Category:

Date of Occurrence: Regulator Location:

2016/04/01 Method Details: Occurrence Start Dt: E-mail

Operation Type: Pipeline Type: Regulator Type:

162 INGLEWOOD DRIVE, MISSISSAUGA - PIPELINE HIT - 1" Summary:

Reported By: Peter Bettiol - enbridge

Affiliation: Occurrence Desc:

Damage Reason: Excavation practices not sufficient

Notes:

35 2 of 2 79.9 Enbridge Gas Distribution Inc. SPL 162 Inglewood Drive

Agency Involved:

Mississauga ON

2710-A8LNSB Ref No: Discharger Report: Site No: NA Material Group: Health/Env Conseq: Incident Dt: 2016/04/01

Year: Client Type: Incident Cause: Sector Type:

Incident Event: Operator/Human error

Contaminant Code: Nearest Watercourse:

Contaminant Name: NATURAL GAS (METHANE) Site Address: 162 Inglewood Drive

Contaminant Limit 1: Site District Office: Contam Limit Freq 1: Site Postal Code: Contaminant UN No 1: Site Region:

Environment Impact: Site Municipality: Mississauga

Nature of Impact: Site Lot: Receiving Medium: Site Conc:

Number of Elevation Site DΒ Map Key

Receiving Env: Air Northing: No

(m)

MOE Response: Easting: Dt MOE Arvl on Scn: Site Geo Ref Accu: 2016/04/01 MOE Reported Dt: Site Map Datum:

2016/08/16 Dt Document Closed: TSSA - Fuel Safety Branch - Hydrocarbon Fuel SAC Action Class:

Release/Spill

Source Type:

Incident Reason: Operator/Human Error

Records

Site Name: Site County/District: Site Geo Ref Meth:

Residence<UNOFFICIAL>

Incident Summary: TSSA FSB: 1" pl line damaged, made safe.

Contaminant Qty: 0 other - see incident description

R.M. OF PEEL 36 1 of 2 83.0

QUEEN ST.W/WESLEY AVE. MISSISSAUGA CITY ON

Certificate #: 3-0190-95-Application Year: 95 Issue Date: 3/3/1995

Municipal sewage Approval Type: Status: Approved

Application Type: Client Name: Client Address: Client City: Client Postal Code: **Project Description:** Contaminants: **Emission Control:**

> 36 2 of 2 83.0 R.M. OF PEEL

QUEEN ST.W/WESLEY AVE. MISSISSAUGA CITY ON

7-0139-95-Certificate #: Application Year: 95 3/3/1995 Issue Date: Municipal water Approval Type: Approved Status:

Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants:

Emission Control:

Enbridge Gas Distribution Inc.

26 Park Street Mississauga ON

Ref No: 2741-BG4W3L

Site No: NA Incident Dt: 9/17/2019

1 of 3

Year:

37

Incident Cause:

Leak/Break Incident Event: Contaminant Code:

Material Group: Health/Env Conseq:

Discharger Report:

2 - Minor Environment

Client Type: Corporation

Sector Type: Miscellaneous Industrial

Agency Involved: Nearest Watercourse:

erisinfo.com | Environmental Risk Information Services

79.8

Order No: 21010600151

CA

CA

SPL

Site DΒ Map Key Number of Elevation

> Records (m)

Contaminant Name: NATURAL GAS (METHANE) Site Address: 26 Park Street

Halton-Peel Contaminant Limit 1: Site District Office: Site Postal Code: Contam Limit Freg 1:

Contaminant UN No 1: 1075 Site Region: Central Site Municipality: **Environment Impact:** Mississauga Nature of Impact: Site Lot:

Receiving Medium: Site Conc: Receiving Env: Air Northing: MOE Response: No Easting: Dt MOE Arvl on Scn:

Site Geo Ref Accu: 9/17/2019 **MOE** Reported Dt: Site Map Datum:

Dt Document Closed: 9/28/2019 SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill

Incident Reason: Operator/Human Error Source Type: Pipeline/Components

Site Name: Residential<UNOFFICIAL> Site County/District: Regional Municipality of Peel Site Geo Ref Meth:

Incident Summary: TSSA FSB: 2" steel IP service natural gas strike to atm.

Contaminant Qty: 0 other - see incident description

2 of 3 79.8 **ENBRIDGE GAS INC** 37 **PINC** 26 PARK ST E,,MISSISSAUGA,ON,L5G 1L6,CA

ON Incident ID: Fuel Category:

Incident No: 2685652 Health Impact: Incident Reported Dt: 9/18/2019 **Environment Impact:** FS-Pipeline Incident Property Damage: Type: Status Code: Service Interupt:

ENBRIDGE GAS INC Customer Acct Name: Enforce Policy: Incident Address: 26 PARK ST E,,MISSISSAUGA,ON,L5G 1L6, Public Relation:

CA

Tank Status: Pipeline Damage Reason Est Pipeline System:

Depth: Task No: Spills Action Centre: Pipe Material:

Fuel Type: PSIG: Fuel Occurrence Tp: Attribute Category: Date of Occurrence: Regulator Location: Method Details: Occurrence Start Dt: Operation Type:

Reported By: Affiliation: Occurrence Desc:

Damage Reason:

Pipeline Type: Regulator Type: Summary:

Notes:

26 Park Street East 3 of 3 79.8 37 **EHS** Mississauga ON L5G 1L6

Order No: 21010600151

Order No: 20323000054 Nearest Intersection: С Status: Municipality:

Report Type: Standard Report Client Prov/State: ON Report Date: 05-JAN-21 Search Radius (km): .25

30-DEC-20 -79.5872519 Date Received: X: Y: Previous Site Name: 43.5541054 Lot/Building Size:

Additional Info Ordered: Fire Insur. Maps and/or Site Plans Map Key Number of Elevation Site DB Records (m)

38 1 of 1 82.9 92, 94, and 96 Park Street with 250 Lake Shore Road West(Part 3

only)

Mississauga ON

Order No: 20101109002 **Nearest**

Status: C

Report Type: Standard Report
Report Date: 11/17/2010
Date Received: 11/9/2010 8:31:08 AM

Previous Site Name: Lot/Building Size: Additional Info Ordered: Nearest Intersection: Municipality:

Client Prov/State: ON Search Radius (km): 0.25

X: -79.593879 **Y:** 43.548465

39 1 of 2 82.6 Joseph Batty

t--t------ ON LEU 0 14

Mississauga ON L5H 2J1

Approval No: 4551-5XMMDX **MOE District:** Halton-Peel 2004-04-01 Approval Date: City: Status: Approved Longitude: -79.596 Record Type: **ECA** Latitude: 43.55 Link Source: **IDS** Geometry X:

SWP Area Name: Credit Valley Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS

Business Name: Joseph Batty

Address: Full Address:

Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4581-5XFMNT-14.pdf

39 2 of 2 82.6 Joseph Batty

ECA

Order No: 21010600151

EHS

ECA

Mississauga ON L5H 2J1

Approval No: 6666-5XMMX2 MOE District: Halton-Peel

 Approval Date:
 2004-04-01
 City:

 Status:
 Approved
 Longitude:
 -79.596

 Record Type:
 ECA
 Latitude:
 43.550000000000000004

Link Source:IDSGeometry X:SWP Area Name:Credit ValleyGeometry Y:

Approval Type:ECA-Municipal Drinking Water SystemsProject Type:Municipal Drinking Water Systems

83.2

Business Name: Joseph Batty

Address: Full Address: Full PDF Link:

40

Enbridge Gas Distribution Inc.

62 Wesley Ave.

Mississauga ON

Ref No: 2746-AN9UPV

Site No:

Incident Dt: 6/12/2017

1 of 2

Year: Incident Cause:

Incident Event: Leak/Break

Contaminant Code: 35

Contaminant Name: NATURAL GAS (METHANE)

Discharger Report:

Material Group: Health/Env Conseq: 0 - N

Health/Env Conseq: 0 - No Impact Client Type: Corporation

Sector Type: Miscellaneous Industrial

Agency Involved: Nearest Watercourse:

Site Address: 62 Wesley Ave.

Map Key Number of Elevation Site DB

Records (m)

Contaminant Limit 1: Site District Office: Halton-Peel

Contam Limit Freq 1:Site Postal Code:Contaminant UN No 1:1075Site Region:CentralEnvironment Impact:Site Municipality:MississaugaNature of Impact:Site Lot:

 Receiving Medium:
 Site Conc:

 Receiving Env:
 Air
 Northing:
 4822688.56

 MOE Response:
 Easting:
 613605.88

Dt MOE Arvl on Scn:Site Geo Ref Accu:MOE Reported Dt:6/12/2017Site Map Datum:Dt Document Closed:SAC Action Class:

 Incident Reason:
 Operator/Human Error
 Source Type:
 Pipeline/Components

 Site Name:
 Linestrike<UNOFFICIAL>

Site Name: Linestrike<UNOFFICIAL>
Site County/District: Regional Municipality of Peel
Site Geo Ref Meth:

Incident Summary: TSSA FSB: 1/2" pl IP gas main dmged - made safe

Contaminant Qty: 0 other - see incident description

40 2 of 2 83.2 PIPELINE HIT 1/2" 62 WELSEY AVE...MISSISSAUGA,ON.L5H 2M9,CA PINC

ON

 Incident ID:
 Fuel Category:

 Incident No:
 2095652
 Health Impact:

 Incident Reported Dt:
 6/13/2017
 Environment Impact:

 Type:
 FS-Pipeline Incident
 Property Damage:

Status Code: Service Interupt: Customer Acct Name: PIPELINE HIT 1/2" Enforce Policy:

Incident Address: 62 WELSEY AVE,,MISSISSAUGA,ON,L5H Public Relation:

2M9,CA

Tank Status: Pipeline Damage Reason Est Pipeline System:

Task No: Depth:
Spills Action Centre: Pipe Material:

Fuel Type: PSIG:
Fuel Occurrence Tp: Attribute Category:
Date of Occurrence: Regulator Location:

Occurrence Start Dt: Method Details:
Operation Type:
Pipeline Type:
Regulator Type:
Summary:

41 1 of 1 83.9 87 Park Street West
Mississauga ON L5H 1L2

EHS

Order No: 21010600151

Order No:20080225034Nearest Intersection:Status:CMunicipality:

Status:CMunicipality:Report Type:Basic ReportClient Prov/State:ON

 Report Type:
 Basic Report
 Client Prov/State:
 ON

 Report Date:
 3/5/2008
 Search Radius (km):
 0.25

 Date Received:
 2/25/2008
 X:
 -79.593496

 Provious Site Name:
 V:
 43.548098

 Date Received:
 2/25/2008
 X:
 -79.593496

 Previous Site Name:
 Y:
 43.548098

 Lot/Building Size:
 Additional Info Ordered:

Reported By: Affiliation: Occurrence Desc: Damage Reason:

Notes:

Number of Elevation DΒ Map Key Site Records (m) 1 of 3 28 Elizabeth Street North 42 79.8 **EHS** Mississauga ON L5G 2Z6 20051130005 Park Street East Order No: Nearest Intersection: Status: Municipality: Client Prov/State: Report Type: Site Report ON Report Date: 12/1/2005 Search Radius (km): 0.25 -79.6753 Date Received: 11/30/2005 X: Y: 43.554739 Previous Site Name: Lot/Building Size: Additional Info Ordered:

42 2 of 3 79.8 Compten Management Inc.
28 Elizabeth Street North
Mississauga ON

 Ref No:
 7523-B46RN2
 Discharger Report:

 Site No:
 NA
 Material Group:

Incident Dt:2018/08/30Health/Env Conseq:2 - Minor EnvironmentYear:Client Type:Corporation

Incident Cause: Sector Type: Miscellaneous Communal

 Incident Event:
 Overflow/Surcharge

 Contaminant Code:
 13

 Nearest Watercourse:

Contaminant Name: DIESEL FUEL Site Address: 28 Elizabeth Street North

Contaminant Limit 1:Site District Office:Halton-PeelContam Limit Freq 1:Site Postal Code:

Contaminant UN No 1: 1202 Site Region: Central
Environment Impact: Site Municipality: Mississauga

Nature of Impact:
Site Lot:
Receiving Medium:
Site Conc:

 Receiving Env:
 Land
 Northing:
 4823385

 MOE Response:
 Yes
 Easting:
 614121

 Dt MOE Arvl on Scn:
 2018/09/05
 Site Geo Ref Accu:

 MOE Reported Dt:
 2018/08/31
 Site Map Date:

 Site Map Date:
 Site Map Date:
 Site Map Date:

Dt Document Closed:SAC Action Class:Land SpillsIncident Reason:Operator/Human ErrorSource Type:Other

Site Name: Apartment building - back of the building<

Site County/District: Regional Municipality of Peel

Site Geo Ref Meth:

Incident Summary: 28 Elizabeth: ~ 5 L of diesel to asphalt, cntd, clnup ongng

Contaminant Qty: 5 L

42 3 of 3 79.8 28 Elizabeth St N
Mississauga ON L5G 2Z6

EHS

Order No: 20200505105 Nearest Intersection:

 Status:
 C
 Municipality:

 Report Type:
 Standard Report
 Client Prov/State:
 ON

 Report Date:
 08-MAY-20
 Search Radius (km):
 .25

 Date Received:
 05-MAY-20
 X:
 -79.5873253

 Previous Site Name:
 Y:
 43.5549456

 Lot/Building Size:
 43.5549456

43 1 of 3 78.8 28 Elizabeth St N
Mississauga ON L5G 2Z6

EHS

Order No: 21010600151

Order No:20200505105Nearest Intersection:Status:CMunicipality:

Report Type: Standard Report Client Prov/State: ON

Additional Info Ordered:

Map Key Number of Elevation Site DB

Records (m)

08-MAY-20 Search Radius (km): .25

 Date Received:
 05-MAY-20
 X:
 -79.5873253

 Previous Site Name:
 Y:
 43.5549456

Lot/Building Size: Additional Info Ordered:

Report Date:

43 2 of 3 78.8 28 Elizabeth St N
Mississauga ON L5G 2Z6

EHS

Order No: 20200505105 Nearest Intersection:

Status:CMunicipality:Report Type:Standard ReportClient Prov/State:ON

 Report Date:
 08-MAY-20
 Search Radius (km):
 .25

 Date Received:
 05-MAY-20
 X:
 -79.5873253

 Previous Site Name:
 Y:
 43.5549456

Lot/Building Size: Additional Info Ordered:

Additional Info Ordered:

43 3 of 3 78.8 28 Elizabeth St N EHS Mississauga ON L5G 2Z6

Order No: 20200505105 Nearest Intersection:

Status: C Municipality:

Report Type:Standard ReportClient Prov/State:ONReport Date:08-MAY-20Search Radius (km):.25

 Date Received:
 05-MAY-20
 X:
 -79.5873253

 Previous Site Name:
 Y:
 43.5549456

 Lot/Building Size:
 43.5549456

44 1 of 1 79.8 Regional Municipality of Peel Elizabeth St. and Park St.

Ref No:5502-9EN45TDischarger Report:Site No:Material Group:

Incident Dt: 2013/12/22 Health/Env Conseq:
Year: Client Type:

Incident Cause: Leak/Break Sector Type: Water Supply

Incident Event: Agency Involved:
Contaminant Code: 99 Nearest Watercourse:

Contaminant Name: WATER Site Address: Elizabeth St. and Park St.

Mississauga ON

Contaminant Limit 1: Site District Office:
Contam Limit Freq 1: Site Postal Code:
Contaminant UN No 1: Site Region:

Environment Impact: Not Anticipated Site Municipality: Mississauga

Nature of Impact:Surface Water PollutionSite Lot:Receiving Medium:Site Conc:Receiving Env:Northing:

MOE Response:No Field ResponseEasting:Dt MOE Arvl on Scn:Site Geo Ref Accu:

Dt MOE Arvi on Scn:Site Geo Ref Accu:MOE Reported Dt:2013/12/22Site Map Datum:

Dt Document Closed: SAC Action Class: Watercourse Spills

Incident Reason: Equipment Failure Source Type:

Site Name: Elizabeth St. and Park St. < UNOFFICIAL>

Site County/District:
Site Geo Ref Meth:

Incident Summary: Region of Peel: Potable water to SS, Credit River, L. Ont.

Contaminant Qty: 0 other - see incident description

SPL

Map Key Number of Elevation Site DB

Records (m)

45 1 of 4 78.8 23 Elizabeth Street North
Mississauga ON L5G 2Z4

EHS

Order No: 21010600151

Order No:20200501130Nearest Intersection:Status:CMunicipality:

Report Type:Standard ReportClient Prov/State:ONReport Date:04-MAY-20Search Radius (km):.25

 Date Received:
 01-MAY-20
 X:
 -79.5870105

 Previous Site Name:
 Y:
 43.5548451

Lot/Building Size:

Additional Info Ordered: Fire Insur. Maps and/or Site Plans

45 2 of 4 78.8 23 Elizabeth Street North
Mississauga ON L5G 2Z4

EHS

Order No: 20200501130 Nearest Intersection:

 Status:
 C
 Municipality:

 Report Type:
 Standard Report
 Client Prov/State:
 ON

 Report Date:
 04-MAY-20
 Search Radius (km):
 .25

 Date Received:
 01-MAY-20
 X:
 -79.5870105

 Previous Site Name:
 Y:
 43.5548451

Lot/Building Size:

Additional Info Ordered: Fire Insur. Maps and/or Site Plans

45 3 of 4 78.8 23 Elizabeth Street North
Mississauga ON L5G 2Z4

EHS

Order No:20200501130Nearest Intersection:Status:CMunicipality:

Report Type:Standard ReportClient Prov/State:ONReport Date:04-MAY-20Search Radius (km):.25

 Date Received:
 01-MAY-20
 X:
 -79.5870105

 Previous Site Name:
 Y:
 43.5548451

Lot/Building Size:

Additional Info Ordered: Fire Insur. Maps and/or Site Plans

45 4 of 4 78.8 23 Elizabeth Street North
Mississauga ON L5G 2Z4

EHS

Order No: 20200501130 Nearest Intersection:

Status: C Municipality:

Report Type:Standard ReportClient Prov/State:ONReport Date:04-MAY-20Search Radius (km):.25

 Date Received:
 01-MAY-20
 X:
 -79.5870105

 Previous Site Name:
 Y:
 43.5548451

Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans

46 1 of 5 84.9 PLANT PRODUCTS CO. LTD.

70 WESLEY AVE. MISSISSAUGA CITY ON L5H 2M9

 Ref No:
 124695
 Discharger Report:

 Site No:
 Material Group:

 Incident Dt:
 4/9/1996
 Health/Env Conseq:

Year: 4/9/1996 Health/Env Co

Number of Elevation Site DΒ Map Key

21102

Records (m)

Incident Cause: OTHER CONTAINER LEAK Sector Type: Incident Event: Agency Involved: Contaminant Code: Nearest Watercourse: Contaminant Name: Site Address: Site District Office: Contaminant Limit 1:

Contam Limit Freg 1: Site Postal Code: Contaminant UN No 1: Site Region:

Environment Impact: POSSIBLE Site Municipality: Nature of Impact: Air Pollution Site Lot:

Site Conc: Receiving Medium: AIR Receiving Env: Northing: MOE Response: Easting: Dt MOE Arvl on Scn:

Site Geo Ref Accu: MOE Reported Dt: 4/9/1996 Site Map Datum: **Dt Document Closed:** SAC Action Class: Source Type:

Incident Reason: **UNKNOWN** Site Name:

Site County/District: Site Geo Ref Meth:

PLANT PRODUCTS LTD-2.7 KGPESTCIDE LEAK TO ATM FROMCANISTER AT CLEANUP SITE Incident Summary:

Contaminant Qty:

46 2 of 5 84.9 WESTAIRE AIRCOND & HEATING LTD.

70 WESLEY AVE.

MISSISSAUGA ON L5H 2M9

Generator No: ON0722200 PO Box No: Status: Country:

Approval Years: 86,87,88,89,90 Choice of Contact: Co Admin: Contam. Facility: Phone No Admin:

MHSW Facility:

SIC Code: 3071

HEATING EQUIP, IND. SIC Description:

Detail(s)

Waste Class: 213

Waste Class Desc: PETROLEUM DISTILLATES

46 3 of 5 84.9 WESTAIRE AIR CONDITIONING & HEATING LTD **GEN**

70 WESLEY AVENUE MISSISSAUGA ON L5H 2M9

Generator No: ON0722200 PO Box No: Status: Country:

Choice of Contact: Approval Years: 92,93,97,98 Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

SIC Code: 3071

HEATING EQUIP. IND. SIC Description:

Detail(s)

Waste Class: 213

Waste Class Desc: PETROLEUM DISTILLATES

46 4 of 5 84.9 WESTAIRE AIRCOND & HEATING LTD. 42-189 **GEN** 70 WESLEY AVE.

MISSISSAUGA ON L5H 2M9

GEN

DΒ Number of Elevation Site Map Key

ON0722200

Generator No: PO Box No: Status: Country:

(m)

Approval Years: 94,95,96 Choice of Contact: Contam. Facility: Co Admin: MHSW Facility: Phone No Admin:

SIC Code: 3071

HEATING EQUIP. IND. SIC Description:

Detail(s)

Waste Class: 213

Records

PETROLEUM DISTILLATES Waste Class Desc:

46 5 of 5 84.9 WESTAIRE AIR CONDITIONING & HEATING LTD.

70 WESLEY AVENUE MISSISSAUGA ON L5H 2M9

ON0722200 Generator No: PO Box No: Status: Country:

Approval Years: 99,00,01 Choice of Contact: Co Admin: Contam. Facility: MHSW Facility: Phone No Admin:

3071 SIC Code:

SIC Description: HEATING EQUIP. IND.

Detail(s)

Waste Class: 213

Waste Class Desc: PETROLEUM DISTILLATES

1 of 1 84.7 ANTORISA INVESTMENTS LTD. 47 GEN

70 WESLEY AVENUE MISSISSAUGA ON L5H 2M9

Generator No: ON8395630 PO Box No:

Status: Country: Canada 2015 Approval Years: Choice of Contact: CO_OFFICIAL

Contam. Facility: No Co Admin: MHSW Facility: No Phone No Admin:

SIC Code: 541990

ALL OTHER PROFESSIONAL, SCIENTIFIC AND TECHNICAL SERVICES SIC Description:

Detail(s)

Waste Class: 150

INERT INORGANIC WASTES Waste Class Desc:

GEN

Unplottable Summary

Total: 69 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	R.M. OF PEEL	FRONT ST. P.S.	MISSISSAUGA CITY ON	
CA	MISSISSAUGA CITY MISSISSAUGA VALLEY BLVD	TRISHA DOWNS MISSISSAUGA RD.	MISSISSAUGA CITY ON	
CA	MISSISSAUGA CITY	LAKESHORE RD. TURTLE CREEK	MISSISSAUGA CITY ON	
CA	THE ERIN MILLS DEVELOPMENT CORP.	MISSISSAUGA RD. 202A & 202B	MISSISSAUGA CITY ON	
CA	PETRO-CANADA PRODUCTS- LAKE ONTARIO REFIN	ZEBRA MUSSEL CONTROL PROGRAM	MISSISSAUGA CITY ON	
CA	The Regional Municipality of Peel	Mississauga Road	Mississauga ON	
CA	Petro-Canada Inc.	Block 172, Registered Plan 43M-1484	Mississauga ON	
CA	GLAXO CANADA INC.	MISSISSAUGA RD.	MISSISSAUGA CITY ON	
CA	R.M. OF PEEL	JOHN ST/LAKESHORE RD/HIGH ST.	MISSISSAUGA CITY ON	
CA	WINSTON-DUNDAS HOLDINGS LIMITED	MISSISSAUGA RD.	MISSISSAUGA CITY ON	
CA	GLAXO WELLCOME INC.	MISSISSAUGA RD.N., 8-3537-95	MISSISSAUGA CITY ON	
CA	CITY	MISSISSAUGA RD.	MISSISSAUGA ON	
CA	J.D.MCKICHAN	MISSISSAUGA RD.	MISSISSAUGA ON	
CA	Lorne Park Water Treatment Plant	Lakeshore Rd. West	Mississauga ON	
CA		Mississauga Road	Mississauga ON	
CA	R.M. OF PEEL	JOHN ST/LAKESHORE RD/HIGH ST.	MISSISSAUGA CITY ON	
CA	LAPAD DEVELOPMENTS LTD. LAPAD SUDB.	STREET A MISSISSAUGA RD.	MISSISSAUGA CITY ON	
CA	R.M. OF PEEL	STAVEBANK RD.	MISSISSAUGA CITY ON	

CA	WILSONDALE INVESTMENTS INC./E. FERRARI	QUEEN ST. W./LORN PARK PLAZA	MISSISSAUGA CITY ON	
CA	949747 ONTARIO LIMITED	QUEEN ST.W.,P.T.LOT 24,CONC.2	MISSISSAUGA CITY ON	
CA	GLAXO CANADA INC.	MISSISSAUGA RD.	MISSISSAUGA CITY ON	
CA	WILSONDALE INVESTMENTS INC./E. FERRARI	QUEEN ST. W./LORNE PARK PLAZA	MISSISSAUGA CITY ON	
CA	WINSTON-DUNDAS HOLDINGS LIMITED	MISSISSAUGA RD.	MISSISSAUGA CITY ON	
CA	CITY OF MISSISSAUGA	CLEARVIEW CREEK LAKESHORE RD.	MISSISSAUGA CITY ON	
CA	G.L. BALL CLEARVIEW CREEK CANNELIZATION	LAKESHORE RD.	MISSISSAUGA CITY ON	
CA	SETCHELL & MCKINNON LTD.	JOHN ST.	MISSISSAUGA CITY ON	
CA	740472 ONTARIO LIMITED	JOHN STREET OUTFALL	MISSISSAUGA CITY ON	
CA	R.M. OF PEEL	MISSISSAUGA RD.	MISSISSAUGA CITY ON	
CA	LAPAD DEVELOPMENTS LAPAD SUBD.	STREET A MISSISSAUGA RD.	MISSISSAUGA CITY ON	
CA	MISSISSAUGA CITY	STAVEBANK RD.	MISSISSAUGA CITY ON	
ECA	Antorisa Investments Ltd.		Mississauga ON	M8W 2W1
ECA	The Regional Municipality of Peel	Stavebank Road	Mississauga ON	L6T 4B9
ECA	The Regional Municipality of Peel	Mississauga Road	Mississauga ON	L6T 4B9
GEN	TRANS-NORTHERN PIPELINES INC.	PART LOT 9, RANGE 1 CIR, KANE ROAD C/O 55 BLOOR STREET WEST	TORONTO ON	M4W 3H3
GEN	TRANS-NORTHERN PIPELINES INC. 38-558	PART LOT 9, RANGE 1 CIR, KANE ROAD C/O 55 BLOOR STREET WEST	TORONTO ON	M4W 3H3
GEN	TRANS-NORTHERN PIPELINES INC.	PORT CREDIT PUMP STATION KANE ROAD, PT LOT 9, RANGE 1 CIRCLE	MISSISSAUGA ON	
GEN	CANADIAN NATIONAL RAILWAY	VARIOUS SITES WITHIN THE MOEE CENTRAL REGION	(SEE SCHEDULE "B") ON	
GEN	CANADIAN NATIONAL RAILWAY	VARIOUS SITES WITHIN THE MOEE CENTRAL REGION	(SEE SCHEDULE "B") ON	
GEN	The Shores of Port Credit Inc.	Lakeshore Road West	Mississauga ON	L5H 0A4
REC	PETRO-CANADA LUBRICANTS INC.	LOTS 31 AND 32, CONCESSION 3	MISSISSAUGA ON	L5J 2Y3

SPL	Petro-Canada Lubricants Inc.	Clarkson Refinery	Mississauga ON	L5J 2Y3
SPL	Imperial Oil Limited		Mississauga ON	
SPL	York Disposal Services Limited	Lakeshore Road West CORNER OF LAKESHORE RD. AND LORNE PARK DR., MISSISSAUGA, ON <unofficial></unofficial>	Mississauga ON	
SPL	The Regional Municipality of Peel	Mississauga Rd. (south of Alpha Mill Road)	Mississauga ON	
SPL	Petro-Canada	Clarkson Refinery	Mississauga ON	
SPL	GREEN SPACE SERVICES (SEARS LAW	JACK DARLING PARK,LAKESHORE ROAD. TANK TRUCK (CARGO)	MISSISSAUGA CITY ON	
SPL	IMPERIAL OIL	ESSO SERVICE STATION	MISSISSAUGA CITY ON	
SPL	IMPERIAL OIL LTD.	BULK STATION/STORAGE DEPOT	MISSISSAUGA CITY ON	
SPL	IMPERIAL OIL	ESSO SERVICE STATION	MISSISSAUGA CITY ON	
SPL	PETRO-CANADA	SERVICE STATION	MISSISSAUGA CITY ON	
SPL	CANADIAN NATIONAL RAILWAY	CLARKSON YARD, JUST EAST OF THE CLARKSON GO STATION	MISSISSAUGA CITY ON	
SPL	CANADIAN NATIONAL RAILWAY	STORAGE TANKS	MISSISSAUGA CITY ON	
SPL	PETRO-CANADA	TANK TRUCK (CARGO)	MISSISSAUGA CITY ON	
SPL	ONTARIO CLEAN WATER AGENCY	HANLON FEEDER MAIN PROJECT STANFIELD ROAD, SOUTH OF QUEENSWAY WATERMAIN/BOOSTER STATION	MISSISSAUGA CITY ON	
SPL	HYDRO ONE	HYDRO RIGHT OF WAY OFF STANFIELD RD HIGH VOLTAGE CABLE	MISSISSAUGA CITY ON	
SPL	The Corporation of the City of Mississauga	RICHARDS MEMORIAL PARK, NEAR LAKESHORE RD. <unofficial></unofficial>	Mississauga ON	
SPL	Petro-Canada Lubricants Inc.	Clarkson Refinery	Mississauga ON	L5J 2Y3
SPL		Lakeshore Road West	Mississauga ON	
SRDS	PETRO-CANADA LUBRICANTS INC.		MISSISSAUGA ON	
SRDS	PETRO-CANADA LUBRICANTS INC.		MISSISSAUGA ON	
SRDS	PETRO-CANADA LUBRICANTS INC.		MISSISSAUGA ON	

SRDS	PETRO-CANADA LUBRICANTS INC.		MISSISSAUGA ON	
SRDS	PETRO-CANADA LUBRICANTS INC.		MISSISSAUGA ON	
SRDS	PETRO-CANADA LUBRICANTS INC.		MISSISSAUGA ON	
SRDS	PETRO-CANADA LUBRICANTS INC.		MISSISSAUGA ON	
SRDS	PETRO-CANADA LUBRICANTS INC.		MISSISSAUGA ON	
SRDS	PETRO-CANADA PRODUCTS - MISSISSAUGA LUBRICANTS CENTER		MISSISSAUGA ON	
WDS	Petro-Canada Lubricants Inc.	Clarkson Refinery	Mississauga ON	L5J 2Y3
WDS	Petro-Canada Lubricants Inc.	Clarkson Refinery	Mississauga ON	L5J 2Y3

Unplottable Report

Site: R.M. OF PEEL

FRONT ST. P.S. MISSISSAUGA CITY ON

Database:

Certificate #:3-1638-89-Application Year:89Issue Date:11/21/1989Approval Type:Municipal sewageStatus:Approved

Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

Site: MISSISSAUGA CITY MISSISSAUGA VALLEY BLVD

TRISHA DOWNS MISSISSAUGA RD. MISSISSAUGA CITY ON

Database:

Certificate #:3-1938-89-Application Year:89Issue Date:10/2/1989Approval Type:Municipal sewageStatus:Approved

Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description

Client Postal Code: Project Description: Contaminants: Emission Control:

Site: MISSISSAUGA CITY

LAKESHORE RD. TURTLE CREEK MISSISSAUGA CITY ON

Database:

Certificate #: 3-1566-87Application Year: 87
Issue Date: 9/4/1987
Approval Type: Municipal sewage
Status: Approved

Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

Site: THE ERIN MILLS DEVELOPMENT CORP.

MISSISSAUGA RD. 202A & 202B MISSISSAUGA CITY ON

Database: CA

Order No: 21010600151

Certificate #: 7-0485-87-

87 Application Year: 4/27/1987 Issue Date: Municipal water Approval Type: Approved

Status:

Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants:

Emission Control:

PETRO-CANADA PRODUCTS-LAKE ONTARIO REFIN Site:

ZEBRA MUSSEL CONTROL PROGRAM MISSISSAUGA CITY ON

Database:

Database:

Database:

CA

CA

4-0047-90-Certificate #: Application Year: 90 6/20/1990 Issue Date:

Approval Type: Industrial wastewater

Status: Approved

Application Type: Client Name: Client Address: Client City: Client Postal Code:

Project Description: ZEBRA MUSSEL CONTROL

Chlorine Contaminants: **Emission Control:** Dechlorination

The Regional Municipality of Peel Site: Mississauga Road Mississauga ON

8748-5SLRBG Certificate #: Application Year: 2003 Issue Date: 10/24/2003

Municipal and Private Sewage Works Approval Type:

Approved Status:

Application Type: Client Name: Client Address: Client City: Client Postal Code: **Project Description:**

Contaminants: **Emission Control:**

Site: Petro-Canada Inc.

Block 172, Registered Plan 43M-1484 Mississauga ON

Certificate #: 3278-6JSJPM Application Year: 2005 Issue Date: 12/7/2005

Industrial Sewage Works Approval Type:

Status: Approved

Application Type: Client Name: Client Address: Client City: Client Postal Code:

Project Description: Contaminants: **Emission Control:**

81

Order No: 21010600151 erisinfo.com | Environmental Risk Information Services

Site: GLAXO CANADA INC.

MISSISSAUGA RD. MISSISSAUGA CITY ON

Database:

Certificate #: 7-1542-89Application Year: 89
Issue Date: 9/15/1989
Approval Type: Municipal water
Status: Approved

Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

Site: R.M. OF PEEL

JOHN ST/LAKESHORE RD/HIGH ST. MISSISSAUGA CITY ON

Database:

Database:

Certificate #: 7-0946-95Application Year: 95
Issue Date: 9/29/1995
Approval Type: Municipal water
Status: Approved
Application Type:

Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

Site: WINSTON-DUNDAS HOLDINGS LIMITED

MISSISSAUGA RD. MISSISSAUGA CITY ON

 Certificate #:
 7-0171-89

 Application Year:
 89

 Issue Date:
 2/17/1989

 Approval Type:
 Municipal water

 Status:
 Approved

Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

Site: GLAXO WELLCOME INC.

MISSISSAUGA RD.N., 8-3537-95 MISSISSAUGA CITY ON

Certificate #:8-3100-97-Application Year:97Issue Date:3/4/1997Approval Type:Industrial airStatus:Approved

Application Type: Client Name: Client Address: Database: CA Client City:

Client Postal Code: **Project Description:** Contaminants:

Emission Control:

TEMP.RELOCATION OF SOLVENT GRANULAR EXH.

CITY Site:

MISSISSAUGA RD. MISSISSAUGA ON

Database: CA

Database:

Database:

Database:

Order No: 21010600151

CA

Certificate #:

3-0817-85-006 Application Year: 85

Issue Date: 8/20/85

Approval Type: Municipal sewage Approved

Status:

Application Type: Client Name: Client Address: Client City: Client Postal Code: **Project Description:** Contaminants:

Emission Control:

Site: J.D.MCKICHAN

MISSISSAUGA RD. MISSISSAUGA ON

3-0901-85-006

8/8/85

85

Application Year: Issue Date:

Municipal sewage Approval Type:

Status: Approved

Application Type: Client Name: Client Address: Client City:

Certificate #:

Client Postal Code: Project Description: Contaminants: **Emission Control:**

Lorne Park Water Treatment Plant Site: Lakeshore Rd. West Mississauga ON

0370-4GEQMA

Certificate #: Application Year: 00 Issue Date: 2/17/00

Municipal & Private water Approval Type:

Approved Status:

Application Type: New Certificate of Approval

Corporation of the Regional Municipality of Peel Client Name:

Client Address: 10 Peel Centre Drive

Brampton Client City: Client Postal Code: L6T 4B9

Removal of existing anthracite and a portion of the sand media from the existing filters 1-8 at the Lorne Park water Project Description:

Treatment Plant and replacement with new sand Granular Activated Carbon (GAC) filter media.

Contaminants:

Emission Control:

Site: Mississauga Road Mississauga ON

Certificate #: 5457-4WZRKN

erisinfo.com | Environmental Risk Information Services

Application Year:01Issue Date:5/31/01

Approval Type: Municipal & Private water

Status: Approved

Application Type: New Certificate of Approval

Client Name: Corporation of the Regional Municipality of Peel

Client Address: 10 Peel Centre Drive

Client City: Brampton
Client Postal Code: L6T 4B9

Project Description: This application is for construction of watermains and appurtenances in conjunction with Project No. 00-1310 on

Mississauga Road.

Contaminants: Emission Control:

Site: R.M. OF PEEL

JOHN ST/LAKESHORE RD/HIGH ST. MISSISSAUGA CITY ON

Approved

Database:

Certificate #: 3-1331-95Application Year: 95
Issue Date: 9/29/1995
Approval Type: Municipal sewage

Status: Application Type: Client Name: Client Address: Client City:

Client Postal Code: Project Description: Contaminants: Emission Control:

Site: LAPAD DEVELOPMENTS LTD. LAPAD SUDB.

STREET A MISSISSAUGA RD. MISSISSAUGA CITY ON

Database:

 Certificate #:
 7-1734-87

 Application Year:
 87

 Issue Date:
 3/8/1988

 Approval Type:
 Municipal water

 Status:
 Approved in 1988

Application Type: Client Name: Client Address: Client City: Client Postal Code

Client Postal Code: Project Description: Contaminants: Emission Control:

Site: R.M. OF PEEL

STAVEBANK RD. MISSISSAUGA CITY ON

Database:

Order No: 21010600151

 Certificate #:
 7-0935-89

 Application Year:
 89

 Issue Date:
 6/15/1989

 Approval Type:
 Municipal water

 Status:
 Approved

Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description.

Client Postal Code: Project Description: Contaminants: Emission Control: Site: WILSONDALE INVESTMENTS INC./E. FERRARI

QUEEN ST. W./LORN PARK PLAZA MISSISSAUGA CITY ON

Database:

Certificate #: 7-0523-89Application Year: 89
Issue Date: 4/17/1989
Approval Type: Municipal water
Status: Approved

Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

Site: 949747 ONTARIO LIMITED

QUEEN ST.W.,P.T.LOT 24,CONC.2 MISSISSAUGA CITY ON

Database:

Database:

Certificate #:3-1151-93-Application Year:93Issue Date:10/5/1993Approval Type:Municipal sewageStatus:Approved

Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

Site: GLAXO CANADA INC.

MISSISSAUGA RD. MISSISSAUGA CITY ON

Certificate #: 3-1852-89Application Year: 89
Issue Date: 9/15/1989
Approval Type: Municipal sewage
Status: Approved

Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants:

Emission Control:

<u>Site:</u> WILSONDALE INVESTMENTS INC./E. FERRARI

QUEEN ST. W./LORNE PARK PLAZA MISSISSAUGA CITY ON

Certificate #: 3-0595-89Application Year: 89
Issue Date: 4/17/1989
Approval Type: Municipal sewage
Status: Approved

Application Type: Client Name: Database: CA Client Address: Client City: Client Postal Code: Project Description: Contaminants:

Emission Control:

Site:

WINSTON-DUNDAS HOLDINGS LIMITED

MISSISSAUGA RD. MISSISSAUGA CITY ON

Database:

Certificate #: 3-0183-89Application Year: 89
Issue Date: 2/17/1989
Approval Type: Municipal sewage
Status: Approved

Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description:

Contaminants: Emission Control:

Site: CITY OF MISSISSAUGA

CLEARVIEW CREEK LAKESHORE RD. MISSISSAUGA CITY ON

Database:

Database:

 Certificate #:
 3-1542-88

 Application Year:
 88

 Issue Date:
 10/21/1988

Approval Type: Municipal sewage
Status: 10/21/1988
Approved

Application Type: Client Name: Client Address: Client City: Client Postal Code

Client Postal Code: Project Description: Contaminants: Emission Control:

<u>Site:</u> G.L. BALL CLEARVIEW CREEK CANNELIZATION LAKESHORE RD. MISSISSAUGA CITY ON

Certificate #: 3-1828-88Application Year: 88

Issue Date: 9/28/1988
Approval Type: Municipal sewage
Status: Cancelled

Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description:

Contaminants: Emission Control:

Site: SETCHELL & MCKINNON LTD.

Database:

Order No: 21010600151

Certificate #: 3-0605-88-

JOHN ST. MISSISSAUGA CITY ON

Application Year:88Issue Date:4/19/1988Approval Type:Municipal sewageStatus:Cancelled

Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

Site: 740472 ONTARIO LIMITED

JOHN STREET OUTFALL MISSISSAUGA CITY ON

Database:

Database:

Database:

CA

Order No: 21010600151

CA

 Certificate #:
 3-0486-88

 Application Year:
 88

 Issue Date:
 4/6/1988

Approval Type: Municipal sewage Status: Approved

Status:
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:

Contaminants: Emission Control:

Site: R.M. OF PEEL

MISSISSAUGA RD. MISSISSAUGA CITY ON

Certificate #: 3-1519-86Application Year: 86
Issue Date: 9/30/1986
Approval Type: Municipal sewage
Status: Approved

Status: Application Type: Client Name: Client Address: Client City: Client Postal Code

Client Postal Code: Project Description: Contaminants: Emission Control:

Site: LAPAD DEVELOPMENTS LAPAD SUBD.

STREET A MISSISSAUGA RD. MISSISSAUGA CITY ON

 Certificate #:
 3-2053-87

 Application Year:
 87

 Issue Date:
 3/8/1988

 Approval Type:
 Municipal se

Approval Type: Municipal sewage Status: Approved in 1988
Application Type:

Client Name: Client Address: Client City: Client Postal Code: Project Description.

Project Description: Contaminants: Emission Control: Site: MISSISSAUGA CITY

STAVEBANK RD. MISSISSAUGA CITY ON

Database:

Certificate #: 3-1178-89Application Year: 89
Issue Date: 7/5/1989
Approval Type: Municipal sewage

Status: Approved

Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

<u>Site:</u> Antorisa Investments Ltd.

Mississauga ON M8W 2W1

Database: ECA

Approval No: 5135-B5LRNY **MOE District:** Approval Date: 2018-10-18 City: Status: Approved Longitude: Record Type: **ECA** Latitude: IDS Geometry X: Link Source: SWP Area Name: Geometry Y:

Approval Type:ECA-MUNICIPAL AND PRIVATE SEWAGE WORKSProject Type:MUNICIPAL AND PRIVATE SEWAGE WORKS

Business Name: Antorisa Investments Ltd.

Address: Full Address:

Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0129-B4QL9E-14.pdf

Site: The Regional Municipality of Peel

Stavebank Road Mississauga ON L6T 4B9

Database:

9593-63BGUE **MOE District:** Approval No: Approval Date: 2004-07-29 City: Approved Longitude: Status: Record Type: **ECA** Latitude: Link Source: IDS Geometry X: SWP Area Name: Geometry Y:

Approval Type:ECA-Municipal Drinking Water SystemsProject Type:Municipal Drinking Water SystemsBusiness Name:The Regional Municipality of Peel

Address: Stavebank Road

Full Address: Full PDF Link:

Site: The Regional Municipality of Peel

Mississauga Road Mississauga ON L6T 4B9

Database: ECA

Order No: 21010600151

Approval No: 5457-4WZRKN MOE District: 2001-05-31 Approval Date: City: Status: Approved Longitude: ECA Record Type: Latitude: IDS Link Source: Geometry X: SWP Area Name: Geometry Y:

Approval Type:ECA-Municipal and Private Water WorksProject Type:Municipal and Private Water WorksBusiness Name:The Regional Municipality of Peel

Address: Mississauga Road

Full Address: Full PDF Link:

Site: TRANS-NORTHERN PIPELINES INC.

PART LOT 9, RANGE 1 CIR, KANE ROAD C/O 55 BLOOR STREET WEST TORONTO ON M4W 3H3

Database: **GEN**

Generator No: Status:

ON0174706

PO Box No: Country:

Approval Years:

88,89,90

Choice of Contact:

Contam. Facility:

Co Admin: Phone No Admin:

MHSW Facility:

4619

SIC Description:

OTHER PIPELINE TRANS

Detail(s)

SIC Code:

Waste Class:

251

Waste Class Desc:

OIL SKIMMINGS & SLUDGES

TRANS-NORTHERN PIPELINES INC. 38-558 Site:

PART LOT 9, RANGE 1 CIR, KANE ROAD C/O 55 BLOOR STREET WEST TORONTO ON M4W 3H3

Database: GEN

Generator No: Status:

ON0174706

PO Box No: Country:

Approval Years:

92,93,94,95,96,97

Choice of Contact:

Contam. Facility:

Co Admin: Phone No Admin:

MHSW Facility: SIC Code:

4619

SIC Description:

OTHER PIPELINE TRANS

Detail(s)

Waste Class:

251

Waste Class Desc:

OIL SKIMMINGS & SLUDGES

TRANS-NORTHERN PIPELINES INC. Site:

PORT CREDIT PUMP STATION KANE ROAD, PT LOT 9, RANGE 1 CIRCLE MISSISSAUGA ON

Database: GEN

Generator No: Status:

ON0174706

PO Box No: Country:

Approval Years: Contam. Facility: Choice of Contact: Co Admin:

MHSW Facility:

Phone No Admin:

SIC Code:

4619

98

SIC Description:

OTHER PIPELINE TRANS.

Detail(s)

Waste Class:

251

Waste Class Desc: **OIL SKIMMINGS & SLUDGES**

CANADIAN NATIONAL RAILWAY Site:

VARIOUS SITES WITHIN THE MOEE CENTRAL REGION (SEE SCHEDULE "B") ON

Database: **GEN**

Order No: 21010600151

Generator No: Status:

ONR000703

PO Box No: Country:

Approval Years:

2013

Contam. Facility: MHSW Facility:

Choice of Contact: Co Admin: Phone No Admin:

SIC Code:

482113

SIC Description:

MAINLINE FREIGHT RAIL TRANSPORTATION

Detail(s)

Waste Class: 243
Waste Class Desc: PCBS

Waste Class: 148

Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 113

Waste Class Desc: ACID WASTE - OTHER METALS

Waste Class: 145

Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 221

Waste Class Desc: LIGHT FUELS

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 121

Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 262

Waste Class Desc: DETERGENTS/SOAPS

Waste Class: 146

Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 266

Waste Class Desc: PHENOLIC WASTES

Waste Class: 253

Waste Class Desc: EMULSIFIED OILS

Waste Class: 135

Waste Class Desc: REACTIVE ANION WASTES

Waste Class: 268
Waste Class Desc: AMINES

Waste Class: 232

Waste Class Desc: POLYMERIC RESINS

Waste Class: 241

Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 251

Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 211

Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 254

Waste Class Desc: TRANSFER STATION OILS WASTES

Waste Class: 213

Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 122

Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 263

Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 269

Waste Class Desc: NON-HALOGENATED PESTICIDES

Waste Class: 270

Waste Class Desc: OTHER SPECIFIED ORGANICS

Waste Class: 112

Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 114

Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 222

Waste Class Desc: HEAVY FUELS

Waste Class: 231

Waste Class Desc: LATEX WASTES

Waste Class: 312

Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 212

Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 331

Waste Class Desc: WASTE COMPRESSED GASES

Site: CANADIAN NATIONAL RAILWAY

VARIOUS SITES WITHIN THE MOEE CENTRAL REGION (SEE SCHEDULE "B") ON

Database: GEN

Order No: 21010600151

Generator No: ONR000703 PO Box No: Status: Country:

Approval Years: 2012 Choice of Contact:
Contam. Facility: Co Admin:
MHSW Facility: Phone No Admin:

SIC Code: 482113

SIC Description: Mainline Freight Rail Transportation

Detail(s)

Waste Class: 148

Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 222

Waste Class Desc: HEAVY FUELS

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 212

Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 263

Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 221

Waste Class Desc: LIGHT FUELS

Waste Class: 312

Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 243
Waste Class Desc: PCBS

Waste Class: 122

Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 146

Waste Class Desc: OTHER SPECIFIED INORGANICS

Waste Class: 251

Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 253

Waste Class Desc: EMULSIFIED OILS

Waste Class: 213

Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 262

Waste Class Desc: DETERGENTS/SOAPS

Waste Class: 270

Waste Class Desc: OTHER SPECIFIED ORGANICS

Waste Class: 114

Waste Class Desc: OTHER INORGANIC ACID WASTES

Waste Class: 231

Waste Class Desc: LATEX WASTES

Waste Class: 232

Waste Class Desc: POLYMERIC RESINS

Waste Class: 266

Waste Class Desc: PHENOLIC WASTES

Waste Class: 121

Waste Class Desc: ALKALINE WASTES - HEAVY METALS

Waste Class: 241

Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 268
Waste Class Desc: AMINES

Waste Class: 269

Waste Class Desc: NON-HALOGENATED PESTICIDES

Waste Class: 135

Waste Class Desc: REACTIVE ANION WASTES

Waste Class: 331

Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 112

Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 113

Waste Class Desc: ACID WASTE - OTHER METALS

Waste Class: 211

Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 145

Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 254

Waste Class Desc: TRANSFER STATION OILS WASTES

Site: The Shores of Port Credit Inc.

Lakeshore Road West Mississauga ON L5H 0A4

Generator No: ON9951141 PO Box No:
Status: Registered Country:

Status:RegisteredCountry:CanadaApproval Years:As of Dec 2018Choice of Contact:

Database:

GEN

Order No: 21010600151

Contam. Facility:

MHSW Facility:

SIC Code:

Contam. Facility:

Phone No Admin:

SIC Description:

Detail(s)

Waste Class:

Waste Class Desc: Waste oils/sludges (petroleum based)

PETRO-CANADA LUBRICANTS INC. Site:

LOTS 31 AND 32, CONCESSION 3 MISSISSAUGA ON L5J 2Y3 CO_ADMIN

Database: REC

Order No: 21010600151

Choice of Contact:

Site PO Box: Mail Addr: Co Admin: Site Bldg: Rec Op Div:

PETRO-CANADA LUBRICANTS INC. Rec Op Name: Rec Div:

Receiver No: A220111

Company ID:

ONTARIO Province In:

Province Out: **County Out:** Phone No:

PRIV LANDFILL/SLUDGE FARM Facility Type:

Approval Yrs: 2009; 2010; 2011; 2012; 2013; 2014; 2015; 2016; 2017; 2018

2009 Receiver Manifest Details

305 Gen District:

Gen District Office Name: HALTON-PEEL DISTRICT OFFICE 305

Gen Region Code: 03

Gen Region Office Name: **CENTRAL REGION**

Generator Naics Code1: 324190

Naics1 Desc: OTHER PETROLEUM AND COAL PRODUCT MANUFACTURING, OTHER PETROLEUM AND COAL

PRODUCTS MANUFACTURING

Waste Code: 251

Waste Class Desc: **OIL SKIMMINGS & SLUDGES**

Waste Char: Н

Waste Char Desc: HAZARDOUS INDUSTRIAL WASTE

Waste Count: 30 1168717 Qty Received:

Gen District: 305

HALTON-PEEL DISTRICT OFFICE 305 Gen District Office Name:

Gen Region Code: 03

CENTRAL REGION Gen Region Office Name:

Generator Naics Code1:

OTHER PETROLEUM AND COAL PRODUCT MANUFACTURING, OTHER PETROLEUM AND COAL Naics1 Desc:

PRODUCTS MANUFACTURING

Waste Code: 251

Waste Class Desc: **OIL SKIMMINGS & SLUDGES**

Waste Char:

Waste Char Desc: LIQUID INDUSTRIAL WASTE

Waste Count: 16 1095176 Qty Received:

2010 Receiver Manifest Details

Gen District: 305

Gen District Office Name: HALTON-PEEL DISTRICT OFFICE 305

Gen Region Code: 03

Gen Region Office Name: **CENTRAL REGION**

Generator Naics Code1: 324190

Naics1 Desc: OTHER PETROLEUM AND COAL PRODUCT MANUFACTURING, OTHER PETROLEUM AND COAL

PRODUCTS MANUFACTURING

Waste Code: 251

Waste Class: OIL SKIMMINGS & SLUDGES

Waste Char:

Waste Charac Desc: HAZARDOUS INDUSTRIAL WASTE

 Waste Count:
 7

 Qty Received:
 179750

Gen District: 305

Gen District Office Name: HALTON-PEEL DISTRICT OFFICE 305

Gen Region Code: 03

Gen Region Office Name: CENTRAL REGION

Generator Naics Code1: 324190

Naics1 Desc: OTHER PETROLEUM AND COAL PRODUCT MANUFACTURING, OTHER PETROLEUM AND COAL

PRODUCTS MANUFACTURING

Waste Code: 251

Waste Class: OIL SKIMMINGS & SLUDGES

Waste Char:

Waste Charac Desc: LIQUID INDUSTRIAL WASTE

 Waste Count:
 47

 Qty Received:
 3108270

2011 Receiver Manifest Details

Gen District: 305

Gen District Office Name: HALTON-PEEL DISTRICT OFFICE 305

Gen Region Code: 03

Gen Region Office Name: CENTRAL REGION

Naics Code1: 324190

Naics1 Desc: OTHER PETROLEUM AND COAL PRODUCT MANUFACTURING, OTHER PETROLEUM AND COAL

PRODUCTS MANUFACTURING

Waste Code: 251

Waste Class: OIL SKIMMINGS & SLUDGES Waste Char:

Waste Charac Desc: LIQUID INDUSTRIAL WASTE

Count Manifests: 39 Sum Received Qty: 2214100

Gen District: 305

Gen District Office Name: HALTON-PEEL DISTRICT OFFICE 305

Gen Region Code: 03

Gen Region Office Name: CENTRAL REGION

Naics Code1: 324190

Naics1 Desc: OTHER PETROLEUM AND COAL PRODUCT MANUFACTURING, OTHER PETROLEUM AND COAL

PRODUCTS MANUFACTURING

Waste Code: 251

Waste Class: OIL SKIMMINGS & SLUDGES

Waste Char:

Waste Charac Desc: HAZARDOUS INDUSTRIAL WASTE

Count Manifests: 12 Sum Received Qty: 386230

2012 Receiver Manifest Details

Gen District: 305

Gen District Office Name: HALTON-PEEL DISTRICT OFFICE 305

Gen Region Code: 03

Gen Region Office Name: CENTRAL REGION

Naics Code1: 324190

Naics1 Desc: OTHER PETROLEUM AND COAL PRODUCT MANUFACTURING, OTHER PETROLEUM AND COAL

Order No: 21010600151

PRODUCTS MANUFACTURING

Waste Code: 252

Waste Class: WASTE OILS & LUBRICANTS
Waste Char: L
Waste Charac Desc: LIQUID INDUSTRIAL WASTE

Count Manifests: 6
Sum Received Qty: 292300

Gen District: 305

Gen District Office Name: HALTON-PEEL DISTRICT OFFICE 305

Gen Region Code: 03

Gen Region Office Name: CENTRAL REGION

Naics Code1: 324190

Naics1 Desc: OTHER PETROLEUM AND COAL PRODUCT MANUFACTURING, OTHER PETROLEUM AND COAL

PRODUCTS MANUFACTURING

Waste Code: 251

Waste Class:
Waste Char:
Waste Charac Desc:
OIL SKIMMINGS & SLUDGES
L
LIQUID INDUSTRIAL WASTE

Count Manifests: 87 Sum Received Qty: 5171350

Gen District: 305

Gen District Office Name: HALTON-PEEL DISTRICT OFFICE 305

Gen Region Code: 03

Gen Region Office Name: CENTRAL REGION

Naics Code1: 324190

Naics1 Desc: OTHER PETROLEUM AND COAL PRODUCT MANUFACTURING, OTHER PETROLEUM AND COAL

PRODUCTS MANUFACTURING

Waste Code: 25

Waste Class: OIL SKIMMINGS & SLUDGES

Waste Char:

Waste Charac Desc: HAZARDOUS INDUSTRIAL WASTE

Count Manifests: 16 Sum Received Qty: 512300

2013 Receiver Manifest Details

Gen District: 305

Gen District Office Name: HALTON-PEEL DISTRICT OFFICE 305

Gen Region Code: 03

Gen Region Office Name: CENTRAL REGION

Naics Code1: 324190

Nm Sic Naics Desc: OTHER PETROLEUM AND COAL PRODUCT MANUFACTURING, OTHER PETROLEUM AND COAL

PRODUCTS MANUFACTURING

Waste Code: 251

Waste Class Name:
Waste Char:

Waste Charac Desc:
OIL SKIMMINGS & SLUDGES
L
LIQUID INDUSTRIAL WASTE

Count Manifests: 24 Sum Received Qty: 1453897

Gen District: 305

Gen District Office Name: HALTON-PEEL DISTRICT OFFICE 305

Gen Region Code: 03

Gen Region Office Name: CENTRAL REGION

Naics Code1: 324190

Nm Sic Naics Desc: OTHER PETROLEUM AND COAL PRODUCT MANUFACTURING, OTHER PETROLEUM AND COAL

PRODUCTS MANUFACTURING

Waste Code: 251

Waste Class Name: OIL SKIMMINGS & SLUDGES

Waste Char:

Waste Charac Desc: HAZARDOUS INDUSTRIAL WASTE

Count Manifests: 6

Sum Received Qty: 311033

2014 Receiver Manifest Details

Gen District: 305

Gen District Office Name: HALTON-PEEL DISTRICT OFFICE 305

Gen Region Code: 03

Gen Region Office Name: CENTRAL REGION

Naics Code1: 324190

Naics1 Desc: OTHER PETROLEUM AND COAL PRODUCT MANUFACTURING, OTHER PETROLEUM AND COAL

Order No: 21010600151

PRODUCTS MANUFACTURING

Waste Code: 251

Waste Class: OIL SKIMMINGS & SLUDGES

Waste Char:

Waste Charac Desc: HAZARDOUS INDUSTRIAL WASTE

Count Manifests: 25 Sum Received Qty: 1057585

Gen District: 305

Gen District Office Name: HALTON-PEEL DISTRICT OFFICE 305

Gen Region Code: 03

Gen Region Office Name: CENTRAL REGION

Naics Code1: 324190

Naics1 Desc: OTHER PETROLEUM AND COAL PRODUCT MANUFACTURING, OTHER PETROLEUM AND COAL

PRODUCTS MANUFACTURING

Waste Code: 251

Waste Class: OIL SKIMMINGS & SLUDGES

Waste Char:

Waste Charac Desc: LIQUID INDUSTRIAL WASTE

Count Manifests: 31 Sum Received Qty: 1699550

2015 Receiver Waste Information Details

Waste Code: 150

Waste Class Name: INERT INORGANIC WASTES

Waste Code: 146

Waste Class Name: OTHER SPECIFIED INORGANICS

Waste Code: 222

Waste Class Name: HEAVY FUELS

Waste Code: 221

Waste Class Name: LIGHT FUELS

Waste Code: 251

Waste Class Name: OIL SKIMMINGS & SLUDGES

2015 Receiver Manifest Details

Gen District: 305

Gen District Office Name: HALTON-PEEL DISTRICT OFFICE 305

Gen Region Code: 03

Gen Region Office Name: CENTRAL REGION

Naics Code1: 324190

Naics1 Desc: OTHER PETROLEUM AND COAL PRODUCT MANUFACTURING, OTHER PETROLEUM AND COAL

PRODUCTS MANUFACTURING

Waste Code: 251

Waste Class: OIL SKIMMINGS & SLUDGES

Waste Char:

Waste Charac Desc: HAZARDOUS INDUSTRIAL WASTE

Count Manifests: 23 Sum Received Qty: 937000

Gen District: 305

Gen District Office Name: HALTON-PEEL DISTRICT OFFICE 305

Gen Region Code: 03

Gen Region Office Name: CENTRAL REGION

Naics Code1: 324190

Naics1 Desc: OTHER PETROLEUM AND COAL PRODUCT MANUFACTURING, OTHER PETROLEUM AND COAL

Order No: 21010600151

PRODUCTS MANUFACTURING

Waste Code: 251

Waste Class: OIL SKIMMINGS & SLUDGES

Waste Char:

Waste Charac Desc: LIQUID INDUSTRIAL WASTE

Count Manifests: 45

Sum Received Qty: 2892500

2016 Receiver Manifest Details

Gen District: 305

Gen District Office Name: HALTON-PEEL DISTRICT OFFICE 305

Gen Region Code: 03

Gen Region Office Name: CENTRAL REGION

Naics Code1: 324190

Naics1 Desc: OTHER PETROLEUM AND COAL PRODUCT MANUFACTURING, OTHER PETROLEUM AND COAL

PRODUCTS MANUFACTURING

Waste Code: 251

Waste Class: OIL SKIMMINGS & SLUDGES

Waste Char:

Waste Charac Desc: LIQUID INDUSTRIAL WASTE

Count Manifests: 12 Sum Received Qty: 316150

Gen District: 305

Gen District Office Name: HALTON-PEEL DISTRICT OFFICE 305

Gen Region Code: 03

Gen Region Office Name: CENTRAL REGION

Naics Code1: 324190

Naics1 Desc: OTHER PETROLEUM AND COAL PRODUCT MANUFACTURING, OTHER PETROLEUM AND COAL

PRODUCTS MANUFACTURING

Waste Code: 25°

Waste Class: OIL SKIMMINGS & SLUDGES

Waste Char:

Waste Charac Desc: HAZARDOUS INDUSTRIAL WASTE

Count Manifests: 22 Sum Received Qty: 394730

Gen District: 305

Gen District Office Name: HALTON-PEEL DISTRICT OFFICE 305

Gen Region Code: 03

Gen Region Office Name: CENTRAL REGION

Naics Code1: 324190

Naics1 Desc: OTHER PETROLEUM AND COAL PRODUCT MANUFACTURING, OTHER PETROLEUM AND COAL

Database:

SPL

Order No: 21010600151

PRODUCTS MANUFACTURING

Waste Code: 146

Waste Class:OTHER SPECIFIED INORGANICSWaste Char:LWaste Charac Desc:LIQUID INDUSTRIAL WASTE

Count Manifests: 2
Sum Received Qty: 20060

Site: Petro-Canada Lubricants Inc.

Clarkson Refinery Mississauga ON L5J 2Y3

Ref No:8266-8BEHLCDischarger Report:Site No:Material Group:

Incident Dt: Health/Env Conseq:
Year: Client Type:

Incident Cause: Unknown Sector Type: Other

 Incident Event:
 Agency Involved:

 Contaminant Code:
 Nearest Watercourse:

 Contaminant Name:
 Site Address:

Contaminant Name:

Contaminant Limit 1:

Contam Limit Freq 1:

Contaminant UN No 1:

Environment Impact:

Not Anticipated

Other Impact(s)

Site Address:

Site Address:

Site District Office:

Site Postal Code:

Site Region:

Site Municipality:

Site Lot:

Receiving Medium:

Receiving Env:

Northing:

NA

MOE Response:

Easting:

NA

Dt MOE Arvl on Scn:

MOE Reported Dt:

11/21/2010

Site Geo Ref Accu:

Site Map Datum:

Dt Document Closed: SAC Action Class: Land Spills

Incident Reason: Unknown - Reason not determined Site Name: 385 Southdown Road

Site County/District: Site Geo Ref Meth: Incident Summary:

Petro-Canada Lubricants: spill of dewaxed oil to property

Contaminant Qty:

Site: Imperial Oil Limited Database:
Mississauga ON SPL

Source Type:

Mississauga

Land Spills

Database:

Order No: 21010600151

Ref No: 0332-8RFT59 Discharger Report:

Site No: Material Group:
Incident Dt: 13-FEB-12 Health/Env Conseq:

Very: Oliver Type:

Year: Client Type:
Incident Cause: Sector Type:
Incident Event: Agency Involved:
Contaminant Code: 13 Nearest Watercourse:

Contaminant Name:PETROLEUM DISTILLATES (N.O.S.)Site Address:Contaminant Limit 1:Site District Office:Contam Limit Freq 1:Site Postal Code:

Contaminant UN No 1: Site Region:
Environment Impact: Not Anticipated Site Municipality:

 Nature of Impact:
 Site Lot:

 Receiving Medium:
 Sewage - Municipal/Private and Commercial

 Site Conc:
 National

Receiving Env: Northing: MOE Response: Easting:

 Dt MOE Arvl on Scn:
 Site Geo Ref Accu:

 MOE Reported Dt:
 13-FEB-12

 Dt Document Closed:
 SAC Action Class:

Dt Document Closed: SAC Action Class: Incident Reason: Source Type:

Site Name: ESSO Card Lock @ 7055 Torbram Road<UNOFFICIAL>

Site County/District: Site Geo Ref Meth:

Incident Summary:

I.O.L.-Ukn Qty Petroleum to Ground at Card Lock

Contaminant Qty:

Site: York Disposal Services Limited

Lakeshore Road West CORNER OF LAKESHORE RD. AND LORNE PARK DR., MISSISSAUGA, ON<UNOFFICIAL>

Mississauga ON

Ref No: 3737-6T9HXU Discharger Report:

Site No: Material Group: Oils

Incident Dt: 9/2/2006 Health/Env Conseq:

Year: Client Type:

Incident Cause: Other Transport Accident Sector Type: Other Motor Vehicle

Incident Event:Agency Involved:Contaminant Code:15Nearest Watercourse:

Contaminant Name: HYDRAULIC OIL Site Address:

Contaminant Limit 1: Site District Office: Halton-Peel

Contam Limit Freq 1: Site Postal Code: Contaminant UN No 1: Site Region:

Environment Impact: Confirmed Site Municipality: Mississauga

Nature of Impact:Soil ContaminationSite Lot:Receiving Medium:LandSite Conc:

Receiving Env: Northing: NA MOE Response: Easting: NA

MOE Response:

Dt MOE Arvl on Scn:

MOE Reported Dt:

9/2/2006

Easting:

Site Geo Ref Accu:

Site Map Datum:

Dt Document Closed:SAC Action Class:Incident Reason:Equipment/VehiclesSource Type:

Site Name: Site County/District:

Site Geo Ref Meth:
Incident Summary:
Garbage truck rollover- 15 gals of hydraulic oil to grnd.

Contaminant Qty: 66 L

The Regional Municipality of Peel Site:

Mississauga Rd. (south of Alpha Mill Road) Mississauga ON

Surface Water

1/11/2015

Unknown / N/A

Database: SPL

2176-9SNCJ3 Ref No: Discharger Report: Site No: Material Group: NA Incident Dt: 1/11/2015 Health/Env Conseq:

Roadway<UNOFFICIAL>

Valve / Fitting Leak Or Failure

0 other - see incident description

Year: Incident Cause: Leak/Break

Incident Event:

Contaminant Code:

Contaminant Name: DRINKING WATER (FULLY TREATED)

Contaminant Limit 1: Contam Limit Freq 1:

Contaminant UN No 1: **Environment Impact:** Nature of Impact:

Receiving Medium: Receiving Env:

MOE Response: Ν Dt MOE Arvl on Scn:

MOE Reported Dt:

Dt Document Closed:

Incident Reason: Site Name:

Site County/District:

Site Geo Ref Meth:

Incident Summary:

Contaminant Qty:

Petro-Canada Clarkson Refinery Mississauga ON

Ref No:

Site No: Incident Dt: Year:

Site:

Incident Cause: Incident Event:

Contaminant Code:

Contaminant Name: Contaminant Limit 1:

Contam Limit Freq 1: Contaminant UN No 1:

Environment Impact: Nature of Impact:

Receiving Medium: Receiving Env: MOE Response:

Dt MOE Arvl on Scn: MOE Reported Dt:

Dt Document Closed:

Incident Reason: Site Name:

Site County/District: Site Geo Ref Meth:

Incident Summary:

Contaminant Qty:

GREEN SPACE SERVICES(SEARS LAW JACK DARLING PARK,LAKESHORE ROAD. TANK TRUCK (CARGO) MISSISSAUGA CITY ON

Possible

12/11/2010

Soil Contamination

230431

Ref No: Site No:

Client Type: Sector Type: Agency Involved:

Nearest Watercourse: Site Address: Site District Office:

Site Postal Code: Site Region:

Site Municipality: Mississauga Site Lot:

Site Conc: Northing: Easting: Site Geo Ref Accu:

Site Map Datum: SAC Action Class:

Source Type:

Watercourse Spills

Lake Ontario

4827475

602582

Mississauga Rd. (south of Alpha Mill Road)

Database: SPL

1288-8C2A4E Discharger Report:

Region of Peel: water with sediment to Mullet Creek

Material Group: Health/Env Conseq: Client Type:

Sector Type: Agency Involved: Nearest Watercourse:

Site Address: Clarkson Refinery

Site District Office: Site Postal Code: Site Region:

Site Municipality: Site Lot:

Site Conc: Northing: NA NA

Easting: Site Geo Ref Accu:

Site Map Datum: SAC Action Class:

Discharger Report:

Material Group:

Source Type:

Land Spills

Mississauga

Database:

Order No: 21010600151

Unknown - Reason not determined

385 Southdown Road

4L DMDS injection to concrete, cleaning

Site:

Incident Dt: 7/2/2002 Health/Env Conseq:

Year: Client Type: Incident Cause: UNKNOWN Sector Type:

Incident Event: Agency Involved: WORKS

Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:

Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:

Environment Impact: POSSIBLE Site Municipality: 21102

Nature of Impact:Soil contaminationSite Lot:Receiving Medium:WATERSite Conc:Receiving Env:Northing:MOE Response:Easting:

Dt MOE Arvl on Scn:Site Geo Ref Accu:MOE Reported Dt:7/2/2002Site Map Datum:

 Dt Document Closed:
 SAC Action Class:

 Incident Reason:
 UNKNOWN
 Source Type:

Site Name:

Site County/District: Site Geo Ref Meth: Incident Summary:

Incident Summary: GREEN SPACE-30 L KILLEX TOL LOT, REGION RESPONDED.

Contaminant Qty:

Site: IMPERIAL OIL Database: ESSO SERVICE STATION MISSISSAUGA CITY ON SPL

Ref No: 110268 Discharger Report:

Site No:
Incident Dt: 2/22/1995

Year:
Incident Cause: PIPE/HOSE LEAK
Incident Event:

Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:

 Incident Event:
 Agency Involved:

 Contaminant Code:
 Nearest Watercourse:

 Contaminant Name:
 Site Address:

 Contaminant Limit 1:
 Site District Office:

 Contam Limit Freq 1:
 Site Postal Code:

 Contaminant UN No 1:
 Site Region:

Environment Impact: CONFIRMED Site Municipality: 21102

 Nature of Impact:
 Multi Media Pollution
 Site Lot:

 Receiving Medium:
 LAND / WATER
 Site Conc:

 Receiving Env:
 Northing:

MOE Response: Easting: PEEL REG., CITY WORKS

 Dt MOE Arvl on Scn:
 Site Geo Ref Accu:

 MOE Reported Dt:
 2/22/1995

 Site Map Datum:
 SAC Action Class:

Dt Document Closed:SAC Action Class:Incident Reason:EQUIPMENT FAILURESource Type:

Site Name:

Site County/District: Site Geo Ref Meth:

Incident Summary: IMPERIAL OIL: 60L DIESEL FUEL TO CONCRETE PAD, ROAD& CATCHBASIN: WORKS

Contaminant Qty:

Site: IMPERIAL OIL LTD. Database:
BULK STATION/STORAGE DEPOT MISSISSAUGA CITY ON SPL

Order No: 21010600151

 Ref No:
 110613
 Discharger Report:

 Site No:
 Material Group:

 Incident Dt:
 3/6/1995
 Health/Env Conseq:

Year: Client Type:
Incident Cause: VALVE/FITTING LEAK OR FAILURE Sector Type:
Incident Event: Agency Involved:

Contaminant Code:

Contaminant Name:

Contaminant Limit 1:

Contam Limit Freq 1:

Signey involved:

Nearest Watercourse:

Site Address:

Site District Office:

Site Postal Code:

Contaminant UN No 1: Site Region:

NOT ANTICIPATED **Environment Impact:** Site Municipality: 21102

Nature of Impact: Water course or lake Site Lot: LAND / WATER Receiving Medium: Site Conc: Receiving Env: Northing:

MOE Response: **MCCR** Easting: Dt MOE Arvl on Scn: Site Geo Ref Accu:

MOE Reported Dt: 3/6/1995 Site Map Datum: Dt Document Closed: SAC Action Class: Incident Reason: GASKET/JOINT Source Type:

Site Name:

Site:

Site County/District: Site Geo Ref Meth: Incident Summary:

IMPERIAL OIL

IMPERIAL OIL: 30L DIESEL FUEL TO CONCRETE PAD & OIL/WATER SEPARATOR:MCCR

Database: SPL

Contaminant Qty:

ESSO SERVICE STATION MISSISSAUGA CITY ON

Ref No: 118444 Discharger Report:

Site No: Material Group: Incident Dt: 9/13/1995 Health/Env Conseq:

Client Type: Year: Incident Cause: **CONTAINER OVERFLOW** Sector Type:

Incident Event: Agency Involved: Nearest Watercourse: Contaminant Code: Contaminant Name: Site Address:

Site District Office: Contaminant Limit 1: Contam Limit Freq 1: Site Postal Code: Contaminant UN No 1: Site Region:

POSSIBLE Site Municipality: 21102 Environment Impact:

Nature of Impact: Multi Media Pollution Site Lot: Receiving Medium: LAND / WATER Site Conc: Receiving Env: Northing:

MOE Response: Easting: WORKS, MCCR

Dt MOE Arvl on Scn: Site Geo Ref Accu: **MOE** Reported Dt: 9/13/1995 Site Map Datum: **Dt Document Closed:** SAC Action Class: Source Type:

Incident Reason: **ERROR** Site Name:

Site County/District: Site Geo Ref Meth:

Incident Summary: IMPERIAL OIL: 75L DIESEL FUEL TO ASPHALT, SEPARATOR& CATCHBASIN: CLEANING UP

Contaminant Qty:

Site: PETRO-CANADA Database: SERVICE STATION MISSISSAUGA CITY ON

21102

Order No: 21010600151

Ref No: 8408 Discharger Report:

Site No: Material Group: Incident Dt: 8/21/1988 Health/Env Conseq:

Year: Client Type:

Incident Cause: PIPE/HOSE LEAK Sector Type: Incident Event: Agency Involved: Contaminant Code: Nearest Watercourse: Contaminant Name: Site Address: Contaminant Limit 1: Site District Office:

Contam Limit Freq 1: Site Postal Code: Site Region: Contaminant UN No 1: Site Municipality: **Environment Impact:**

Nature of Impact: Site Lot: Receiving Medium: LAND Site Conc: Receiving Env: Northing: MOE Response: Easting:

Dt MOE Arvl on Scn: Site Geo Ref Accu:

MOE Reported Dt: 8/21/1988 Site Map Datum: Dt Document Closed:SAC Action Class:Incident Reason:ERRORSource Type:

Site Name: Site County/District: Site Geo Ref Meth:

Incident Summary: PETROCAN SERVICE CENTRE - UNKNOWN AMOUNT (SMALL) OF GASOLINE TO PAVEMENT.

Contaminant Qty:

<u>Site:</u> CANADIAN NATIONAL RAILWAY Database:
CLARKSON YARD, JUST EAST OF THE CLARKSON GO STATION MISSISSAUGA CITY ON SPL

Ref No: 136733 Discharger Report: Site No: Material Group:

 Incident Dt:
 2/1/1997
 Health/Env Conseq:

 Year:
 Client Type:

Incident Cause: VALVE/FITTING LEAK OR FAILURE Sector Type:
Incident Event: Agency Involved:

Contaminant Code:
Contaminant Name:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Site Postal Code:
Site Region:

Environment Impact: POSSIBLE Site Municipality: 21102

Nature of Impact:Soil contaminationSite Lot:Receiving Medium:LANDSite Conc:Receiving Env:Northing:

MOE Response: Easting: EPS

Dt MOE Arvl on Scn:Site Geo Ref Accu:MOE Reported Dt:2/1/1997Site Map Datum:Dt Document Closed:SAC Action Class:Incident Reason:EQUIPMENT FAILURESource Type:

Site Name: Site County/District:

Site Geo Ref Meth:
Incident Summary: CANADIAN NATIONAL RAILWAY-10 L OF LUBE OIL ONTO TRACKS FROM TANK CAR.

Contaminant Qty:

Site: CANADIAN NATIONAL RAILWAY STORAGE TANKS MISSISSAUGA CITY ON Database: SPL

Order No: 21010600151

Ref No: 32667 Discharger Report:

Site No:
Incident Dt: 3/14/1990
Year:

Material Group:
Health/Env Conseq:
Client Type:

 Incident Cause:
 CONTAINER OVERFLOW
 Sector Type:

 Incident Event:
 Agency Involved:

 Contaminant Code:
 Nearest Watercourse:

 Contaminant Name:
 Site Address:

 Contaminant Limit 1:
 Site District Office:

Contaminant Limit 1: Site District Office Contam Limit Freq 1: Site Postal Code: Contaminant UN No 1: Site Region:

Environment Impact: Site Municipality: 21102

Nature of Impact:Site Lot:Receiving Medium:LANDSite Conc:Receiving Env:Northing:MOE Response:Easting:

 Dt MOE Arvl on Scn:
 Site Geo Ref Accu:

 MOE Reported Dt:
 3/14/1990

 Dt Document Closed:
 SAC Action Class:

 Incident Reason:
 EQUIPMENT FAILURE

 Source Type:

Site Name: Site County/District: Site Geo Ref Meth:

Incident Summary: BACKENTRY-CNR-OIL CONTAMINATION OF GROUND

Contaminant Qty:

Site: PETRO-CANADA Database:

TANK TRUCK (CARGO) MISSISSAUGA CITY ON

Ref No: Discharger Report: 51137 Material Group: Site No:

Incident Dt: 5/24/1991 Health/Env Conseq: Year: Client Type:

PIPE/HOSE LEAK Incident Cause: Sector Type: Incident Event: Agency Involved: Contaminant Code: Nearest Watercourse: Contaminant Name: Site Address:

Contaminant Limit 1: Site District Office: Site Postal Code: Contam Limit Freq 1: Contaminant UN No 1: Site Region: NOT ANTICIPATED

Environment Impact: Site Municipality: 21102 Nature of Impact: Site Lot:

Receiving Medium: LAND Site Conc: Receiving Env: Northing: MOE Response: Easting:

Dt MOE Arvl on Scn: Site Geo Ref Accu: 5/24/1991 **MOE** Reported Dt: Site Map Datum: **Dt Document Closed:** SAC Action Class:

ERROR Incident Reason: Source Type: Site Name:

Site County/District: Site Geo Ref Meth:

Incident Summary: PETRO CANADA - 50 L. OF GAS TO GROUND AT 2125 DUNDAS STREET

Contaminant Qty:

ONTARIO CLEAN WATER AGENCY Site:

Database: HANLON FEEDER MAIN PROJECT STANFIELD ROAD, SOUTH OF QUEENSWAY WATERMAIN/BOOSTER STATION SPL

MISSISSAUGA CITY ON

Ref No: 112312 Discharger Report: Site No: Material Group: Incident Dt: 4/24/1995 Health/Env Conseq: Year: Client Type:

Incident Cause: WASTEWATER DISCHARGE TO Sector Type:

WATERCOURSE Incident Event:

Agency Involved: Contaminant Code: Nearest Watercourse:

Contaminant Name: Site Address: Site District Office: Contaminant Limit 1: Contam Limit Freq 1: Site Postal Code: Contaminant UN No 1: Site Region:

Site Municipality: Environment Impact: **POSSIBLE** 21102

Water course or lake Nature of Impact: Site Lot: Receiving Medium: WATER Site Conc: Receiving Env: Northing:

MOE Response: Easting: PEEL WORKS, MISSISSAUGA WORKS

Dt MOE Arvl on Scn: Site Geo Ref Accu: 4/24/1995 MOE Reported Dt: Site Map Datum: Dt Document Closed:

SAC Action Class: Incident Reason: INTENTIONAL/PLANNED Source Type:

Site Name: Site County/District:

Site Geo Ref Meth: O.C.W.A. UNKNOWN QUANTITYOF WATER AND CLAY PUMPED INTO STORM SEWER. Incident Summary: Contaminant Qty:

Site: HYDRO ONE Database: HYDRO RIGHT OF WAY OFF STANFIELD RD HIGH VOLTAGE CABLE MISSISSAUGA CITY ON

Ref No: 205654 Discharger Report:

Site No: Material Group: 7/11/2001 Health/Env Conseq: Incident Dt:

Year: Client Type: PIPE/HOSE LEAK Sector Type: Incident Cause:

Incident Event: Agency Involved: CITY OF MISSISSAUGA, MOE-HP

Contaminant Code: Nearest Watercourse: Contaminant Name: Site Address: Contaminant Limit 1: Site District Office: Contam Limit Freq 1: Site Postal Code: Contaminant UN No 1: Site Region:

Environment Impact: Confirmed Site Municipality: 21102

Nature of Impact: Soil contamination Site Lot: Receiving Medium: Land Site Conc: Receiving Env: Northing: MOE Response: Easting:

Dt MOE Arvl on Scn: Site Geo Ref Accu: MOE Reported Dt: 7/11/2001 Site Map Datum: **Dt Document Closed:** SAC Action Class:

Incident Reason: **EQUIPMENT FAILURE** Source Type:

Site Name:

Site County/District: Site Geo Ref Meth:

Incident Summary: HYDRO ONE -1400 L INSULA-TION OIL TO GND FM UNDER-GND CABLE. STILL LEAKING

Contaminant Qty:

Site: The Corporation of the City of Mississauga

RICHARDS MEMORIAL PARK, NEAR LAKESHORE RD.<UNOFFICIAL> Mississauga ON

Database:

Database: SPL

Order No: 21010600151

Ref No: 2472-5NVTCU Discharger Report:

Site No: Material Group: Waste 6/26/2003

Incident Dt: Health/Env Conseq:

Client Type: Year:

Incident Cause: Sector Type: Other Plant - Sewage Municipal

Incident Event: Agency Involved: Contaminant Code: Nearest Watercourse:

Contaminant Name: SEWAGE, RAW UNCHLORINATED Site Address:

Site District Office: Contaminant Limit 1: Halton-Peel

Contam Limit Freq 1: Site Postal Code:

Contaminant UN No 1: Site Region: Central Environment Impact: Possible Site Municipality: Mississauga

Nature of Impact: Human Health/Safety Site Lot: Receiving Medium: Site Conc: Land Receiving Env: Northing: MOE Response: Easting:

Dt MOE Arvl on Scn: Site Geo Ref Accu: 6/26/2003 MOE Reported Dt: Site Map Datum:

Dt Document Closed: SAC Action Class: Spill to Land

Incident Reason: Source Type:

Site Name: RICHARDS MEMORIAL PARK, NEAR LAKESHORE RD.<UNOFFICIAL>

Site County/District: Site Geo Ref Meth:

Incident Summary: Richards Memorial Park-small sewage spill. Contaminant Qty:

Site: Petro-Canada Lubricants Inc.

Clarkson Refinery Mississauga ON L5J 2Y3

Ref No: 2822-86QNMF Discharger Report: Material Group: Site No: Incident Dt: Health/Env Conseq:

Year: Client Type:

Incident Cause: Valve / Fitting Leak Or Failure Sector Type: Other Incident Event: Agency Involved:

Contaminant Code: Nearest Watercourse: Contaminant Name: Site Address: Contaminant Limit 1: Site District Office:

Contam Limit Freq 1: Site Postal Code: Contaminant UN No 1: Site Region:

Not Anticipated Environment Impact: Site Municipality: Surface Water Pollution Nature of Impact: Site Lot: Receiving Medium: Site Conc:

Northing: Receiving Env: NA MOE Response: Easting: NA

Dt MOE Arvl on Scn: Site Geo Ref Accu: 6/24/2010 Site Map Datum: **MOE** Reported Dt:

Dt Document Closed: Incident Reason: Equipment Failure - Malfunction of system

components

385 Southdown Road Site Name:

Site County/District: Site Geo Ref Meth:

Incident Summary: Petro Canada Lubricants; leak of chlorinated water from line

Contaminant Qty:

Site: Database: Lakeshore Road West Mississauga ON SPL

3281-7AVJ8A Ref No: Discharger Report: Site No: Material Group: Incident Dt: Health/Env Conseq:

Year: Client Type: Unknown Incident Cause:

Incident Event:

Contaminant Code:

Contaminant Name: SEDIMENT(SUSPENDED SOLIDS/ SAND/

Surface Water Pollution

SILT)

Contaminant Limit 1: Contam Limit Freq 1:

Contaminant UN No 1: Environment Impact: Possible

Nature of Impact:

Receiving Medium: Receiving Env:

MOE Response:

No Field Response Dt MOE Arvl on Scn: 1/15/2008

MOE Reported Dt:

4/10/2008 **Dt Document Closed:**

Incident Reason: Site Name:

Site County/District:

Site Geo Ref Meth:

Site:

Incident Summary:

Sheridan Creek ¿ bright yellow colour Contaminant Qty: other - see incident description

Sector Type: Agency Involved: Nearest Watercourse:

SAC Action Class:

Source Type:

Site Address:

Site District Office:

Site Postal Code:

Site Region:

Site Municipality: Mississauga

Site Lot: Site Conc:

Northing: NA Easting: NA

Site Geo Ref Accu: Site Map Datum:

Source Type:

SAC Action Class: Pollution Incident Reports (PIRs) and ¿Other¿

Watercourse Spills

calls

Other

Halton-Peel

PETRO-CANADA LUBRICANTS INC. MISSISSAUGA ON

0000130104 Company Code: Sector:

Unknown - Reason not determined

Lakeshore Road West

Region: Works ID: SIC: District: SIC1: UTM Zone: SIC1 Desc: UTM Easting: SIC2: **UTM Northing:** SIC2 Desc: **UTM Precision:** SIC3: Minor Basin: SIC3 Desc: Major Basin:

Body of Water: Terminal Stream: SIC Desc: Mailing Address:

Corp Address:

2015 Report Year:

erisinfo.com | Environmental Risk Information Services

SRDS

Database:

105

Order No: 21010600151

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:8.5265Component Type:AVERAGEUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL

Sample Date: 2015/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.072404 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014704 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2015/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0054 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2015/08Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.04771 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 AS SULPHIDE Param Reported As: Sample Date: 2015/08 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

MINIMUM

MAXIMUM

Order No: 21010600151

Value: 0.035616 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS CARBON 0700 Sample Date: 2015/09 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 14.559 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE Frequency: Sample Date: 2015/09 **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.036925 MINIMUM Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Result Structure: Company Code: 0000130104 MISA MONTHLY REPORTING

Control Point ID: 0700 AS SULPHIDE Param Reported As:

2015/09 Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: 4 Component Type: NUM. IN AVERAGE

Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2015/10 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

24.308 Value: Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2015/10 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: **MAXIMUM** 9188 Component Type:

Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2015/05 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 12.492 Component Type: **MAXIMUM**

Unit of Measure: KG/D PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

MONTHLY Sample Date: 2015/05 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 12.492 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 NOT APPLICABLE Param Reported As:

2015/05 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 3.7651 Component Type: **AVERAGE**

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: SOLVENT EXTRACTABLES

KG/D

MISA Industrial Wastewater

Discharge

Unit of Measure:

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2015/05 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

MINIMUM

Order No: 21010600151

Value: 2.503

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: 2015/10 MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

MINIMUM 0.013671 Value: Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: BENZENE C6H6

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:71393.2Component Type:AVERAGEUnit of Measure:M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL

Sample Date: 2015/11 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:0.074921Component Type:MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2015/11Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.075244 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2015/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.009188 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2015/06 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.20915 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2015/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value:

KG/D Unit of Measure: PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

2015/01 Sample Date: Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: NUM. IN AVERAGE 4 Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN Sample Date: 2015/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN Sample Date: 2015/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2015/04 MONTHLY Frequency:

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Order No: 21010600151

Value: 0.015006 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/04 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 5
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 72371.5 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2015/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.050484 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2015/07Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MINIMUM

Order No: 21010600151

Value: 0 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS CARBON

 Sample Date:
 2015/07
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 58.727 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

MAXIMUM

Order No: 21010600151

Control Point ID: 0700 NOT APPLICABLE Param Reported As: Sample Date: 2015/11 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

6.987 Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL MONTHLY Sample Date: 2015/02 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Value: Component Type: NUM. IN AVERAGE

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL **MONTHLY** Sample Date: 2015/02 Frequency: MISA COMPLIANCE PETROLEUM REFINERIES

Regulation: Sector: **AVERAGE**

Component Type: Value: 0.0063182

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY 2015/02 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **MAXIMUM**

Value: 7.199

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2015/02 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 8.85 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2015/09 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MINIMUM Value: 0.47272 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: MONTHLY 2015/07 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6.7116 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/07 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value: 5

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS SULPHIDE Control Point ID: 0700 Param Reported As: Frequency: Sample Date: 2015/03 MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 0.062419 Component Type: **MAXIMUM**

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY 2015/01 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014744 Component Type: MAXIMUM Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Param Reported As: **NOT APPLICABLE Control Point ID:** 0800

Sample Date: 2015/01 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.014744 **MAXIMUM** Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2015/01 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.013323 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 8.382 Component Type: **MAXIMUM** Unit of Measure:

KG/D PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0800 Param Reported As: MONTHLY

Sample Date: 2015/06 Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: NUM. IN AVERAGE Component Type: 4

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2015/09 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type: Value: 0.12133 MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/09 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 7.3548 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As: 2015/02

Frequency: Sample Date: MONTHLY MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

AVERAGE 0.013544 Value: Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2015/03 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 72404.3 MINIMUM Component Type:

Unit of Measure: M3/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: **NOT APPLICABLE** 0800 Param Reported As:

Sample Date: 2015/02 Frequency: **MONTHLY**

MISA COMPLIANCE Sector:

Regulation: PETROLEUM REFINERIES Value: Component Type: NUM. IN AVERAGE

M3/D Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0800 Param Reported As:

Sample Date: 2015/02 MONTHLY Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.066439 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2015/03 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type: NUM. IN AVERAGE

Value:

KG/D Unit of Measure: PLANT - PROCESS EFFLUENT **Control Point Name:**

KG/D

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

2015/08 Sample Date: **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 0.015662 Component Type: **AVERAGE**

Unit of Measure:

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/09 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 5

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING 0000130104 Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2015/12 MONTHLY Frequency:

MISA COMPLIANCE Sector: PETROLEUM REFINERIES Regulation:

Value: 22.004 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0800 Param Reported As:

Sample Date: 2015/12 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MAXIMUM Value: 0.01558 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL Frequency: Sample Date: 2015/08 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.069751 MINIMUM Value: Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS CARBON 2015/05

Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: Component Type: NUM. IN AVERAGE Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2015/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.47849Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2015/09Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.051982 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: 2015/01 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2015/01Frequency:MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 31
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/12
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 31 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/10 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: MINIMUM Component Type:

Value: 4.576 KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE 0700 **Control Point ID:** Param Reported As:

Sample Date: 2015/01 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: **AVERAGE** 7.572 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE **MONTHLY** Sample Date: 2015/04 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2015/11 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 6233.7 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2015/11 Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MAXIMUM

Order No: 21010600151

Value: 9212 Component Type:

Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL 2015/03 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.0077017 **AVERAGE** Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS. UNFILTERED REACTIVE Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.37346 Component Type: MINIMUM

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

KG/D

MISA Industrial Wastewater

Discharge

Unit of Measure:

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6.678 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2015/03Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: MONTHLY

PETROLEUM REFINERIES

Value: 0.056341 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014771 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2015/04Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Order No: 21010600151

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:NOT APPLICABLESample Date:2015/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

AVERAGE

Order No: 21010600151

Value: 7550.7 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/04 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:30Component Type:NUM. IN AVERAGE

Value: 30 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.9304 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/04 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7.2466 Component Type: AVERAGE

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7.5014 Component Type: MAXIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2015/09 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value: 30 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Sample Date: 2015/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE

Component Type:

Component Type:

AVERAGE

Order No: 21010600151

Value: 5 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2015/04 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 7.5507 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

2015/04 Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 5.4 Component Type: MINIMUM

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: 2015/10 MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES **MAXIMUM** Component Type:

0.015425 Value: Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: BENZENE C6H6

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY 2015/10 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2015/12 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.037309 **AVERAGE** Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS SULPHIDE Param Reported As:

Sample Date: 2015/05 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE MONTHLY Sample Date: 2015/05 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

0.054871 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHENOL Param Reported As: 2015/06 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.004797 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2015/06 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **AVERAGE**

Value: 6.8243 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2015/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

2015/02 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: MINIMUM Component Type:

Value: 4129 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN 2015/07 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.43146 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/11 Frequency: MONTHLY

Regulation: PETROLEUM REFINERIES MISA COMPLIANCE Sector:

Value: 3.9826 Component Type: **MAXIMUM** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: Frequency: MONTHLY 2015/02

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Order No: 21010600151

Value: 4.489 Component Type: MINIMUM

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT Control Point Name:**

RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPLICABLE** 0700 Param Reported As:

Sample Date: 2015/07 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1929 Component Type: MINIMUM Unit of Measure: M3/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Frequency: Sample Date: 2015/07 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 31 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2015/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Frequency: Sample Date: 2015/02 **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

AVERAGE

Order No: 21010600151

Value: 2.8944 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2015/02 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 5.2553 Component Type:

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT** Control Point Name:

SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Parameter Name:

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS SULPHIDE Param Reported As: Sample Date: 2015/02 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE Value: 4

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN MONTHLY Sample Date: 2015/03 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE **MONTHLY** Sample Date: 2015/07 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type: Value: 0.048538 MINIMUM

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: MONTHLY 2015/08 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

AVERAGE

Order No: 21010600151

Value: 25.756 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON 2015/08 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MAXIMUM

Value: 42.601

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/12 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 71622.9 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2015/12Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.071623 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2015/12Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.54531 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/01
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.066616 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.013288Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015551 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2015/06 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.014225 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: NUM. IN AVERAGE 4 Component Type: KG/D

Unit of Measure:

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0800 Param Reported As:

Sample Date: 2015/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.54809 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2015/07 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.014422 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/07 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID:0800Param Reported As:NOT APPLICABLESample Date:2015/07Frequency:MONTHLY

Sample Date:2015/07Frequency:MONTHLYRegulation:MISA COMPLIANCESector:PETROLEUM REFINERIES

Value: 0.015139

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AVERAGE

Order No: 21010600151

Component Type:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.1758 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013927 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/02
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.067722 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2015/08Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.48826 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2015/11 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.021133 MAXIMUM Value: Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

Sample Date: 2015/08 **MONTHLY** Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.013951 MINIMUM Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0800 Param Reported As:

Sample Date: 2015/10 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MAXIMUM Value: 0.015425 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: 2015/09 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

2.4687 MINIMUM Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS SULPHIDE

Sample Date: 2015/09 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.044046 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS PHENOL Param Reported As: Sample Date: 2015/12 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: **MAXIMUM**

Value: 0.010946 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

2015/12 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **AVERAGE**

Value: 1.2093 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/12 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **MAXIMUM**

Value: 1.6542 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

MAXIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2015/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6.945

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: **NOT APPLICABLE** 0700

Sample Date: **MONTHLY** 2015/10 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value: 31 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2015/10 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: MINIMUM Component Type:

1.9235 Value:

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0700 AS SULPHIDE **Control Point ID:** Param Reported As: Sample Date: 2015/10 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Component Type:

MINIMUM

Order No: 21010600151

Value: 0.032032 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/01 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.2718 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2015/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 6.005 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2015/01 Freauencv: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 34.9 Component Type: **MAXIMUM**

Unit of Measure: KG/D PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

2015/04 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE

Value: 5 Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FI OW

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2015/12Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015057 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2015/03Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:31Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 12.257 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 10098 Component Type: MAXIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 AS PHENOL Param Reported As: Sample Date: 2015/08 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.0067605 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS PHENOL 0700 Sample Date: 2015/08 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.003332 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: 2015/03 **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 3.0869 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: Company Code: MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

2015/03 **MONTHLY** Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Component Type:

NUM. IN AVERAGE

Order No: 21010600151

Value: 4 Unit of Measure: KG/D

Control Point Name:

PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2015/08 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MINIMUM Value: 5.088 Component Type:

Unit of Measure: KG/D Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS SULPHIDE Param Reported As: Sample Date: 2015/03 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.50683 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Param Reported As: NOT APPLICABLE **Control Point ID:** 0700

Sample Date: 2015/04 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 5400 Component Type: MINIMUM

Unit of Measure: M3/D **PLANT - PROCESS EFFLUENT** Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

MONTHLY Sample Date: 2015/08 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 2.2896 Component Type:

Unit of Measure: KG/D **Control Point Name:** PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 NOT APPLICABLE Param Reported As:

2015/08 **MONTHLY** Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type: NUM. IN AVERAGE

Value: Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS SULPHIDE Param Reported As: Sample Date: 2015/08 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN Frequency: Sample Date: 2015/09 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

MAXIMUM 0.25517 Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

Discharge

Result Structure: 0000130104 MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS NITROGEN Sample Date: **MONTHLY** 2015/09 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: AS NITROGEN 0700 Param Reported As: Sample Date: 2015/09 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: NUM. IN AVERAGE Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHENOL Param Reported As: Sample Date: 2015/09 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.002867 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MAXIMUM 12.287 Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

2015/04 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 6.002

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2015/04 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MAXIMUM

Value: 5.0081 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2015/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.042014 Component Type: MINIMUM

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

2015/05 Sample Date: Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES NUM. IN AVERAGE

Value: 31 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2015/10 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 77124.9 Component Type: **MAXIMUM**

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE MONTHLY Sample Date: 2015/10 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.49975 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: **MONTHLY** 2015/12

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Order No: 21010600151

Value: 31 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPLICABLE** 0700 Param Reported As:

Sample Date: 2015/12 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 2.6712 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Frequency: Sample Date: 2015/12 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.9375 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2015/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS SULPHIDE Param Reported As: Sample Date: 2015/12 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MAXIMUM

Order No: 21010600151

Value: 0.046235 Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Control Point ID: 0700 **AS SULPHIDE** Param Reported As: Sample Date: 2015/12 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

NUM. IN AVERAGE Value: 5 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2015/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Component Type:

AVERAGE

MINIMUM

Order No: 21010600151

Value: 0.052288 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2015/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2015/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.342

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.2069 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 23.28 Component Type:

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN 2015/02 MONTHLY Sample Date:

Frequency: Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/02 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **AVERAGE**

Value: 6318.2 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Frequency: MONTHLY Sample Date: 2015/02

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **MAXIMUM**

Value: 8850 M3/D

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2015/06 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2015/11 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: MINIMUM 2.526 Component Type:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

KG/D

Unit of Measure:

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2015/11 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 2.6268

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: 4

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0700 Param Reported As: Sample Date: 2015/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.011985 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL 2015/07 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 31 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 2.2118 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

2015/07 Frequency: Sample Date: MONTHLY MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

1.4622 Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

MINIMUM

MAXIMUM

MAXIMUM

AVERAGE

Order No: 21010600151

Component Type:

Component Type:

Component Type:

Component Type:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2015/02 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.050393 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: AS CARBON 0700 Param Reported As: Sample Date: 2015/03 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 32.993 KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS CARBON 0700 Param Reported As:

Sample Date: 2015/03 MONTHLY Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type: MINIMUM

Value: 21.371 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.2814 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN 2015/08 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE KG/D

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2015/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2015/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 69389 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 73718.8 Component Type: MAXIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: AS SULPHIDE

Sample Date: 2015/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.48572 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2015/01Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.51603Component Type:MAXIMUMUnit of Measure:KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2015/01Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.46631 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/01 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 75160.9 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/07 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value: 5 KG/D

Unit of Measure: Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE 0800 **Control Point ID:** Param Reported As:

Sample Date: 2015/06 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

0.015032 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/06 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.01566 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2015/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.57433 **AVERAGE** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: വരവ Param Reported As:

Sample Date: 2015/03 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: 4 NUM. IN AVERAGE Component Type:

Value: Unit of Measure: M3/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE 2015/08 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: NUM. IN AVERAGE 4 Component Type:

Order No: 21010600151

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013506 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 74893.8 Component Type: MAXIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2015/09Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.074894 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2015/11Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 0.016555 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

MONTHLY Sample Date: 2015/11 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPLICABLE** 0800 Param Reported As:

Sample Date: 2015/08 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MINIMUM Value: 69751.4 Component Type:

Unit of Measure: M3/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL Frequency: Sample Date: 2015/05 **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

MAXIMUM Value: 0.012492 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

2015/05 Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 2.183 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MAXIMUM Value: 2.6483 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS SULPHIDE Param Reported As: Sample Date: 2015/10 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: NUM. IN AVERAGE Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2015/09 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 5.753 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2015/11 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 0.015109 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 NOT APPLICABLE Param Reported As:

2015/11 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE

Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **BENZENE C6H6**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

Sample Date: 2015/11 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 75244 Component Type: **AVERAGE**

M3/D Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: 2015/11 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

75546 **MAXIMUM** Value: Component Type:

Unit of Measure: M3/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **FLOW**

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

Component Type:

MINIMUM

MAXIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4343 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2015/01Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0063635 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7058 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2015/12Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.005756 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS. UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2015/01Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/10 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Value: 4
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2015/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.037727 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2015/11Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 25.16 Component Type: AVERAGE

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT
CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2015/11Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2015/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.073521 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/04
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2015/05 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.014565 **AVERAGE** Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **BENZENE C6H6**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2015/05 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type: Value: 0.013753 MINIMUM

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2015/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector:

PETROLEUM REFINERIES **AVERAGE** Component Type:

0.070342 Value: Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2015/06 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

Component Type:

MINIMUM

AVERAGE

Order No: 21010600151

Value: 2.3923

Unit of Measure: KG/D Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2015/03 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7701.7 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Sector:

Component Type:

Component Type:

AVERAGE

MAXIMUM

Order No: 21010600151

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

Frequency: Sample Date: 2015/03 MONTHLY MISA COMPLIANCE PETROLEUM REFINERIES

Regulation: 0.98126 Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL MONTHLY Sample Date: 2015/08 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.010098 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type: Value: 2.0158 **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: MONTHLY 2015/08 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.2341

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2015/08 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 1.8202 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/03 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

AVERAGE Value: 3.5401 Component Type:

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: MONTHLY 2015/03 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5.406 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2015/03 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

NUM. IN AVERAGE Value: Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As: Frequency: Sample Date: 2015/04 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 33.661 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY 2015/04 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 12287 Component Type: **MAXIMUM**

Unit of Measure: M3/D **Control Point Name:** PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2015/04 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Order No: 21010600151

Value: NUM. IN AVERAGE 30 Component Type:

KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

MINIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2015/09 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 2867

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: 2015/09 Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.0057661 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2015/04 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value: 30

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: RESIDUE.PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE 2015/05 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.49239 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2015/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 14.303

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING **Control Point ID:** 0700 **NOT APPLICABLE** Param Reported As: 2015/10 Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

AVERAGE

MINIMUM

Order No: 21010600151

Component Type:

Component Type:

5714.8 Value: Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2015/05 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7.3287 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2015/10 Frequency: **MONTHLY**

MISA COMPLIANCE Sector: PETROLEUM REFINERIES Regulation:

Value: 0.004069 Component Type: MINIMUM

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2015/06 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4797 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **AVERAGE** Component Type:

Value: 1.5981 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

2015/04 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 75028.9 Component Type: **MAXIMUM** M3/D

Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2015/07Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Value: 5
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2015/07Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 23.753 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2015/11Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.02303 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2015/12Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2015/02Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.004129 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2015/02 Frequency: **MONTHLY** MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector:

Value: 6.3182

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHENOL Param Reported As: 2015/07 Frequency: MONTHLY Sample Date:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.001929 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/07 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **MAXIMUM**

Value: 3.0232 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2015/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **AVERAGE** Component Type:

8.1994 Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS NITROGEN 0700 2015/03 Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: O Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN 2015/03 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Unit of Measure:

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE 0800 **Control Point ID:** Param Reported As:

Sample Date: 2015/09 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013787 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/07 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 26.008 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2015/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 1.929

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2015/07 Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 3.1614 Component Type: MINIMUM

Unit of Measure: KG/D Control Point Name: **PLANT - PROCESS EFFLUENT**

SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2015/07 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.083895 **MAXIMUM** Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2015/08Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/12
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.075284 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2015/12Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.52699 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2015/03Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.046746 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2015/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/02 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 72107.9 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/07
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.075692 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE

Sample Date: 2015/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.54718 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2015/07Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.50475 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2015/07Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS SULPHIDE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2015/06 **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/09 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE Value: 5 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 AS SULPHIDE Param Reported As: 2015/02 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.47281 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

Sample Date: 2015/02 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.013288 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: 2015/03 MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES **MAXIMUM** Component Type:

Order No: 21010600151

0.015248 Value: Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: BENZENE C6H6

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:66439.2Component Type:MINIMUMUnit of Measure:M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2015/08Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.5081 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013951 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/08 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 71200.8 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/12 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.014325 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2015/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: **MAXIMUM**

Value: 30.182 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0700 Param Reported As: Sample Date: 2015/05 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.004402 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE 2015/10 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.53987 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS CARBON MONTHLY Sample Date: 2015/01 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 18.127 Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: **MONTHLY** 2015/01

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 6363.5 Component Type: **AVERAGE**

Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS NITROGEN **Control Point ID:** 0700 Param Reported As: Sample Date: 2015/01 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: MINIMUM Component Type:

KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS NITROGEN Param Reported As: Sample Date: 2015/01 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2015/12 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 0.87768 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2015/12 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

AVERAGE

Order No: 21010600151

Value: 6.2838

Unit of Measure: KG/D Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2015/10 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 2.7086 Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

Component Type:

AVERAGE

MINIMUM

Order No: 21010600151

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2015/11Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 8.1693 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.6358 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6.618 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.343

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2015/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.5066 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

AVERAGE Value: 0.01672 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: MONTHLY 2015/11 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: 30 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/11 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 2526 Component Type: MINIMUM

Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHOSPHORUS **Control Point ID:** 0700 Param Reported As:

Frequency: Sample Date: 2015/11 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **MAXIMUM**

Value: 0.22773 Unit of Measure: KG/D

Control Point Name:

PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY 2015/05 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 66186.9 Component Type: MINIMUM Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2015/05 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.066187 MINIMUM Component Type:

KG/D Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2015/05 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 70342.1 Component Type: **AVERAGE**

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: NUM. IN AVERAGE 5 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2015/03 Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 17.834 Component Type: MAXIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL

2015/08 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value: 31 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/08 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 13.686 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As: 2015/08 Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value: 4 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2015/03 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: NUM. IN AVERAGE 4 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: AS PHOSPHORUS 0700 Param Reported As:

Sample Date: 2015/04 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 1.4509 Component Type: **AVERAGE**

KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0700 Param Reported As: Sample Date: 2015/08 MONTHLY Frequency:

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Component Type:

MAXIMUM

Order No: 21010600151

Value: 0.064827 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2015/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **MAXIMUM**

Value: 25.517

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON 2015/09 Sample Date: **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5766.1 Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 8089 Component Type: MAXIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/09
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.008089 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2015/09Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:30Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2015/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.08465 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As: Sample Date: 2015/10 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector: NUM. IN AVERAGE Component Type:

Value: 31 M3/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

2015/05 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/05 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **MAXIMUM**

Value: 4.8719 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2015/10 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.071393 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS PHENOL 0800 Sample Date: Frequency: MONTHLY 2015/10

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.077125 Value: Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2015/12 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.2408 Component Type: AVERAGE

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 74921.4 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/10
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 31 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/10
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0057148 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:1.5144Component Type:AVERAGEUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 2.6044 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2015/10 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.50794 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON 2015/06

Sample Date: Frequency: MONTHLY PETROLEUM REFINERIES

Regulation: MISA COMPLIANCE Sector: MINIMUM Component Type:

Value: 27.603 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2015/06 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: **MAXIMUM**

Value: 9958 Component Type:

Unit of Measure: M3/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE 0700 **Control Point ID:** Param Reported As:

Sample Date: 2015/01 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: **MAXIMUM** 2.9369 Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL 2015/06 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 30 Component Type: NUM. IN AVERAGE

Order No: 21010600151

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:NOT APPLICABLESample Date:2015/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

AVERAGE

NUM. IN AVERAGE

Order No: 21010600151

Value: 7.1855 Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:RESIDUE,PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.797 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2015/02Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2015/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.13344Component Type:AVERAGEUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2015/07Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Value: 5

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2015/11 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 6.2337 Component Type: **AVERAGE**

Unit of Measure: KG/D PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0700 Param Reported As: Sample Date: 2015/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.048909 **MAXIMUM** Value:

Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS NITROGEN Param Reported As: 2015/12 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.3592 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

Sample Date: 2015/02 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.14398 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2015/07 Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

NUM. IN AVERAGE Value: Component Type: 5 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7.7708 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2015/07Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.057396 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date:2015/08Frequency:MONTHLYRegulation:MISA COMPLIANCESector:PETROLEUM REFINERIES

Regulation:MISA COMPLIANCESector:PETROLEUValue:0.23153Component Type:MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2015/08Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 16.282 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 75284.2 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE

Sample Date: 2015/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.50136 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013323 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/01
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.069389 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.028912 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 78297.6 Component Type: MAXIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2015/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: NUM. IN AVERAGE Component Type:

M3/D Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS PHENOL Param Reported As: Sample Date: 2015/06 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type: Value: 0.071123 MINIMUM

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL 2015/07 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM

0.078169 Value: Component Type: Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 AS PHENOL Param Reported As: Sample Date: 2015/07 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.072108 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Order No: 21010600151

0800 **NOT APPLICABLE Control Point ID:** Param Reported As:

Sample Date: 2015/07 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 0.014422 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:NOT APPLICABLESample Date:2015/08Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014517 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.3866 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 72585.2 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015099 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014771 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 73857.8 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 76236.2 Component Type: MAXIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/02
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.069637 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2015/08Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.52844 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.01424 Component Type: AVERAGE

Unit of Measure: KG/D
Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014979 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/09
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.071201 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE

Sample Date: 2015/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.52882Component Type:MAXIMUMUnit of Measure:KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014985 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/08
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.072585 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2015/05Frequency:MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 0
 Component Type:
 MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

2015/05 Sample Date: Frequency: MONTHLY MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 7328.7 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2015/05 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: 31 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2015/05 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: Component Type: NUM. IN AVERAGE

KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2015/10 MONTHLY Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.013671 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Value: Component Type:

KG/D Unit of Measure:

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2015/09 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5.7661 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2015/09 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

3.3575 MAXIMUM Value: Component Type: Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2015/09 **MONTHLY** Frequency:

MISA COMPLIANCE Sector: Regulation: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

MINIMUM

Order No: 21010600151

Control Point ID: AS CARBON 0700 Param Reported As: Sample Date: 2015/01 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 13.66

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL Frequency: 2015/01 MONTHLY Sample Date:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.004343 MINIMUM Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: Param Reported As: AS CARBON 0700 Sample Date: 2015/12 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 14.581 Component Type: MINIMUM

Unit of Measure: KG/D **Control Point Name: PLANT - PROCESS EFFLUENT** CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Parameter Name:

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2015/12 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector: Value: NUM. IN AVERAGE 31 Component Type:

M3/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS NITROGEN Param Reported As: 2015/01 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **AVERAGE**

Value: Component Type: n

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2015/06 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.0066682 Value: Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Value: Component Type:

KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: **NOT APPLICABLE** 0700

Sample Date: **MONTHLY** 2015/10 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value: 4 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS NITROGEN 2015/11 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

26.952 **MAXIMUM** Value: Component Type: KG/D

Unit of Measure: Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0700 AS PHOSPHORUS **Control Point ID:** Param Reported As:

Sample Date: 2015/01 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.7867 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS.UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/01 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: 31 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

0800 AS SULPHIDE **Control Point ID:** Param Reported As: Sample Date: 2015/04 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.5252 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: വരവ Param Reported As:

Sample Date: 2015/04 Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.014475 **MINIMUM** Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2015/04 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE

Order No: 21010600151

Value: 5 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL 2015/11 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **MAXIMUM**

Value: 0.009212 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL 2015/11

Sample Date: Frequency: MONTHLY Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 0.002526 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2015/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE Component Type:

Value: KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE 0800 **Control Point ID:** Param Reported As:

Sample Date: 2015/12 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.01558 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2015/03 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 5406 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As: 2015/03 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: 4 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPLICABLE** 0700 Param Reported As:

Sample Date: 2015/08 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value: 31 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Frequency: Sample Date: 2015/08 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Result Structure: Company Code: 0000130104 MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

2015/03 Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: 31 Component Type: NUM. IN AVERAGE

Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2015/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

0.53366 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2015/03 Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Order No: 21010600151

0.014481 MINIMUM Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/03
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.076236 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2015/04 Frequency: MONTHLY

Sample Date:2015/04Frequency:MONTHLYRegulation:MISA COMPLIANCESector:PETROLEUM REFINERIES

Value: 25.34 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/04
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0075507 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

AVERAGE

Order No: 21010600151

Value: 3.9064

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS CARBON

 Sample Date:
 2015/09
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 19.712 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

Discharge

Result Structure: 0000130104 MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY 2015/08 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

AVERAGE

Order No: 21010600151

Value: 9.013 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Sample Date: 2015/04 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 3.0015 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2015/04 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value: 5 Unit of Measure:

KG/D PLANT - PROCESS EFFLUENT Control Point Name:

SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2015/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

0.058674 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **AS SULPHIDE** Param Reported As: 2015/05 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.46331 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS CARBON **Control Point ID:** 0700 Param Reported As:

Sample Date: 2015/10 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **AVERAGE**

MONTHLY

Order No: 21010600151

Value: 17.358 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2015/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

2015/10 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 4069 MINIMUM Component Type: Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Component Type:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2015/05 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES MINIMUM

Value: 4.402

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2015/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.03339 Component Type: MINIMUM Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

KG/D

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/01 **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.013878 Component Type: **AVERAGE**

Unit of Measure: KG/D PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0700 Param Reported As: Sample Date: 2015/05 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.035042 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As:

Frequency: Sample Date: 2015/06 **MONTHLY** Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 30.074 Component Type: **MAXIMUM**

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT Control Point Name:**

CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2015/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Component Type:

NUM. IN AVERAGE

MAXIMUM

Order No: 21010600151

Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2015/06 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 7.212 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2015/06 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 6.134 Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 NOT APPLICABLE Param Reported As: Sample Date: 2015/06 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value: 4 KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON MONTHLY Sample Date: 2015/02 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

AVERAGE

Order No: 21010600151

Value: 34.516 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2015/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: 28 Component Type: NUM. IN AVERAGE

Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY 2015/04 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **AVERAGE**

Value: 73521.4 Component Type:

Unit of Measure: M3/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2015/07 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 6724.4 Component Type: **AVERAGE**

Unit of Measure: M3/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/11 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: Component Type: NUM. IN AVERAGE

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN MONTHLY Sample Date: 2015/12 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.0065 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN Sample Date: 2015/12 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.13723 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHOSPHORUS **Control Point ID:** 0700 Param Reported As:

Frequency: Sample Date: 2015/02 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 1.6177 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

MONTHLY 2015/07 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As: 2015/07

Sample Date: Frequency: MONTHLY MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value:

MINIMUM 6.934 Component Type:

Unit of Measure: KG/D Control Point Name: **PLANT - PROCESS EFFLUENT** RESIDUE, PARTICULATE

Parameter Name:

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2015/02 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 1.8533 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2015/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: MINIMUM 0 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2015/12 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: NUM. IN AVERAGE Component Type: 5

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2015/07 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 31 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN Sample Date: 2015/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 0

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID:0800Param Reported As:NOT APPLICABLESample Date:2015/12Frequency:MONTHLY

Sample Date:2015/12Frequency:MONTHLYRegulation:MISA COMPLIANCESector:PETROLEUM REFINERIES

Value: 77900.3 Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

MAXIMUM

Order No: 21010600151

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2015/12Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0779 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/12
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2015/04 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 66616.2 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7.7017 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013544 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 71123.8 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2015/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.49787 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 75692.4 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/07 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:78168.7Component Type:MAXIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/02
 Frequency:
 MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/03 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 67721.9 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2015/11Frequency:MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value:

KG/D Unit of Measure:

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE 0800 **Control Point ID:** Param Reported As:

Sample Date: 2015/08 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/08 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: Component Type: NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AS PHENOL **Control Point ID:** 0800 Param Reported As: Sample Date: 2015/08 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.075492 **MAXIMUM** Component Type:

KG/D Unit of Measure:

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **AS NITROGEN** Param Reported As: Sample Date: 2015/05 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Value: Component Type: NUM. IN AVERAGE 4

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS CARBON 2015/05 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: MINIMUM 15.018 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2015/10 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.014279 Value: Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/09 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE

Component Type:

Value: 5 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2015/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE Component Type:

Value: M3/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0700 AS PHENOL **Control Point ID:** Param Reported As: Sample Date: 2015/01 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.009296 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2015/12 Frequency: **MONTHLY** Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 5403.5 Component Type: **AVERAGE**

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 AS PHENOL Param Reported As: Sample Date: 2015/12 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

MINIMUM

NUM. IN AVERAGE

Order No: 21010600151

Value: 0.004031

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPLICABLE** 0700 Param Reported As:

Sample Date: 2015/12 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type: **MAXIMUM** Value: 9.54

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: 2015/12 **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 4.968 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Result Structure: Company Code: 0000130104 MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

MONTHLY Sample Date: 2015/12 Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Component Type:

Value: 5 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN 2015/11

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MINIMUM Value: 0 Component Type:

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As: Sample Date: 2015/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 30.743 **MAXIMUM** Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: 2015/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:18.095Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

Talameter Name. OARBON, BIOGGEVED ORGANI

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7.145 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2015/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.51465 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/05 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2015/11Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0062337 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

Discharge

Result Structure: 0000130104 MISA MONTHLY REPORTING Company Code:

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: MONTHLY 2015/06 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 3.0341 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2015/03 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.005406 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2015/08 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MINIMUM

Value: 3332 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MAXIMUM 0.015248 Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As: 2015/04 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 17.406 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2015/08 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:31Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:RESIDUE,PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2015/09Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.1382 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.1421 Component Type: AVERAGE

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PLANT - PROCESS EFFLUENT
Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2015/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.050726 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2015/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES
Value: 5 Component Type: NUM. IN AVERAGE

Value: 5 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS SULPHIDE

 Sample Date:
 2015/05
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 0.52019 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.8572 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5.006 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/05 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Value: 4
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 68356.6 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 4.031 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

<u>Discharge</u>

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: NOT APPLICABLE 0800 Param Reported As: Sample Date: 2015/11 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure: M3/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE MONTHLY Sample Date: 2015/05 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

Component Type:

MAXIMUM

AVERAGE

AVERAGE

Order No: 21010600151

Value: 0.087444

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON **MONTHLY** Sample Date: 2015/06 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type:

Value: 28.582

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY 2015/06 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6668.2 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2015/01 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.042035 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2015/01 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.046326 **AVERAGE** Value: Component Type:

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN 2015/02 Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2015/02 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 59.875 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS CARBON Control Point ID: 0700 Param Reported As: Frequency: MONTHLY Sample Date: 2015/02

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MINIMUM

Value: 8.5291

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY 2015/04 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014475 Component Type: MINIMUM

Unit of Measure: KG/D **Control Point Name:** PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **BENZENE C6H6**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2015/07 Frequency: MONTHLY MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Regulation: Value:

11985 **MAXIMUM** Component Type:

Control Point Name: **PLANT - PROCESS EFFLUENT**

M3/D

Parameter Name: **FLOW**

Unit of Measure:

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2015/11 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 3.29 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5.2038 Component Type: **AVERAGE** Unit of Measure:

KG/D PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2015/11 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type: NUM. IN AVERAGE

Value: 4 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2015/11 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL MONTHLY Sample Date: 2015/02 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.00885 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID:0700Param Reported As:NOT APPLICABLESample Date:2015/02Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Component Type:

Component Type:

AVERAGE

MAXIMUM

AVERAGE

Order No: 21010600151

Value: 5.7085 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/07
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0067244 Component Type: AVERAGE

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 11.985

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2015/02Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.04689 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2015/02Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.044758 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS CARBON

 Sample Date:
 2015/03
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 25.08 Component Type: AVERAGE

KG/D

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.029908 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014279 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2015/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.11101 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/12 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/01
 Frequency:
 MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2015/01Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2015/05Frequency:MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.017163 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2015/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.52613 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015634 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2015/07Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2015/07Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.52985 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015634 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014225 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2015/02Frequency:MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Order No: 21010600151

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014481 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.018922 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/09
 Frequency:
 MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2015/09Frequency:MONTHLYRegulation:MISA COMPLIANCESector:PETROLEUM REFINERIES

Regulation:MISA COMPLIANCESector:PETROLEUValue:0.4984Component Type:AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2015/09Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.52425 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

2015/12 Sample Date: Frequency: MONTHLY MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector:

Value: 0.015057 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS NITROGEN 0700 Param Reported As: Sample Date: 2015/05 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.53716 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON Frequency: Sample Date: 2015/05 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

AVERAGE Value: 23.592 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Result Structure: Company Code: 0000130104 MISA MONTHLY REPORTING

Control Point ID: 0700 NOT APPLICABLE Param Reported As:

MONTHLY 2015/05 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MINIMUM

Order No: 21010600151

Value: 4402 Unit of Measure: M3/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

FI OW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2015/05 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

0.0073287 Value: Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2015/09 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: NUM. IN AVERAGE 30 Component Type:

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:2.9384Component Type:AVERAGEUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015049 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 9296 Component Type: MAXIMUM

Unit of Measure: M3/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS CARBON

 Sample Date:
 2015/12
 Frequency:
 MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

 Value:
 5
 Component Type:
 NUM. IN AVERAGE

 Unit of Measure:
 KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/06 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:30Component Type:NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5.3895 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:5.7148Component Type:AVERAGEUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: RESIDUE, PART LOSS ON IGNIT.

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MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 9.188 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2015/11Frequency:MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Value: 4
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/01 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/01 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.024587 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 74313.5 Component Type: MAXIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 3.5339 Component Type: MAXIMUM Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 31 Component Type: NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2015/03 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 8917 Component Type: **MAXIMUM**

Unit of Measure: M3/D Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHENOL Param Reported As: Frequency: Sample Date: 2015/03 **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MAXIMUM

Value: 0.008917 Component Type:

Unit of Measure: KG/D **Control Point Name: PLANT - PROCESS EFFLUENT**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2015/03 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2015/08 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

AVERAGE

Order No: 21010600151

Value: 6760.5

Unit of Measure: M3/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2015/03 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 8.917 Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

Component Type:

MAXIMUM

MAXIMUM

Order No: 21010600151

Control Point ID:0700Param Reported As:NOT APPLICABLESample Date:2015/03Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.5477 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2015/03Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.073858 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2015/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.012287 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.6769

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 39.33 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:RESIDUE,PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 4.177 Component Type:

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2015/05 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN Sample Date: 2015/10 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.2153 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS NITROGEN Param Reported As: Frequency: Sample Date: 2015/10 MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: Component Type: **MINIMUM**

Value: 0 KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS NITROGEN 2015/10 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2015/05 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Order No: 21010600151

Value: 7.8388 **AVERAGE** Component Type:

Unit of Measure: KG/D Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PARTICULATE

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/05 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL

Sample Date: 2015/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.068357Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/10
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: MONTHLY

PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5.8822 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 10.186 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:RESIDUE,PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/11
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.075546

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

MAXIMUM

Order No: 21010600151

Component Type:

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2015/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.009958 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.2697 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/06 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2015/01Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.050015 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2015/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.04777 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2015/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.042938 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2015/07Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 33.245 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

MAXIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 9.212 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PLANT - PROCESS EFFLUENT
Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/11 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:30Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:1.7726Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AS SULPHIDE **Control Point ID:** 0700 Param Reported As: Sample Date: 2015/11 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 0.036426 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

2015/02 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **AVERAGE**

Value: 0.9034 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2015/02 Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

MINIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2015/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.129 Component Type: Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: **NOT APPLICABLE** 0700

2015/02 Sample Date: **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value: 28 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE 2015/09 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE

Component Type: Value: 5

KG/D Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE 0800 **Control Point ID:** Param Reported As:

Sample Date: 2015/09 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.091844 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/09 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AS SULPHIDE **Control Point ID:** 0700 Param Reported As: Sample Date: 2015/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE

Value: 5 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **AS SULPHIDE** Param Reported As: Sample Date: 2015/03 Freauency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL 2015/01 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Order No: 21010600151

Value: 0.073719 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

PHENOLICS. UNFILTERED REACTIVE Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013878 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013927 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.046437 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013753 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/06
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.075161 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2015/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.078297 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015139 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2015/02Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.67267 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 69636.8 Component Type: MAXIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/08
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2015/09 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 67530.5 Component Type: MINIMUM

Unit of Measure: M3/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHENOL **Control Point ID:** 0800 Param Reported As: MONTHLY 2015/09

Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 0.06753 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 AS SULPHIDE Param Reported As: 2015/11 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.52671 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS SULPHIDE Control Point ID: 0800 Param Reported As: Sample Date: 2015/11 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.52445 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: 2015/08 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

MAXIMUM 75491.3 Value: Component Type:

Unit of Measure: M3/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **FLOW**

Discharge

Result Structure: 0000130104 MISA MONTHLY REPORTING Company Code:

Component Type:

Component Type:

AVERAGE

MAXIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS NITROGEN Sample Date: MONTHLY 2015/05 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.13429 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Sample Date: 2015/05 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 12492 **MAXIMUM** Component Type:

Unit of Measure: M3/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2015/09 Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 10.55 KG/D

Unit of Measure: PLANT - PROCESS EFFLUENT Control Point Name:

RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: **MAXIMUM** Component Type:

8.089 Value:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

2015/09 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MINIMUM

Value: 2.867

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2015/11 MONTHLY Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.014985 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2015/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 22.15 Component Type: **MAXIMUM**

Unit of Measure: KG/D Control Point Name:

PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

Component Type:

MAXIMUM

Order No: 21010600151

Control Point ID: AS CARBON 0700 Param Reported As: Sample Date: 2015/12 MONTHLY Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 28.143 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2015/12 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES MINIMUM

Value: 4031 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2015/10 Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 4.069 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: Frequency: **MONTHLY** 2015/10

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 2.2163 Component Type: **AVERAGE**

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT Control Point Name:**

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2015/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.048615 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2015/10Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Value: 4
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2015/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.6494 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/04
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.075029 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2015/04
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.072372 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

<u>Discharge</u>

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 NOT APPLICABLE Param Reported As: Frequency: Sample Date: 2015/05 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.015223 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL MONTHLY Sample Date: 2015/11 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

MONTHLY Sample Date: 2015/11 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type: Value: 0.15549 **AVERAGE**

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: MONTHLY 2015/11 Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.05593 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2015/05 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2015/05 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.074313 Component Type: MAXIMUM

Unit of Measure: Control Point Name: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014325 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2015/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.6542 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2015/03Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.51701 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2015/03 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

Site: PETRO-CANADA LUBRICANTS INC.
MISSISSAUGA ON

Company Code: 0000130104 Sector:

Works ID: Region: SIC: District: SIC1: UTM Zone: SIC1 Desc: UTM Easting: SIC2: **UTM Northing:** SIC2 Desc: **UTM Precision:** SIC3: Minor Basin: SIC3 Desc: Major Basin:

erisinfo.com | Environmental Risk Information Services Order No: 21010600151

Database:

SRDS

Body of Water: 2016 Report Year:

Terminal Stream: SIC Desc: Mailing Address: Corp Address:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE 0800 **Control Point ID:** Param Reported As:

Sample Date: 2016/02 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

73832.4 **MAXIMUM** Value: Component Type:

Unit of Measure: M3/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2016/03 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 72366.7 Component Type: **AVERAGE**

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AS PHENOL **Control Point ID:** 0800 Param Reported As: Sample Date: 2016/03 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.072367 **AVERAGE** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

AS PHENOL Control Point ID: 0800 Param Reported As:

Sample Date: 2016/02 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Value: 0.073833 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2016/08 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: **MAXIMUM** 22.602 Component Type:

Unit of Measure: KG/D **Control Point Name:**

PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2016/08 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Component Type:

AVERAGE

MAXIMUM

Order No: 21010600151

8.6255 Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6.6666

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2016/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: NUM. IN AVERAGE Component Type:

KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHENOL Param Reported As: Sample Date: 2016/09 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.010427 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL 2016/09 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: MINIMUM

Value: 0.007112 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

2016/06 MONTHLY Sample Date: Frequency: Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: M3/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS CARBON 0700 Param Reported As: Sample Date: 2016/04 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type: Value: 41.05 **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: 2016/04 **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

3546 MINIMUM Value: Component Type: Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Result Structure: Company Code: 0000130104 MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

2016/04 Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type: NUM. IN AVERAGE

Value: 30 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FI OW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2016/01 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE Component Type:

Value: 31 KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2016/01 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 3.4995 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: 2016/02 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 31.034 Component Type: **MAXIMUM** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0700 Param Reported As:

MONTHLY Sample Date: 2016/04 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.003546 MINIMUM Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS PHENOL 2016/04 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 30 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

Sample Date: 2016/04 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 1.1833 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS NITROGEN 2016/05 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: **AVERAGE** Component Type: n

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.012926Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 71522.8 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2016/08
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.071523 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2016/02Frequency:MONTHLYRegulation:MISA COMPLIANCESector:PETROLEUM REFINERIES

Value: 29 Component Type: NUM. IN AVERAGE

Value: 29 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2016/02 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 76860.7 Component Type: MAXIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2016/11Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.076861 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

AVERAGE

Order No: 21010600151

Value: 8.4127

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2016/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.0674 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.7694 Component Type: MINIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2016/02Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.067886Component Type:MAXIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS CARBON

 Sample Date:
 2016/03
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 27.786 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 73205.4 Component Type: MAXIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 72057.7 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

Component Type:

AVERAGE

AVERAGE

MINIMUM

Order No: 21010600151

Control Point ID: 0700 NOT APPLICABLE Param Reported As: Sample Date: 2016/10 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

5592.6 Value: Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2016/10 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 10768 Component Type: **MAXIMUM** Unit of Measure: M3/D

Control Point Name:

PLANT - PROCESS EFFLUENT

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON **MONTHLY** Sample Date: 2016/01 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type:

Value: 28.479 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: MONTHLY 2016/01 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 27.284 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN 2016/05 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2016/05 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

NUM. IN AVERAGE Value: Component Type:

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE MONTHLY Sample Date: 2016/09 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.51244 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2016/03 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.009822 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHENOL **Control Point ID:** 0700 Param Reported As: Frequency: MONTHLY Sample Date: 2016/03

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 0.004552 Component Type: MINIMUM

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY 2016/03 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.3173 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2016/01 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: NUM. IN AVERAGE 4 Component Type: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SOLVENT EXTRACTABLES

Unit of Measure:

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2016/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING 0000130104 Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: 2016/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: Component Type: NUM. IN AVERAGE 4

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0700 Param Reported As: Sample Date: 2016/04 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.010052 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2016/04 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type:

AVERAGE

Order No: 21010600151

Value: 7.6188 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 7.9911 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date:2016/10Frequency:MONTHLYRegulation:MISA COMPLIANCESector:PETROLEUM REFINERIES

Value: 65954.9 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2016/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.46168 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.6324 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM

Order No: 21010600151

Value: 64628.5 Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2016/07Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.4524 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.078284 Component Type: AVERAGE

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Frequency: Sample Date: 2016/11 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 3.3124 MAXIMUM Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2016/11 **MONTHLY** Frequency:

MISA COMPLIANCE Sector: PETROLEUM REFINERIES Regulation:

Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0700 Param Reported As: Sample Date: 2016/06 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.048863 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN Frequency: Sample Date: 2016/07 **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT** Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: 2016/07 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 29.956 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

2016/07 Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector: Value: NUM. IN AVERAGE 31 Component Type:

M3/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHENOL Param Reported As: 2016/05 Frequency: MONTHLY Sample Date:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.004387 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2016/05 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2016/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.015373 **MAXIMUM** Value: Component Type:

KG/D Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS PHENOL 0700 Sample Date: MONTHLY 2016/11 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.016956 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHENOL 2016/07 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE 31 Component Type:

Value: KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE 0700 **Control Point ID:** Param Reported As:

Sample Date: 2016/07 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: **AVERAGE** 8.373 Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON **MONTHLY** Sample Date: 2016/12 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE

Order No: 21010600151

Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2016/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **MAXIMUM** 9299

Value: Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AS SULPHIDE Control Point ID: വരവ Param Reported As:

Sample Date: 2016/12 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.48219 Component Type: **MINIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL 2016/10 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: NUM. IN AVERAGE 29 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS. UNFILTERED REACTIVE Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2016/10 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **MAXIMUM**

Value: 1 1774 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2016/10 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 0.30291 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2016/10 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: MINIMUM 2.211 Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2016/10 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **AVERAGE**

Value: 2.3164 Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2016/10 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.033627 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2016/12Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MINIMUM

Order No: 21010600151

Value: 0.046655 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2016/08Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0086255 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/04 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 71403 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2016/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.9384 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014957 Component Type: MAXIMUM

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2016/04 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.014281 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0800 Param Reported As:

Sample Date: 2016/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 NOT APPLICABLE Param Reported As:

2016/05 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 77712.2 Component Type: MAXIMUM

Unit of Measure: M3/D **Control Point Name:** PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

Sample Date: 2016/05 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 68561.5 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Frequency: Sample Date: 2016/06 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES MINIMUM

Order No: 21010600151

Value: 0.92705 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

Discharge

Result Structure: 0000130104 MISA MONTHLY REPORTING Company Code:

Component Type:

MINIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY 2016/06 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

5.823 Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2016/08 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.070311 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2016/11 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.015373 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE

Value: Component Type:

Control Point Name: PLANT - PROCESS EFFLUENT

KG/D

SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

Unit of Measure:

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

MONTHLY Sample Date: 2016/11 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: 5 Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHENOL **Control Point ID:** 0800 Param Reported As:

Sample Date: 2016/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.073283 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2016/11Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.070777 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2016/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

Component Type:

MAXIMUM

MINIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 22.126

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2016/09Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

 Value:
 0.059227

 Unit of Measure:
 KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS NITROGEN

 Sample Date:
 2016/10
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS CARBON **Control Point ID:** 0700 Param Reported As: Sample Date: 2016/10 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 17.346 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Frequency: Sample Date: 2016/02 **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 9.0173 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0700 AS SULPHIDE Param Reported As: Sample Date: 2016/02 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.05464

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Control Point ID: 0700 AS NITROGEN Param Reported As: Sample Date: 2016/03 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: NUM. IN AVERAGE

Value: 5 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AVERAGE

Order No: 21010600151

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2016/08Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.50066 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2016/01Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2016/01Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0079006 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2016/05Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.47993 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015543 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS CARBON

 Sample Date:
 2016/05
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 32.057 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2016/09Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.073206 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2016/09
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.072058 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/09 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 9822 Component Type: MAXIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2016/12Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN **MONTHLY** Sample Date: 2016/07 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2016/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: Component Type: MINIMUM 0

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS CARBON 0700 Param Reported As: Sample Date: 2016/07 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 16.082 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2016/05 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type:

MINIMUM

Order No: 21010600151

Value: 4387 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

FI OW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2016/05 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 8.436 Component Type: **MAXIMUM**

Unit of Measure: KG/D **Control Point Name:**

PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2016/11Frequency:MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 5
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2016/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.10513 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2016/04 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 0
 Component Type:
 MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MAXIMUM

Order No: 21010600151

Value: 8622 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLANT - PROCESS

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 8.0387 Component Type: AVERAGE

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: 2016/12 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **MAXIMUM** Component Type:

30.927 Value: Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING 0000130104 Company Code: Result Structure:

Control Point ID: AS PHENOL 0700 Param Reported As: 2016/12 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.009299 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Sample Date: 2016/12 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: MINIMUM

Value: 5.381 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/12 **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: Param Reported As: AS PHENOL 0800 Sample Date: 2016/12 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.072497 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 AS PHENOL Param Reported As: Sample Date: 2016/12 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector:

Value: 0.068885 Component Type: MINIMUM KG/D

Unit of Measure: PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 NOT APPLICABLE Param Reported As:

2016/12 Frequency: Sample Date: **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.014189 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/12 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Value: 4

Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2016/10 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.044611 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS SULPHIDE 0700 Sample Date: 2016/10 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 0.015477 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2016/07 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: MINIMUM Component Type:

5.863 Value: KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE 0700 **Control Point ID:** Param Reported As:

Sample Date: 2016/07 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **AVERAGE**

Component Type:

Value: 3.4697 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/07 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.6134 Component Type: MINIMUM

Unit of Measure: KG/D **Control Point Name:** PLANT - PROCESS EFFLUENT

SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

0700 AS NITROGEN **Control Point ID:** Param Reported As: Sample Date: 2016/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: MINIMUM 0 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **AS NITROGEN** Param Reported As: Sample Date: 2016/08 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON 2016/08 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Order No: 21010600151

Value: 21.091 MINIMUM Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2016/08 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES MAXIMUM Component Type:

Value: 12121 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/08 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 6340 Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2016/08 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 11.799 Component Type: **AVERAGE**

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS PHENOL Param Reported As: Sample Date: 2016/04 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: MINIMUM

Value: 0.071403 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN Sample Date: 2016/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: n Component Type: MINIMUM

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2016/11Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Component Type:

MAXIMUM

NUM. IN AVERAGE

Order No: 21010600151

Value: 28.463 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2016/06Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Value: 5
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:10791Component Type:MAXIMUMUnit of Measure:M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4
Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 73748.2 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2016/01Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2016/02 **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.01392 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0800 Param Reported As:

MONTHLY Sample Date: 2016/03 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.015109 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

MAXIMUM

MINIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2016/08 **MONTHLY** Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 12.121 Component Type: Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

KG/D

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2016/08 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

Value: 3.1637

Unit of Measure: KG/D **Control Point Name:** PLANT - PROCESS EFFLUENT

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: 2016/09 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM 10427 Value: Component Type: Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

Discharge

Result Structure: 0000130104 MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS PHENOL MONTHLY Sample Date: 2016/09 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 30 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: NOT APPLICABLE 0800 Param Reported As:

Sample Date: 2016/06 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 71892.3 **AVERAGE** Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS SULPHIDE Param Reported As:

Sample Date: 2016/06 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.50324 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE MONTHLY Sample Date: 2016/06 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE Value: Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As: 2016/10 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE

Value: 5 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2016/01 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:9260Component Type:MAXIMUM

Value: 9260 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.01475 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013713 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014412 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

NUM. IN AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 31 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPLICABLE** 0700 Param Reported As:

Sample Date: 2016/03 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 28.341 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS SULPHIDE Param Reported As: Frequency: Sample Date: 2016/03 **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.051513 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2016/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 4.282 Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2016/11 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value: 5 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Control Point ID: 0700 Param Reported As: **AS SULPHIDE** Sample Date: 2016/11 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

0.029974 MINIMUM Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 NOT APPLICABLE Param Reported As: Frequency: Sample Date: 2016/05 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **AVERAGE**

7544.2 Value: Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/05 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 10584 Component Type: **MAXIMUM**

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

MAXIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2016/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type: Value: 2.5738

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY 2016/05 Frequency: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Regulation: Value: 12.076 Component Type: **MAXIMUM**

Unit of Measure:

KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2016/05 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 4.387 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/05 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:SOLVENT EXTRACTABLES

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2016/11Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.51298 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014657 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2016/07
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0080387 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2016/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.64132 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: RESIDUE, PARTICULATE

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2016/12 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 5381 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2016/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: 31 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHOSPHORUS 0700 Param Reported As:

Sample Date: 2016/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: MINIMUM

Value: 0.83525

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: PHOSPHORUS.UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2016/12 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type:

AVERAGE

Order No: 21010600151

Value: 4.4096 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2016/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.059661 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING **Control Point ID:** 0800 **NOT APPLICABLE** Param Reported As:

2016/12 Frequency: Sample Date: MONTHLY MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 72497.1

Unit of Measure: M3/D **Control Point Name:** PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

MAXIMUM

MAXIMUM

AVERAGE

Order No: 21010600151

Component Type:

Component Type:

Component Type:

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: MONTHLY 2016/12 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.49663 **AVERAGE** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: NOT APPLICABLE 0800 Param Reported As:

2016/12 Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.013777 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0700 Param Reported As: MONTHLY

Sample Date: 2016/10 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.010768 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6.0565 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Frequency: Sample Date: 2016/12 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2016/07Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.067004 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2016/08 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 0
 Component Type:
 MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2016/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.49982 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2016/11Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.39977 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2016/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.072807 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2016/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

AVERAGE

Order No: 21010600151

Value: 25.055 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2016/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.010791 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2016/05Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.077713 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2016/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.50965 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 69444.8 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2016/01
 Frequency:
 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.069445 Component Type: MINIMUM Value:

KG/D Unit of Measure:

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHENOL 0800 **Control Point ID:** Param Reported As: Sample Date: 2016/01 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: Component Type: NUM. IN AVERAGE 4

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/03 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014239 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

0800 NOT APPLICABLE **Control Point ID:** Param Reported As:

Sample Date: 2016/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: NUM. IN AVERAGE 5 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2016/06 Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 7.0263 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2016/06 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: **AVERAGE** 3.3927 Component Type:

Unit of Measure: KG/D **Control Point Name:** PLANT - PROCESS EFFLUENT

SOLVENT EXTRACTABLES Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2016/02 Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure: M3/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/08 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 5 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2016/08 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 4.5125 **AVERAGE** Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0700 AS SULPHIDE **Control Point ID:** Param Reported As: Sample Date: 2016/08 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Value: NUM. IN AVERAGE 5 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN 2016/09 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: n Component Type: **MAXIMUM**

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 **AS NITROGEN** Param Reported As: 2016/09 MONTHLY Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Component Type:

Component Type:

Component Type:

MINIMUM

AVERAGE

AVERAGE

Order No: 21010600151

Value: 0 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPLICABLE** 0700 Param Reported As:

Sample Date: 2016/09 Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 8762.9 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Frequency: Sample Date: 2016/04 **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

AVERAGE Value: 7177.7 Component Type: Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: Company Code: MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

MONTHLY 2016/01 Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 4.0291 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2016/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

AVERAGE Value: 0.057171 Component Type:

Unit of Measure: KG/D Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

Sample Date: 2016/01 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 0.69316 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2016/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: 2016/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 15.426 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/04 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Value: 4
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater
Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MAXIMUM

Order No: 21010600151

Value: 14.486

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

 Value:
 30
 Component Type:
 NUM. IN AVERAGE

 Unit of Measure:
 KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: RESIDUE.PART LOSS ON IGNIT.

Discharge

Result Structure: 0000130104 MISA MONTHLY REPORTING Company Code:

Component Type:

MINIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2016/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.03619 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2016/04 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: NUM. IN AVERAGE Component Type:

Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS SULPHIDE Param Reported As:

Sample Date: 2016/10 Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 0.51857 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE MONTHLY Sample Date: 2016/10 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE Value: Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

2016/10 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014385 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHENOL **Control Point ID:** 0800 Param Reported As:

Sample Date: 2016/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.070754 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2016/07Frequency:MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.27101 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2016/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.8738 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013191 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014155 Component Type: MINIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2016/09Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.06734 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2016/03Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6.7549 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2016/03Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 32.367 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2016/08Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.50957 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

 Control Point ID:
 0800
 Param Reported As:
 AS SULPHIDE

 Sample Date:
 2016/08
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.49218 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:NOT APPLICABLESample Date:2016/08Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014559 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014062 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2016/01Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2016/01
 Frequency:
 MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:31Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2016/08Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2016/08
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 0.00634 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2016/08 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: 5 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2016/04 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS NITROGEN Param Reported As: Frequency: Sample Date: 2016/11 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value: 5 KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2016/11 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6277.7 Component Type: **AVERAGE**

Unit of Measure: M3/D **Control Point Name:** PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Param Reported As: NOT APPLICABLE **Control Point ID:** 0800

Sample Date: 2016/04 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Order No: 21010600151

Value: 74781.1 **MAXIMUM** Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013889 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.01475Component Type:AVERAGEUnit of Measure:KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2016/01Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.48611 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014509 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As: 2016/01

Frequency: Sample Date: MONTHLY MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.013889 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2016/02 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014767 MAXIMUM Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **BENZENE C6H6**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: AS PHOSPHORUS 0700 Param Reported As:

2016/06 Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value:

KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

AVERAGE

Order No: 21010600151

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2016/02 MONTHLY Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.014403 Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: KG/D Unit of Measure:

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE 2016/03 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.49838 Component Type: MINIMUM

Unit of Measure: KG/D Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015109 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6.34 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:RESIDUE,PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2016/09Frequency:MONTHLY

Sample Date:2016/09Frequency:MONTHLYRegulation:MISA COMPLIANCESector:PETROLEUM REFINERIES

Regulation:MISA COMPLIANCESector:PETROLEUValue:53.872Component Type:MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2016/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.5575 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2016/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.071892 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2016/06
 Frequency:
 MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015479 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2016/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.0803 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2016/05
 Frequency:
 MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2016/05Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.54399 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2016/05Frequency:MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value:

KG/D Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE 0800 **Control Point ID:** Param Reported As:

Sample Date: 2016/06 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

0.014378 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2016/05 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 27.22 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

MINIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2016/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 23.749

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2016/10 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.01414 **AVERAGE** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2016/03 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: NUM. IN AVERAGE 31 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2016/11Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.041661 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2016/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2016/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.040761 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/05 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7.9099 Component Type: AVERAGE

 Unit of Measure:
 KG/D

 Control Point Name:
 PLANT - PROCESS EFFLUENT

 Parameter Name:
 RESIDUE,PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2016/02Frequency:MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2016/02Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.5041 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2016/02Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.4872 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE

Sample Date: 2016/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.49544 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0145 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2016/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 0.42052 Component Type: MAXIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: 2016/04 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 31.897 Component Type: **AVERAGE**

Unit of Measure: KG/D PLANT - PROCESS EFFLUENT

Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0700 Param Reported As: MONTHLY 2016/11

Sample Date: Frequency: Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

AVERAGE

0.0067929 Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2016/11 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.70653 Component Type: MINIMUM

Unit of Measure: **Control Point Name: PLANT - PROCESS EFFLUENT**

KG/D

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHENOL Param Reported As: Sample Date: 2016/07 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.005863 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2016/07 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 5.4365 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/12 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0145 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

MAXIMUM

NUM. IN AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6.373 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/10 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 2.211
 Component Type:
 MINIMUM

Value: 2.211 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2016/01 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

AVERAGE

MAXIMUM

Order No: 21010600151

Value: 0.014509 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2016/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.058611 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2016/01 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 25.152 **MAXIMUM** Component Type: KG/D

Unit of Measure: PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2016/01 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.4615 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2016/01 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value:

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT Control Point Name:**

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY 2016/02

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 11281 Component Type: **MAXIMUM**

Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4038 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:8.924Component Type:MAXIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:5.17Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PLANT - PROCESS EFFECIENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 70699.6 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: AS PHENOL

Sample Date:2016/10Frequency:MONTHLYRegulation:MISA COMPLIANCESector:PETROLEUM REFINERIES

Regulation:MISA COMPLIANCESector:PETROLEIValue:0.070766Component Type:AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 AS PHENOL Param Reported As: Frequency: Sample Date: 2016/10 MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Value: 5 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2016/07 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 70753.9 Component Type: **AVERAGE**

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2016/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.51649 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY 2016/08 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014305 **AVERAGE** Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2016/08 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value: 5 Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2016/07 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Order No: 21010600151

Value: Component Type: NUM. IN AVERAGE KG/D

Unit of Measure:

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2016/02 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.011281 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/10 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

NUM. IN AVERAGE Value: 5 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Frequency: MONTHLY Sample Date: 2016/11

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 5 Component Type: NUM. IN AVERAGE

M3/D Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

MONTHLY 2016/09 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.3352 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2016/09 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: 4

Value: NUM. IN AVERAGE Component Type: KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: RESIDUE, PARTICULATE

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2016/09 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **MAXIMUM**

Value: 35.56 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING 0000130104 Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: 2016/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: Component Type: NUM. IN AVERAGE 5

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2016/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014305 **AVERAGE** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2016/09 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.014534 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

MONTHLY Sample Date: 2016/01 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 1.6331 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID:0700Param Reported As:NOT APPLICABLESample Date:2016/01Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Result Structure:

Component Type:

Component Type:

Component Type:

Component Type:

Frequency:

Sector:

Param Reported As:

AVERAGE

AS SULPHIDE

MONTHLY

MINIMUM

MINIMUM

AVERAGE

MAXIMUM

Order No: 21010600151

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

Value: 8.1673 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater
Discharge

 Company Code:
 0000130104

 Control Point ID:
 0700

Sample Date: 2016/01
Regulation: MISA COMPLIANCE

Value: 0.051618

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.465

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 3.7203 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2016/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.062468
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014816 Component Type: MAXIMUM

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KG/D

Unit of Measure:

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/10 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 5 Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FI OW

MISA Industrial Wastewater

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: AS PHENOL 0800 Param Reported As: Sample Date: 2016/10 **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.074082 **MAXIMUM** Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0800 Param Reported As: Sample Date: 2016/10 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type: Value: 0.4949 **AVERAGE**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL Frequency: Sample Date: 2016/07 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.073784 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2016/07 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.064629 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

Sample Date: 2016/07 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector:

Value: 0.012926 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 NOT APPLICABLE Param Reported As:

2016/07 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2016/08 Sample Date: **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014062 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2016/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

70311.6 MINIMUM Value: Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS SULPHIDE 0800 Sample Date: 2016/07 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.49528 Value: Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHENOL 2016/02 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.004038 MINIMUM Value: Component Type:

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0700 AS SULPHIDE **Control Point ID:** Param Reported As: Sample Date: 2016/09 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.06237 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON **MONTHLY** Sample Date: 2016/10 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 28.679 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

0700 NOT APPLICABLE **Control Point ID:** Param Reported As:

Sample Date: 2016/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT Control Point Name:**

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AS PHENOL Control Point ID: വരവ Param Reported As: Sample Date: 2016/08 Freauency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2016/08 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: NUM. IN AVERAGE 5 Component Type:

Order No: 21010600151

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/08 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014641 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/10 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:29Component Type:NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2016/01Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 7900.6 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

<u>Discharge</u>

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 AS PHENOL Param Reported As: Sample Date: 2016/01 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.005689 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS SULPHIDE 0800 Sample Date: 2016/09 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.50868 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2016/09 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.014641 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: Company Code: MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

2016/03 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Component Type:

MINIMUM

Order No: 21010600151

Value: 4552 Unit of Measure: M3/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

FI OW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2016/03 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

0.0085188 Value: Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

Sample Date: 2016/03 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 3.0379 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 8.176 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2016/03Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.059534 Component Type: AVERAGE

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.404 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Unit of Measure:

299

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2016/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.061803 Component Type: MAXIMUM

Control Point Name: PLANT - PROCESS EFFLUENT

KG/D

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MINIMUM

Discharge

Result Structure: 0000130104 MISA MONTHLY REPORTING Company Code:

Component Type:

MINIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY 2016/07 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5863 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: AS PHENOL 0700 Param Reported As: Sample Date: 2016/05 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: NUM. IN AVERAGE 31 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS SULPHIDE Param Reported As:

Sample Date: 2016/02 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.51683 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2016/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: MINIMUM Component Type:

Value: 2.7242

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

Sample Date: 2016/11 Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 1.2046 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHOSPHORUS **Control Point ID:** 0700 Param Reported As:

Sample Date: 2016/07 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2016/12Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 17.923 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2016/12Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:31Component Type:NUM. IN AVERAGE

Value: 31 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

MAXIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2016/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 3.394

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 15.86 Component Type: MAXIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 37.968 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:3.2659Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2016/12Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.053526 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013777 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2016/12Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.50748 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2016/07Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure: AS CARBON Param Reported As:

Frequency:

MONTHLY

Order No: 21010600151

Control Point ID: 0700 Sample Date: 2016/08

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE 5

Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL MONTHLY Sample Date: 2016/08 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.012121 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON **MONTHLY** Sample Date: 2016/11 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 13.702 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY 2016/04 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014957 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2016/05 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN Sample Date: 2016/06 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.20963 Component Type: MAXIMUM

Unit of Measure: Control Point Name: KG/D
PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2016/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 19.438 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/06 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 30
 Component Type:
 NUM. IN AVERAGE

Value: 30 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015543 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013713 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 72543.7 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2016/01
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.076674 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.015335Component Type:MAXIMUMUnit of Measure:KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/06 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 5
 Component Type:
 NUM. IN AVERAGE

Value: 5
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As: 2016/03 Frequency: Sample Date: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE

Value: 5 Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

MINIMUM

Order No: 21010600151

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2016/03 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE

Value: 5 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Sample Date: 2016/06 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 10.791 Component Type: **MAXIMUM**

Unit of Measure: KG/D Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2016/06 MONTHLY Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 5.362 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2016/02 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.072013 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2016/08 Sample Date: **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2016/09 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 7112 Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

Sample Date: 2016/06 **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE

Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0800 Param Reported As:

Sample Date: 2016/06 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MAXIMUM Value: 77392.1 Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/06 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

64468.9 MINIMUM Value: Component Type:

Unit of Measure: M3/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2016/04 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 20.163 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS CARBON Param Reported As: 2016/04 Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector: NUM. IN AVERAGE Component Type:

Value: 4 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 NOT APPLICABLE Param Reported As:

Frequency: 2016/01 Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 8.973 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2016/01 Sample Date: **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7.374 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE** Sample Date: 2016/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE

Value: KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS NITROGEN 0700 Sample Date: 2016/02 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2016/02 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value: M3/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0700 AS PHOSPHORUS **Control Point ID:** Param Reported As:

Sample Date: 2016/04 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: 4 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

PHOSPHORUS.UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/04 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.2748 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AS PHENOL **Control Point ID:** 0800 Param Reported As: Sample Date: 2016/10 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.066287 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

AS PHENOL Control Point ID: 0700 Param Reported As:

Sample Date: 2016/02 Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.0077846 Component Type: **AVERAGE**

Unit of Measure: KG/D PLANT - PROCESS EFFLUENT Control Point Name:

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

2016/08 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: **MAXIMUM** 72794.9 Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FI OW

Discharge

Company Code: 0000130104

Control Point ID: 0700

2016/02 Sample Date:

Regulation: MISA COMPLIANCE

Value: 16 214 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 **Control Point ID:** 0700

Sample Date: 2016/09

Regulation: MISA COMPLIANCE

Value: 9.62 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code:

Control Point ID: 0700 2016/09 Sample Date:

Regulation: MISA COMPLIANCE

Value: 7.275

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104

Control Point ID: 0700 Sample Date: 2016/09

MISA COMPLIANCE Regulation:

Value: 3.4792

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 **Control Point ID:** 0700

2016/09 Sample Date:

Regulation: MISA COMPLIANCE

4

Value:

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Result Structure: MISA MONTHLY REPORTING

Param Reported As: NOT APPLICABLE

Frequency: MONTHLY

Sector: PETROLEUM REFINERIES

Component Type: **AVERAGE**

Result Structure: MISA MONTHLY REPORTING

Param Reported As: NOT APPLICABLE

Frequency: MONTHLY

Sector: PETROLEUM REFINERIES

Component Type: MAXIMUM

MISA MONTHLY REPORTING Result Structure:

Param Reported As: **NOT APPLICABLE**

Frequency: MONTHLY

PETROLEUM REFINERIES Sector:

MINIMUM Component Type:

Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Param Reported As:

MONTHLY Frequency:

PETROLEUM REFINERIES Sector:

MINIMUM Component Type:

Result Structure: MISA MONTHLY REPORTING

Param Reported As: NOT APPLICABLE

Frequency: MONTHLY

Sector: PETROLEUM REFINERIES

Order No: 21010600151

Component Type: NUM. IN AVERAGE Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2016/09Frequency:MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2016/10Frequency:MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 5
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2016/03Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 38.229 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 72668.8 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS CARBON

 Sample Date:
 2016/10
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM

Order No: 21010600151

Value: 7.7385 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2016/10
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0055926 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: 2016/01 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Value: 4
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: 2016/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.00926 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

 Sample Date:
 2016/05
 Frequency:
 MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

Regulation:MISA COMPLIANCESector:PETROLEValue:0Component Type:MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2016/09Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.50441 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014534 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

Discharge

Result Structure: 0000130104 MISA MONTHLY REPORTING Company Code:

Component Type:

AVERAGE

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: MONTHLY 2016/03 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.2932 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Sample Date: 2016/03 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 14.78 **AVERAGE** Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2016/03 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MINIMUM

Value: 6.977 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: **MAXIMUM** Component Type:

5.6801 Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

MINIMUM

Order No: 21010600151

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

2016/03 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 3.3116 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS SULPHIDE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2016/03 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MAXIMUM

0.064834 Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN Sample Date: 2016/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: Component Type: **MAXIMUM**

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

2016/07 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 8038.7 **AVERAGE** Component Type: Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2016/05 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 31 Component Type: NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

MONTHLY Sample Date: 2016/05 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.6515 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2016/05 Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Sector: Regulation:

Order No: 21010600151

Value: 0.23266 Component Type: MINIMUM

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT Control Point Name:**

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:3.3663Component Type:AVERAGEUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2016/05Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: MONTHLY

PETROLEUM REFINERIES

Value: 0.052736 Component Type: AVERAGE

Unit of Measure: 0.052736

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014189 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2016/03Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2016/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.5723 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

<u>Discharge</u>

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

AVFRAGE

Order No: 21010600151

Control Point ID: 0700 NOT APPLICABLE Param Reported As: Sample Date: 2016/11 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

9.5914 Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL MONTHLY Sample Date: 2016/12 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.007146 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

MONTHLY Sample Date: 2016/12 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 9.629 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: MONTHLY 2016/12 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: Component Type: NUM. IN AVERAGE 31

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2016/12 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value: 4 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/12 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MINIMUM Value: 68884.4 Component Type:

M3/D Unit of Measure:

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2016/12 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.070947 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/10 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **MAXIMUM**

Value: 20.181

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Frequency: MONTHLY Sample Date: 2016/07

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value: 31

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY 2016/07 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

NUM. IN AVERAGE

Order No: 21010600151

Value: 4

Unit of Measure: KG/D **Control Point Name: PLANT - PROCESS EFFLUENT**

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHOSPHORUS **Control Point ID:** 0700 Param Reported As:

Sample Date: 2016/08 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: **AVERAGE** 2.1651 Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2016/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING 0000130104 Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: 2016/11 Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: Component Type: 20.07 **AVERAGE** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2016/04 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 72806.6 **AVERAGE** Component Type:

Unit of Measure: M3/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2016/04 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE

Value: 4 Component Type:

Unit of Measure: M3/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2016/01 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.015335 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2016/05Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM

AVERAGE

MINIMUM

Order No: 21010600151

Component Type:

Component Type:

Component Type:

Value: 0.059052 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2016/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.083578 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2016/06Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Value: 5
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7026.3 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5362 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2016/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0070263 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2016/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.3874 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2016/05Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.073748 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2016/04Frequency:MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/01 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 76673.7 Component Type: MAXIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

Sample Date: 2016/02 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector:

Value: 0.01392 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW) Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0800 NOT APPLICABLE **Control Point ID:** Param Reported As:

2016/03 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2016/03 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 71197.2 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2016/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 5 KG/D Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: **NOT APPLICABLE** 0800

Sample Date: 2016/03 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.014473 Value: **AVERAGE** Component Type: KG/D

Unit of Measure: **Control Point Name:** PLANT - ONCE THROUGH COOLING WATER (OTCW)

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2016/02 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

69599.7 Component Type: MINIMUM Value:

M3/D Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE 0700 **Control Point ID:** Param Reported As:

Sample Date: 2016/08 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: MINIMUM 6.824 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2016/09 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 27.655 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

0700 NOT APPLICABLE **Control Point ID:** Param Reported As:

Sample Date: 2016/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value: Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

AS PHENOL Control Point ID: 0800 Param Reported As:

Sample Date: 2016/06 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.064469 Component Type: **MINIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE 2016/06 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Order No: 21010600151

Value: **MAXIMUM** 0.54175 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2016/06 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2016/02 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 3.6372 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON 2016/02 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: **AVERAGE**

Value: 25.529 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2016/02 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 7784.6 **AVERAGE** Component Type: Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2016/04 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.99528 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:NOT APPLICABLESample Date:2016/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MAXIMUM

Order No: 21010600151

Value: 4.6446 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2016/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.053331 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/07 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 73784.1 Component Type: MAXIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2016/08
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.072795 Component Type: MAXIMUM

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Param Reported As: **Control Point ID:** 0700 AS PHOSPHORUS

Sample Date: 2016/02 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.095277 Component Type: MINIMUM

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT** Control Point Name:

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0800 Param Reported As:

MONTHLY Sample Date: 2016/10 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.015452 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 NOT APPLICABLE Param Reported As:

2016/11 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.014657 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

Sample Date: 2016/11 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 73282.4 Component Type: **AVERAGE**

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2016/09 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

MINIMUM 8.461 Value: Component Type: Unit of Measure:

KG/D PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: RESIDUE, PARTICULATE

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/09 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:30Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2016/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:7.822Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PLANT - PROCESS EFFLUENT
Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MAXIMUM

Order No: 21010600151

Value: 22.671

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/02 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 3.3443
 Component Type:
 AVERAGE

Value: 3.3443 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE

Sample Date: 2016/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Component Type:

Component Type:

MINIMUM

AVERAGE

MINIMUM

Order No: 21010600151

Value: 0.031759 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2016/03Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2016/03Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 59.506 Component Type: MAXIMUM

Unit of Measure:KG/DControl Point Name:PLANT - PROCESS EFFLUENT

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 8518.8 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2211 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS NITROGEN

 Sample Date:
 2016/01
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

AS CARBON **Control Point ID:** 0700 Param Reported As: Sample Date: 2016/01 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: **MAXIMUM**

Value: 29.463 Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2016/01 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: 5689 Component Type: MINIMUM

Value: Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2016/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 31 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

Sample Date: 2016/05 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Control Point ID: 0700 AS NITROGEN Param Reported As:

Sample Date: 2016/05 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 0 Component Type: MAXIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2016/09
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

 Value:
 0.072669
 Component Type:
 AVERAGE

 Unit of Measure:
 KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2016/03 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 5
 Component Type:
 NUM. IN AVERAGE

Value: 5
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 8.5453 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

MINIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 3.979

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2016/12Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2016/12Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.4293 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2016/07 Frequency: MONTHLY

Sample Date:2016/07Frequency:MONTHLYRegulation:MISA COMPLIANCESector:PETROLEUM REFINERIES

Value: 45.38 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2016/05Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0075442 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: 2016/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.010584Component Type:MAXIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7.5338 Component Type: AVERAGE

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PLANT - PROCESS EFFLUENT
Parameter Name: RESIDUE, PARTICULATE

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2016/05 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 6.843

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2016/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE 31

Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0800 Param Reported As: Sample Date: 2016/11 Frequency: MONTHLY

MISA COMPLIANCE Sector:

PETROLEUM REFINERIES Regulation: Value: NUM. IN AVERAGE Component Type: 5

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2016/11 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 3979 Component Type: MINIMUM

Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

FI OW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2016/07 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 9.572 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As: 2016/07 Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 6.701 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

MINIMUM

AVERAGE

Order No: 21010600151

Component Type:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2016/12 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **AVERAGE**

Value: 7146 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL 2016/12 Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE Sector: PETROLEUM REFINERIES Regulation:

Value: 0.005381 Component Type: MINIMUM

KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2016/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Value: Component Type: 4

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Value: 70946.8 M3/D Unit of Measure:

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE Frequency: Sample Date: 2016/12 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

KG/D Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 8.7312 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: RESIDUE.PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5.689 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:RESIDUE,PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2016/01Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.062811 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2016/02Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.6988 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2016/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0071777 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

MAXIMUM

Order No: 21010600151

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

Sample Date: 2016/04 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector:

Value: 1.4011 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 NOT APPLICABLE Param Reported As:

2016/10 Frequency: Sample Date: **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

MINIMUM Value: 0.013191 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/10 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE

Value: 5 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2016/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

74081.7 **MAXIMUM** Value: Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2016/08 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.014559 Value: **MAXIMUM** Component Type: KG/D

Unit of Measure: **Control Point Name:** PLANT - ONCE THROUGH COOLING WATER (OTCW)

BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2016/02 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **MAXIMUM** Component Type:

1.6041 Value:

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0700 AS PHOSPHORUS **Control Point ID:** Param Reported As:

Sample Date: 2016/10 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.83256 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: PHOSPHORUS.UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2016/10 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

0700 NOT APPLICABLE **Control Point ID:** Param Reported As:

Sample Date: 2016/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **MAXIMUM**

Value: 3.5061 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2016/10 Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value: 5 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2016/07 MONTHLY Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: **MAXIMUM** 10.346 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

Discharge

Company Code: 0000130104 **Control Point ID:** 0700

2016/07 Sample Date:

Regulation: MISA COMPLIANCE

4.3565 Value:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 **Control Point ID:** 0700

Sample Date: 2016/08

Regulation: MISA COMPLIANCE

Value: 34.301 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code:

Control Point ID: 0700 2016/08 Sample Date:

Regulation: MISA COMPLIANCE

Value: 58.181

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104

Control Point ID: 0700 Sample Date: 2016/08

MISA COMPLIANCE Regulation:

Value: 8625.5 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104

Control Point ID: 0700 2016/08 Sample Date:

Regulation: MISA COMPLIANCE

Value: 31

M3/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

336

Result Structure: MISA MONTHLY REPORTING

Param Reported As: NOT APPLICABLE

Frequency: MONTHLY

Sector: PETROLEUM REFINERIES

MAXIMUM Component Type:

Result Structure: MISA MONTHLY REPORTING

Param Reported As: AS CARBON

MONTHLY Frequency:

Sector: PETROLEUM REFINERIES

Component Type: **AVERAGE**

MISA MONTHLY REPORTING Result Structure:

Param Reported As: AS CARBON Frequency: MONTHLY

PETROLEUM REFINERIES Sector:

Component Type: **MAXIMUM**

Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Param Reported As:

MONTHLY Frequency:

PETROLEUM REFINERIES Sector:

AVERAGE Component Type:

Result Structure: MISA MONTHLY REPORTING

Param Reported As: NOT APPLICABLE

Frequency: MONTHLY

Sector: PETROLEUM REFINERIES

Order No: 21010600151

Component Type: NUM. IN AVERAGE

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Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2016/08 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:2.9157Component Type:MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2016/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.52347 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014561 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2016/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.079954 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2016/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2016/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 34.433 Component Type: MAXIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: 2016/06 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Value: 30 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2016/05 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 AS SULPHIDE Param Reported As:

2016/01 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: 0.50781 Component Type: **AVERAGE**

Value: Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS SULPHIDE Param Reported As: Sample Date: 2016/01 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.53672 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: 2016/02 MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES **AVERAGE** Component Type:

0.014403 Value: Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: BENZENE C6H6

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 72013.3 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014239 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL

Sample Date:2016/03Frequency:MONTHLYRegulation:MISA COMPLIANCESector:PETROLEUM REFINERIES

Regulation:MISA COMPLIANCESector:PETROLEValue:0.071197Component Type:MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2016/03Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.50657 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2016/03Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.52882 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/06 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Value: 30 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2016/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.069599 Component Type: MINIMUM

KG/D Unit of Measure:

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS SULPHIDE **Control Point ID:** 0700 Param Reported As: 2016/08 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.047768 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS CARBON 2016/09 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 35.132

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE MONTHLY Sample Date: 2016/06 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.45128 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name:

PLANT - ONCE THROUGH COOLING WATER (OTCW)

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/06 **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.014378 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPLICABLE** 0800 Param Reported As:

Sample Date: 2016/11 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 70777 MINIMUM Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

Frequency: Sample Date: 2016/09 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.69584 Value: Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2016/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **AVERAGE**

Component Type:

Component Type:

AVERAGE

Order No: 21010600151

Value: 8.91

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2016/09 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 9.9906 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2016/02 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 38.792 Component Type:

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT** Control Point Name:

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 NOT APPLICABLE Param Reported As: Sample Date: 2016/02 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value: 4 KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/02 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 4.537 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT

RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Control Point Name:

Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2016/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: Value: 4 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY 2016/09 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014412 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2016/09 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2016/05 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Order No: 21010600151

AVERAGE Value: 0.51624 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/09 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE

Value: 4 Component Type: Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2016/09 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

NUM. IN AVERAGE Value: Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0800 AS SULPHIDE **Control Point ID:** Param Reported As: Frequency: Sample Date: 2016/09 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Value: 4 Component Type: NUM. IN AVERAGE

KG/D Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS PHENOL

MONTHLY 2016/03 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 31 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

AS PHOSPHORUS **Control Point ID:** 0700 Param Reported As:

Sample Date: 2016/03 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.35157 MINIMUM Component Type:

Control Point Name: **PLANT - PROCESS EFFLUENT**

KG/D

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

Unit of Measure:

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2016/03 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 17.337

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/03 Frequency: MONTHLY Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 37.048 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2016/11 Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES Component Type: **MAXIMUM**

Value: 20.802 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: RESIDUE.PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2016/11 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type:

Component Type:

NUM. IN AVERAGE

AVERAGE

Order No: 21010600151

Value: 30 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2016/11 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 2.8468 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING **Control Point ID:** 0700 **NOT APPLICABLE** Param Reported As: Sample Date: 2016/11 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

MINIMUM

Order No: 21010600151

Value: 1.67 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: MONTHLY 2016/11 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: MAXIMUM

Value: 0.049861 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: AS SULPHIDE 0700 Param Reported As: Sample Date: 2016/11 Frequency: **MONTHLY**

Sector: Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS CARBON 0700 Param Reported As:

Sample Date: 2016/12 MONTHLY Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type: **AVERAGE**

Value: 24.169 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 5 KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2016/06 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: 2016/07 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Value: 4
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: CARBON. DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Component Type:

MAXIMUM

MAXIMUM

Order No: 21010600151

Value: 10346 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.3867

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2016/11Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.53803 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014155 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS NITROGEN Param Reported As: 2016/04 Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector: Value: NUM. IN AVERAGE 4 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 NOT APPLICABLE Param Reported As:

2016/06 Frequency: Sample Date: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

MINIMUM Value: 0.012894 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/07 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.66864 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2016/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MAXIMUM

Order No: 21010600151

Value: 10052

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: **NOT APPLICABLE** 0700

Sample Date: **MONTHLY** 2016/11 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value: 30 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL 2016/11 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.003979 MINIMUM Value: Component Type:

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHENOL 0700 **Control Point ID:** Param Reported As: Sample Date: 2016/11 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: Component Type: NUM. IN AVERAGE

30 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

MONTHLY Sample Date: 2016/11 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

0700 **NOT APPLICABLE Control Point ID:** Param Reported As:

Sample Date: 2016/11 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **MAXIMUM**

Value: 17.133

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

AS PHENOL Control Point ID: 0700 Param Reported As:

Sample Date: 2016/07 Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.010346 Component Type: **MAXIMUM**

Unit of Measure: KG/D Control Point Name: PLANT - PROCESS EFFLUENT

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2016/07 MONTHLY Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Order No: 21010600151

Value: **AVERAGE** 2.3245 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2016/12 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.6194 Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2016/12 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2016/12 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 6.665 MINIMUM Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2016/12 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **AVERAGE**

Value: 8.7732 Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2016/12 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7.468 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name:

PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2016/12Frequency:MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2016/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.002211 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.8038 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

NUM. IN AVERAGE

Order No: 21010600151

Value: 29 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.86229Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2016/07Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.046907 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Param Reported As: **Control Point ID:** 0700 AS PHENOL 2016/08 **MONTHLY**

Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Value: 31 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2016/08 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 1.3716 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 AS PHENOL Param Reported As: 2016/04 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.074782 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As: Sample Date: 2016/11 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: 2016/04 MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES MINIMUM Component Type:

Order No: 21010600151

0.014281 Value: Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: BENZENE C6H6

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

MINIMUM

Order No: 21010600151

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2016/05Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.047901 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2016/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.005362 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2016/05Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.068561 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2016/01
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.072544 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6.9804 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/06 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MAXIMUM

8.829 Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2016/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.014767 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

2016/03 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.014473 **AVERAGE** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2016/03 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 75546 Component Type: **MAXIMUM**

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL MONTHLY Sample Date: 2016/03 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.075546 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2016/04 **MONTHLY** Frequency:

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Order No: 21010600151

Value: 0.014561 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2016/02Frequency:MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2016/08 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:31Component Type:NUM. IN AVERAGE

Value: 31 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2016/08Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.061501 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2016/08Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.084847 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

<u>Discharge</u>

Company Code:0000130104Result Structure:MISA MONTHLY REPORTINGControl Point ID:0700Param Reported As:AS NITROGEN

Order No: 21010600151

 Control Point ID:
 0700
 Param Reported As:
 AS NITROGEI

 Sample Date:
 2016/09
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS CARBON Param Reported As: Sample Date: 2016/09 Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 4 KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2016/09 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.0087629 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Param Reported As: Control Point ID: 0800 **NOT APPLICABLE**

Sample Date: 2016/06 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.012894 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: MONTHLY 2016/06 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: **MAXIMUM** 0.077392 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2016/06 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.015479 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

PETRO-CANADA LUBRICANTS INC. Site: Database: MISSISSAUGA ON SRDS

Company Code: 0000130104 Sector:

Works ID: Region: SIC: District: SIC1: UTM Zone:

> Order No: 21010600151 erisinfo.com | Environmental Risk Information Services

SIC1 Desc: **UTM Easting: UTM Northing:** SIC2: SIC2 Desc: **UTM Precision:** SIC3:

Minor Basin: Major Basin:

Report Year:

2013

Order No: 21010600151

Body of Water: Terminal Stream: SIC Desc: Mailing Address: Corp Address:

MISA Industrial Wastewater

Discharge

SIC3 Desc:

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

AS PHENOL **Control Point ID:** 0800 Param Reported As: Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.069506 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0011627 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

0.010637 **AVERAGE** Value: Component Type:

KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: 0700 AS CARBON Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 28.786 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013274 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.067184 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.46898 Component Type: AVERAGE Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0058132 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.8414Component Type:MINIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 0.0098582 Component Type: AVERAGE

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PLANT - PROCESS EFFLUENT
PHENOLICS, UNFILTERED REACTIVE

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date:

Frequency: MONTHLY

Component Type:

AVERAGE

Order No: 21010600151

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 75311.6 Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.011968 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 76819.4 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015364 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015791 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

0000130104-2013 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 AS PHENOL Param Reported As:

MONTHLY Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Value: 0.063581 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS NITROGEN 0700 Param Reported As:

Sample Date: Frequency: **MONTHLY** PETROLEUM REFINERIES MISA COMPLIANCE

Regulation: Sector: Value: 0 Component Type: **AVERAGE**

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name:

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Frequency: Sample Date: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

4.7527 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D **Control Point Name:**

PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 66194.9 Component Type: **AVERAGE**

Unit of Measure: M3/D Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

FI OW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

NUM. IN AVERAGE Value: Component Type:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS SULPHIDE Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

MINIMUM Value: 0.023121 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

AS SULPHIDE **Control Point ID:** 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 0.078684 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 9.2278 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104-2013 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: Param Reported As: AS CARBON 0700

MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 23.568 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

AS SULPHIDE **Control Point ID:** 0700 Param Reported As: Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.059995 Component Type: **AVERAGE**

Unit of Measure: KG/D **Control Point Name: PLANT - PROCESS EFFLUENT**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

MAXIMUM Value: 0.33071 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

Discharge

Result Structure: 0000130104-2013 Company Code:

Control Point ID: 0700

Sample Date: Regulation:

MISA COMPLIANCE

Value: 4.6624 Unit of Measure: KG/D

Control Point Name:

PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE Regulation:

Value: 8.8008

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID:

0800

Sample Date:

MISA COMPLIANCE Regulation:

Value: 0.064644

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID:

Sample Date:

0800

Regulation: MISA COMPLIANCE

Value: 5813.2

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

AS PHENOL **Control Point ID:** 0800 Param Reported As:

MISA MONTHLY REPORTING

Param Reported As: **NOT APPLICABLE**

MONTHLY Frequency:

Sector: PETROLEUM REFINERIES

Component Type: **MAXIMUM**

MISA MONTHLY REPORTING Result Structure:

NOT APPLICABLE Param Reported As:

MONTHLY

PETROLEUM REFINERIES Sector:

Component Type:

Frequency:

Result Structure:

Component Type:

Sector:

AVERAGE

MISA MONTHLY REPORTING

AS PHENOL Param Reported As: Frequency:

MONTHLY

PETROLEUM REFINERIES

MINIMUM

Result Structure: MISA MONTHLY REPORTING

Param Reported As: **NOT APPLICABLE**

Frequency: MONTHLY

PETROLEUM REFINERIES Sector: Component Type:

MINIMUM

Order No: 21010600151

Result Structure: MISA MONTHLY REPORTING **NOT APPLICABLE** Param Reported As:

MONTHLY Frequency:

Sector:

PETROLEUM REFINERIES Component Type:

NUM. IN AVERAGE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.069276 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014651 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014651 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.01107 Component Type: MAXIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PLANT - PROCESS EFFLUENT
PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.3802 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value:0.006982Component Type:AVERAGEUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0800 Param Reported As: Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE

PETROLEUM REFINERIES Regulation: Sector:

Value: 0.068164 **MAXIMUM** Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MINIMUM Value: 1086 Component Type:

Unit of Measure: M3/D **PLANT - PROCESS EFFLUENT Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 67932.8 Component Type:

Unit of Measure: M3/D PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS SULPHIDE Param Reported As: Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.057061 Component Type: **AVERAGE**

Unit of Measure: KG/D Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104-2013 Result Structure:

Control Point ID: Param Reported As: **NOT APPLICABLE** 0700

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

MAXIMUM Value: 13.325 Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code:

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE Regulation:

5.9705 Value:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code: Result Structure:

Control Point ID: 0700

Sample Date: Regulation:

MISA COMPLIANCE

Value: 0.011265

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Result Structure:

Component Type:

Param Reported As:

Component Type:

Component Type:

Frequency:

Sector:

Sector:

Param Reported As: Frequency:

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

NOT APPLICABLE

MONTHLY

MAXIMUM

AS PHENOL MONTHLY

MAXIMUM

AVERAGE

Order No: 21010600151

Control Point ID: 0800 Param Reported As: AS SULPHIDE MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.45672 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7.2486

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE **MONTHLY** Frequency:

Sample Date:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: MINIMUM

4.4389 Value: Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.074144 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 11591 Component Type: **MAXIMUM**

Unit of Measure: M3/D **Control Point Name:** PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.77947 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

AS SULPHIDE Control Point ID: 0700 Param Reported As:

Frequency: Sample Date: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: **MAXIMUM**

Value: 0.077266 Component Type: KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2013 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS SULPHIDE MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.039067 Component Type: MINIMUM

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

KG/D

MISA Industrial Wastewater

Discharge

Unit of Measure:

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.013587 **MAXIMUM** Component Type:

Unit of Measure: KG/D Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 59841.4 Component Type: MINIMUM Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING 0000130104-2013 Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

11.07 Component Type: **MAXIMUM**

Value: Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS CARBON 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: Component Type: **MAXIMUM** 32.637

Unit of Measure: KG/D PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 5.8261 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.065244 Component Type: **MAXIMUM**

KG/D Unit of Measure:

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

Frequency: Sample Date: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 61522.9 **AVERAGE** Component Type: Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013437 MAXIMUM Component Type:

Unit of Measure: PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **BENZENE C6H6**

KG/D

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 13.77 Component Type: **MAXIMUM** KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.007047 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 2.1556 Component Type:

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104-2013 Result Structure:

Control Point ID: Param Reported As: AS PHOSPHORUS 0700

Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 1.4022 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

MONTHLY

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Frequency: Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

1.741 MINIMUM Value: Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS NITROGEN Param Reported As:

Sample Date: MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.2521 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 5.7486 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

AS PHOSPHORUS **Control Point ID:** 0700 Param Reported As:

Frequency: Sample Date: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.19125 MINIMUM Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 55360.8 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

FI OW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.012305Component Type:AVERAGEUnit of Measure:KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.065734 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS SULPHIDE

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.07459 Component Type: AVERAGE

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PLANT - PROCESS EFFLUENT

SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.075728 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5908 Component Type: MINIMUM Unit of Measure: M3/D

Unit of Measure: M3/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.013233 **AVERAGE** Value: Component Type:

KG/D Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE 0800 **Control Point ID:** Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.011968 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 3.3349 Component Type: MINIMUM

Unit of Measure: KG/D **Control Point Name:** PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 13.556 Component Type: **MAXIMUM** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

Sample Date: Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.75743 Component Type: **MINIMUM**

Unit of Measure: KG/D Control Point Name: **PLANT - PROCESS EFFLUENT**

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Order No: 21010600151

Value: 10157.5 **AVERAGE** Component Type: Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FI OW

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 11 591 Component Type: **MAXIMUM** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 18.604 Component Type: MAXIMUM

Unit of Measure: KG/D **Control Point Name: PLANT - PROCESS EFFLUENT**

RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL MONTHLY

Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.067933 **MAXIMUM** Component Type:

KG/D Unit of Measure:

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: Unit of Measure:

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 28.025 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 Result Structure: MISA MONTHLY REPORTING Company Code: **NOT APPLICABLE** Param Reported As:

Control Point ID: 0700

Sample Date:

MONTHLY Frequency: PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Component Type:

MINIMUM

Order No: 21010600151

Value: 1.086 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS PHOSPHORUS 0700

Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MAXIMUM Value: 1.9774 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE

Value: Component Type: Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Result Structure: Company Code: 0000130104-2013 MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 11.663 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 MISA MONTHLY REPORTING Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE Component Type:

Value: Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

4.0005 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Sector: Regulation:

Value: 11.241 Component Type: **AVERAGE**

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT** Control Point Name:

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 3.9285 Component Type: Unit of Measure:

KG/D **Control Point Name:** PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104-2013 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: Param Reported As: AS SULPHIDE 0700

MONTHLY Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.085015 Component Type: MAXIMUM Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

AS SULPHIDE Control Point ID: 0800 Param Reported As: Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.36075 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 0.015062 **AVERAGE** Component Type:

Order No: 21010600151

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **TOLUENE C7H8**

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date:

Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015062 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7.7628 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014895 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.41889 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.059842 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: AS SULPHIDE

Sample Date: MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MAXIMUM

0.48493 Value: Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 25.431 Component Type: **MAXIMUM** KG/D

Unit of Measure: PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

AS SULPHIDE **Control Point ID:** 0800 Param Reported As: MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.44507 **AVERAGE** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4807 Component Type: MINIMUM Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 29.323 Component Type: **MAXIMUM**

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT Control Point Name:**

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: **NOT APPLICABLE** 0700

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Sector: Regulation:

Order No: 21010600151

Value: 10.574 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Frequency:

MONTHLY

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.6994 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013221 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.5691 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.06637 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:1.334Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

 Value:
 0.058642
 Component Type:
 MINIMUM

 Unit of Measure:
 KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS SULPHIDE

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.057274 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014639 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MAXIMUM

Order No: 21010600151

Value: 12415 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS SULPHIDE

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.043918 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 0.073192 Component Type:

Unit of Measure:

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

KG/D

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.069069 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.09639 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

AS PHENOL **Control Point ID:** 0700 Param Reported As: Frequency: MONTHLY Sample Date:

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 0.011699 Component Type: **AVERAGE**

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2013 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.2331 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: **AVERAGE** 13.215 Component Type:

KG/D Unit of Measure: Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PARTICULATE

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Order No: 21010600151

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE MONTHLY Frequency:

Sample Date:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 7.7052 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING 0000130104-2013 Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013006 MINIMUM Component Type: Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.01377 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 9.497 Component Type: MINIMUM

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT** Control Point Name:

RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.013325 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

Frequency: Sample Date: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **AVERAGE** Component Type:

Value: 0.013239 Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: Component Type: MAXIMUM 4.971 KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: AS CARBON 0700 Param Reported As:

Sample Date: Frequency: **MONTHLY** MISA COMPLIANCE Sector:

PETROLEUM REFINERIES Regulation: Value: 28.218 Component Type: **AVERAGE**

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6.966 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 1.1107 Component Type: KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104-2013 Result Structure:

Control Point ID: Param Reported As: AS PHENOL 0700 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 0.003303 Component Type: MINIMUM

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 71221.3 Component Type: AVERAGE

Unit of Measure: M3/D
Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 74143.7 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 11698.8 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

 Value:
 8.661
 Component Type:
 MAXIMUM

 Unit of Measure:
 KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0011627 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS NITROGEN Param Reported As: Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type: **MAXIMUM**

Value: 0.28836

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHOSPHORUS 0700 Param Reported As:

Frequency: Sample Date: **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 2.2444 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 19.548 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.015146 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** Param Reported As: 0800

Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.01383 MINIMUM Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014239 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:10.179Component Type:AVERAGEUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.036 Component Type: MINIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PLANT - PROCESS EFFLUENT

RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 73192 Component Type: MINIMUM Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE

Sample Date: Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Value: 4 Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 12338 Component Type: MAXIMUM Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7762.8 Component Type: AVERAGE Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 11554 Component Type: MAXIMUM

Unit of Measure: M3/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS SULPHIDE

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.47029 Component Type: MAXIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value:12.47Component Type:MAXIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104-2013 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 AS SULPHIDE Param Reported As: MONTHLY Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.45167 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPLICABLE** 0800 Param Reported As:

Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MINIMUM Value: 0.011728 Component Type:

Unit of Measure: KG/D PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

6.539 MINIMUM Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Result Structure: Company Code: 0000130104-2013 MISA MONTHLY REPORTING

Control Point ID: 0700 AS SULPHIDE Param Reported As:

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.072211 Component Type: **AVERAGE**

Unit of Measure: KG/D Control Point Name: PLANT - PROCESS EFFLUENT

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Frequency: **MONTHLY**

Sample Date:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MINIMUM Value: 27.628 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

64643.7 MINIMUM Value: Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.072261 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.057442 Component Type: MAXIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFI

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013006 Component Type: MINIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.004036 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

raiameter Name.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.43066 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

Discharge

0000130104-2013 Company Code:

Control Point ID: 0700

Sample Date: Regulation:

MISA COMPLIANCE

Value:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID:

0800

Sample Date:

MISA COMPLIANCE Regulation: 66998

Value:

Unit of Measure: M3/D

Control Point Name:

PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID:

0700

PLANT - PROCESS EFFLUENT

Sample Date:

MISA COMPLIANCE Regulation:

Value: 11265 M3/D

Unit of Measure:

Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID:

Sample Date:

Regulation: MISA COMPLIANCE

0.011072 Value:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW) BENZENE C6H6 Parameter Name:

0800

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 0700

Control Point ID:

Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.074676 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Control Point ID:

Company Code: 0000130104-2013

0800

Param Reported As:

Result Structure:

Component Type:

Result Structure:

Frequency:

Sector:

Param Reported As:

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

NOT APPLICABLE

MONTHLY

MINIMUM

AS SULPHIDE

MONTHLY

MAXIMUM

NOT APPLICABLE

MONTHLY

MAXIMUM

NOT APPLICABLE

NUM. IN AVERAGE

NOT APPLICABLE

MONTHLY

AVERAGE

MONTHLY

MISA MONTHLY REPORTING

AS PHENOL

Order No: 21010600151

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Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.051536 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: AS PHENOL Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.079131 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:0.87439Component Type:MINIMUM

Value: 0.87439 Unit of Measure: KG/D

Unit of Measure:KG/DControl Point Name:PLANT - PROCESS EFFLUENT

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 31.641 Component Type: AVERAGE

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

KG/D

MISA Industrial Wastewater

Discharge

Unit of Measure:

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:8.748Component Type:MAXIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 7097.7 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Frequency:

Component Type:

Sector:

MONTHLY

MINIMUM

PETROLEUM REFINERIES

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date:

Regulation: MISA COMPLIANCE

Value: 4.8543

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013274 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:11.038Component Type:MAXIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0134 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:9630Component Type:MINIMUMUnit of Measure:M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

<u>Discharge</u>

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure: AS CARBON Param Reported As:

Frequency:

Component Type:

Sector:

MONTHLY

MINIMUM

AVERAGE

Order No: 21010600151

PETROLEUM REFINERIES

Control Point ID: 0700

Sample Date: Regulation:

MISA COMPLIANCE

17.182 Value:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 8.038 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT

RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Control Point Name:

Parameter Name:

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type: Value: 0.0097097 **AVERAGE**

Unit of Measure: KG/D Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 10.316 Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.013587 Component Type: MAXIMUM

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MINIMUM Value: 0.007717 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6.212 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 10.158 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

AS NITROGEN Control Point ID: 0700 Param Reported As:

Frequency: Sample Date: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: Value: 0.066142 Component Type: **AVERAGE**

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

0000130104-2013 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 Param Reported As: AS SULPHIDE MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.46013 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Param Reported As: **Control Point ID:** 0800 AS PHENOL

Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.067883 **MAXIMUM** Component Type:

KG/D Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.44488 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING 0000130104-2013 Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 15.043 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHOSPHORUS 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: Component Type: **AVERAGE** 1.48

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: PHOSPHORUS.UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 1.4066 Component Type: **AVERAGE**

Unit of Measure: KG/D Control Point Name: PLANT - PROCESS EFFLUENT

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.06923 Component Type: **MAXIMUM**

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE Regulation:

24.461 Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

AS CARBON

PETROLEUM REFINERIES

Order No: 21010600151

MONTHLY

AVERAGE

Param Reported As:

Component Type:

Frequency:

Sector:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.012716 **AVERAGE** Component Type: Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.48694 Component Type: **MAXIMUM**

KG/D Unit of Measure: Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 3303 Component Type: MINIMUM Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 73255.7 Component Type:

M3/D Unit of Measure: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104-2013 Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 67883.1 Component Type: **MAXIMUM** M3/D Unit of Measure:

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PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 67183.8 MAXIMUM Component Type:

Unit of Measure: M3/D **Control Point Name:** PLANT - ONCE THROUGH COOLING WATER (OTCW)

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: **MONTHLY**

Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.009459 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0800 Param Reported As:

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 69150.9 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Frequency: Sample Date: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

2.8384 MINIMUM Value: Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104-2013 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Order No: 21010600151

Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code:

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE Regulation:

Value: 8.182

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 2.4838

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID: 0800

Sample Date:

Regulation: MISA COMPLIANCE

Value: 4

Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID:

Sample Date:

Regulation: MISA COMPLIANCE

0700

Value: 32.657

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE Regulation:

Value: 0.053949

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

395

Company Code: 0000130104-2013

Control Point ID:

0800 Sample Date:

Frequency:

Result Structure: MISA MONTHLY REPORTING

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

MISA MONTHLY REPORTING

PETROLEUM REFINERIES NUM. IN AVERAGE

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

NOT APPLICABLE

MONTHLY

AS CARBON

MONTHLY

AVERAGE

AS SULPHIDE

MONTHLY

AVERAGE

AS PHOSPHORUS

MONTHLY

MAXIMUM

NOT APPLICABLE

MONTHLY

MINIMUM

Result Structure:

Component Type:

Frequency:

Sector:

Param Reported As:

Frequency:

Sector:

Param Reported As:

Frequency:

Sector:

Param Reported As:

Param Reported As: Frequency:

Frequency:

Sector:

Sector:

Param Reported As:

Param Reported As: NOT APPLICABLE

MONTHLY

Order No: 21010600151

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MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value: Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE 0800 **Control Point ID:** Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.010307 **AVERAGE** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE

Sample Date: Frequency: **MONTHLY**

Regulation: Sector: PETROLEUM REFINERIES MISA COMPLIANCE Component Type: NUM. IN AVERAGE

Value: Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: PETROLEUM REFINERIES MISA COMPLIANCE Sector: Component Type: NUM. IN AVERAGE

Value: Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code: Result Structure: MISA MONTHLY REPORTING

AS PHENOL Control Point ID: 0700 Param Reported As:

Sample Date: Freauencv: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.010158 Component Type: **AVERAGE**

Unit of Measure: KG/D PLANT - PROCESS EFFLUENT Control Point Name:

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Order No: 21010600151

Value: 0.005711 MINIMUM Component Type:

Unit of Measure: KG/D **Control Point Name:** PLANT - PROCESS EFFLUENT

PHENOLICS. UNFILTERED REACTIVE Parameter Name:

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Frequency:

Component Type:

Sector:

MONTHLY

AVERAGE

AVERAGE

PETROLEUM REFINERIES

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date:

Regulation: MISA COMPLIANCE

Value: 3.8779 KG/D

Unit of Measure: **PLANT - PROCESS EFFLUENT** Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.7424 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: 0.46459 **AVERAGE** Component Type:

KG/D Unit of Measure:

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As: Sample Date: MONTHLY

Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.013633 **MAXIMUM** Component Type: Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7.3482 Component Type: MINIMUM

Unit of Measure: KG/D **Control Point Name:** PLANT - PROCESS EFFLUENT

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104-2013 Result Structure: MISA MONTHLY REPORTING Company Code: **NOT APPLICABLE** Param Reported As:

Frequency:

Component Type:

Sector:

MONTHLY

MINIMUM

PETROLEUM REFINERIES

Order No: 21010600151

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 2.6333 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS PHOSPHORUS 0700

Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MINIMUM Value: 1.0225 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

66370.3 **AVERAGE** Value: Component Type:

Unit of Measure: M3/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Result Structure: Company Code: 0000130104-2013 MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

MONTHLY Sample Date: Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 6212 Component Type: MINIMUM Unit of Measure: M3/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

FI OW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

AVERAGE Value: 1.3273 Component Type:

Unit of Measure: KG/D Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS SULPHIDE Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: MINIMUM 0.051485 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 7047 Component Type: MINIMUM

Unit of Measure: M3/D PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0800 Param Reported As:

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 69506.7 Component Type:

Unit of Measure: M3/D **Control Point Name:** PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104-2013 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: Param Reported As: AS NITROGEN 0700

MONTHLY Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.05042 Component Type: **AVERAGE**

Unit of Measure: KG/D Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.013437 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON

Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

38.195 **MAXIMUM** Value: Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date:

Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:74477.6Component Type:MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: AS PHENOL Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0088008 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.6391 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 58641.4 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013913 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: AS SULPHIDE

Sample Date: MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **AVERAGE**

0.49855 Value:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 9.5787 Component Type: MINIMUM

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

AS CARBON **Control Point ID:** 0700 Param Reported As: MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 20.15 **AVERAGE** Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 75728.1 Component Type: **MAXIMUM**

Unit of Measure: M3/D **Control Point Name:** PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.98129 Component Type: **AVERAGE**

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT Control Point Name:**

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: **NOT APPLICABLE** 0700

Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Sector: Regulation:

Order No: 21010600151

Value: 7717 Component Type: MINIMUM

Unit of Measure: M3/D PLANT - PROCESS EFFLUENT **Control Point Name:**

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104-2013 Result Structure:

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.012305 **AVERAGE** Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MAXIMUM Value: 7.5976 Component Type:

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT Control Point Name:**

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

1.7259 **AVERAGE** Value: Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 10.062 Component Type: **MAXIMUM**

Unit of Measure: KG/D Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS SULPHIDE Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 0.47518 Component Type: **MAXIMUM** Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code:

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE Regulation:

8.1304 Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.066998 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Result Structure:

Component Type:

Component Type:

Sector:

Param Reported As: Frequency:

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

NOT APPLICABLE

MONTHLY

AVERAGE

MAXIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 5.581 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE

Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.066213 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 6.1415 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

AVERAGE Value: 0.013147 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 0.53009 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE

Sample Date: Frequency: MONTHLY PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 0.071253 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Frequency: MONTHLY Sample Date:

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: Component Type: MINIMUM

Value: 0.012905 KG/D Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104-2013 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS PHENOL

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0070977 Component Type: **AVERAGE**

Control Point Name: PLANT - PROCESS EFFLUENT

KG/D

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Unit of Measure:

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Order No: 21010600151

Value: 0.01383 MINIMUM Component Type:

Unit of Measure: KG/D Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 0.4525 Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING 0000130104-2013 Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 20.054 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 19.884 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.010172 Component Type: MAXIMUM

Unit of Measure: KG/D Control Point Name: PLANT - PROCESS EFFLUENT

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 76899.1 Component Type: **MAXIMUM**

Unit of Measure: M3/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:0.014244Component Type:AVERAGE

Value: 0.014244 Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.6418 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: MONTHET PETROLEUM REFINERIES

Value: 0.013527 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:9.8582Component Type:AVERAGEUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: RESIDUE.PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:69276.5Component Type:MAXIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 51535.8 Component Type: AVERAGE

Unit of Measure: M3/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL

Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE Value: Component Type:

Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** PHENOLICS. UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS NITROGEN Param Reported As:

Sample Date: MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: Component Type: **MAXIMUM**

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHOSPHORUS 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 1.049 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Frequency: Sample Date: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

63581.1 **AVERAGE** Value: Component Type:

Unit of Measure: M3/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL

Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Order No: 21010600151

Value: 0.069563 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.012338Component Type:MAXIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.058909 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:Frequency:MONTHLY

Regulation: MISA COMPLIANCE Frequency: MONTHLY

Sector: PETROLEUM REFINERIES

Value: 22.361 Component Type: MINIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:6.2316Component Type:AVERAGEUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.012711 Component Type: MINIMUM Unit of Measure: KG/D

Unit of Measure: KG/D
Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.014829 Component Type: **AVERAGE** Value:

KG/D Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE 0700 **Control Point ID:** Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 3.7635 MINIMUM Component Type:

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT Control Point Name:**

SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 64524.6 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

AS SULPHIDE **Control Point ID:** 0800 Param Reported As: Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.52718 **AVERAGE** Component Type:

Unit of Measure: KG/D PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.015827 **MAXIMUM** Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 20.47 **MAXIMUM** Component Type:

Unit of Measure: KG/D **Control Point Name: PLANT - PROCESS EFFLUENT**

RESIDUE, PARTICULATE Parameter Name:

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

MONTHLY

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type: NUM. IN AVERAGE

Value: Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.013633 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

0.073255 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

AS PHENOL **Control Point ID:** 0800 Param Reported As: Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.065029 MINIMUM Component Type: Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 63554.6 Component Type: MINIMUM

M3/D Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 Result Structure: MISA MONTHLY REPORTING Company Code: AS SULPHIDE Param Reported As:

Component Type:

MAXIMUM

Order No: 21010600151

Control Point ID: 0700

Sample Date:

MONTHLY Frequency: PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.078855 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0700 Param Reported As: Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.005908 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

0.013576 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.014244 Component Type: **AVERAGE**

Unit of Measure: KG/D Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.084487 Component Type: **AVERAGE**

KG/D Unit of Measure: Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 11.699 **AVERAGE** Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

MONTHLY

Order No: 21010600151

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 7.717 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

AVERAGE Value: 9858.2 Component Type: Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: AS SULPHIDE 0800 Param Reported As:

MONTHLY Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.51235 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 7.707 Component Type: **AVERAGE** KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL

Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **MINIMUM**

0.064525 Value: Component Type: Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

Discharge

0000130104-2013 Company Code:

Control Point ID: 0700

Sample Date: Regulation:

MISA COMPLIANCE

Value: 8562 Unit of Measure: M3/D

Control Point Name:

Parameter Name: **FLOW**

PLANT - PROCESS EFFLUENT

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE Regulation:

Value: 15.154

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID: 0800

Sample Date:

MISA COMPLIANCE Regulation:

Value: 0.071221

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID:

Sample Date:

Regulation: MISA COMPLIANCE

0700

0.091469 Value: KG/D

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Company Code: 0000130104-2013

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.066771 KG/D

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

413

Company Code: 0000130104-2013 Result Structure:

Control Point ID: 0700 Param Reported As:

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Result Structure: MISA MONTHLY REPORTING

Param Reported As: **NOT APPLICABLE**

MONTHLY Frequency:

Sector: PETROLEUM REFINERIES

Component Type: **AVERAGE**

MISA MONTHLY REPORTING Result Structure:

NOT APPLICABLE Param Reported As:

Frequency: **MONTHLY**

PETROLEUM REFINERIES Sector:

Component Type:

AVERAGE

Result Structure: MISA MONTHLY REPORTING

AS PHENOL Param Reported As:

Frequency: **MONTHLY**

PETROLEUM REFINERIES Sector:

Component Type: **AVERAGE**

Result Structure: MISA MONTHLY REPORTING

Param Reported As: AS SULPHIDE Frequency: MONTHLY

PETROLEUM REFINERIES Sector:

MAXIMUM Component Type:

Discharge

Result Structure: MISA MONTHLY REPORTING

AS SULPHIDE Param Reported As: Frequency: MONTHLY

Sector: PETROLEUM REFINERIES Component Type:

AVERAGE

MISA MONTHLY REPORTING

AS CARBON

Order No: 21010600151

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **AVERAGE**

Value: 22.22 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.38752 Component Type: MINIMUM

KG/D Unit of Measure:

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Value: 7.047 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: RESIDUE.PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON MONTHLY

Frequency: Sample Date: Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 29.476 Component Type: MINIMUM

Unit of Measure: KG/D **Control Point Name: PLANT - PROCESS EFFLUENT** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater **Discharge**

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 10.164 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS PHOSPHORUS 0700

Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Sector: Regulation:

Order No: 21010600151

Value: 1.6364 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

AS SULPHIDE **Control Point ID:** 0800 Param Reported As: Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.49835 MINIMUM Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 4.0948 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM 5.853 Value: Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 69563.2 Component Type: **MAXIMUM**

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104-2013 Result Structure:

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

MINIMUM Value: 0.012929 Component Type: Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure: NOT APPLICABLE Param Reported As:

Control Point ID: 0700

Sample Date: Regulation:

MISA COMPLIANCE

22.788 Value:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE Regulation:

Value: 3.303

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Frequency:

Component Type:

Param Reported As:

Component Type:

Component Type:

Frequency:

Sector:

Sector:

MONTHLY

MAXIMUM

NOT APPLICABLE

PETROLEUM REFINERIES

MONTHLY

MINIMUM

AVERAGE

Order No: 21010600151

PETROLEUM REFINERIES

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value: Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 24.788

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

0.055361 Value: Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

NUM. IN AVERAGE Value: 5 Component Type:

Unit of Measure: PLANT - PROCESS EFFLUENT **Control Point Name:** CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.7284 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.27606 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

AVERAGE

Order No: 21010600151

Control Point ID: 0700 AS CARBON Param Reported As:

Frequency: Sample Date: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: Component Type:

Value: 29.28 KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104-2013 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS NITROGEN

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE

Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.059493 MINIMUM Component Type:

KG/D Unit of Measure: Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Frequency:

Component Type:

Sector:

PETROLEUM REFINERIES

Order No: 21010600151

MAXIMUM

Control Point ID: 0700 Param Reported As: NOT APPLICABLE MONTHLY

Sample Date:

Regulation: MISA COMPLIANCE

Value: 10574

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.45521 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0800 Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: **MAXIMUM** 0.51279 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 6.797 Component Type: **AVERAGE**

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT** Control Point Name:

RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.013239 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING **Control Point ID:** 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: Frequency: MONTHLY MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Regulation: 5.4971 Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

AVERAGE

Order No: 21010600151

Component Type:

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: Component Type: MAXIMUM 37.529

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.075312 Component Type: **AVERAGE**

KG/D Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: MONTHLY Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 65244.6 Component Type: **MAXIMUM**

Unit of Measure: M3/D Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: NUM. IN AVERAGE Value: Component Type:

Unit of Measure:

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104-2013 Result Structure:

Control Point ID: Param Reported As: **NOT APPLICABLE** 0700

Sample Date: **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 10.027 Component Type: MINIMUM

KG/D

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

5.711 MINIMUM Value: Component Type: Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** RESIDUE.PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 12.415 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE Component Type:

Value:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Frequency: Sample Date: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.6176 MINIMUM Value: Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104-2013 Result Structure: MISA MONTHLY REPORTING Company Code:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 11663.1 Component Type: **AVERAGE** Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FI OW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: AS NITROGEN 0700 Param Reported As: **MONTHLY**

Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: 0.07209 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS CARBON 0700 Param Reported As: Frequency: Sample Date: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 24.766 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.01538 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.013901 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS PHENOL 0800 Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.066195 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: AS PHENOL **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.076819 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 25.117 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 65028.8 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS SULPHIDE

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.047579Component Type:AVERAGEUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 11.265 Component Type: MAXIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS CARBON

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value:32.669Component Type:MAXIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Frequency:

Component Type:

Sector:

MONTHLY

MINIMUM

PETROLEUM REFINERIES

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date:

Regulation: MISA COMPLIANCE

Value: 5711

Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: MAXIMUM

Value: 0.015146 Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: Frequency: MONTHLY Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.012415 **MAXIMUM** Component Type:

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As: Sample Date: **MONTHLY**

Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 7.355 MINIMUM Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 11070 Component Type: **MAXIMUM** M3/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT **FLOW** Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Component Type:

MAXIMUM

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.01675 Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS SULPHIDE

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.040692 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014355 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.063555 Component Type: MINIMUM

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Unit of Measure:

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 39.904 Component Type: MAXIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

KG/D

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015364 Component Type: AVERAGE

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL

Sample Date: MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.066165 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0800 Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 0.41049 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2013 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 AS PHENOL Param Reported As:

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: Component Type: NUM. IN AVERAGE

Unit of Measure: **Control Point Name:** PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Order No: 21010600151

Value: Unit of Measure:

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **FLOW**

Discharge

0000130104-2013 Company Code:

Control Point ID: 0700

Sample Date: Regulation:

MISA COMPLIANCE

Value: 9.459 Unit of Measure: KG/D

Control Point Name:

PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE Regulation:

Value: 1.8915

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE Regulation:

Value: 3.303

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID:

Sample Date:

MISA COMPLIANCE

Regulation: 0.010307 Value:

Unit of Measure: KG/D

Control Point Name:

TOLUENE C7H8 Parameter Name:

0700

0800

Discharge

Company Code: 0000130104-2013

Control Point ID:

Sample Date:

Regulation: MISA COMPLIANCE

Value: 17.001 Unit of Measure: KG/D

Control Point Name:

PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID: 0700 Result Structure: MISA MONTHLY REPORTING

Param Reported As: **NOT APPLICABLE**

MONTHLY Frequency:

Sector: PETROLEUM REFINERIES

Component Type: **MAXIMUM**

MISA MONTHLY REPORTING Result Structure:

AS PHOSPHORUS Param Reported As:

Frequency: **MONTHLY**

PETROLEUM REFINERIES Sector:

AVERAGE Component Type:

Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Param Reported As:

Frequency: MONTHLY

PETROLEUM REFINERIES Sector:

Component Type: MINIMUM

Result Structure: MISA MONTHLY REPORTING

Param Reported As: NOT APPLICABLE

Frequency: MONTHLY

PETROLEUM REFINERIES Sector: Component Type:

AVERAGE

MISA Industrial Wastewater

Result Structure: MISA MONTHLY REPORTING

PLANT - ONCE THROUGH COOLING WATER (OTCW)

AS CARBON Param Reported As: Frequency: MONTHLY

Sector: PETROLEUM REFINERIES

Component Type: MINIMUM

Order No: 21010600151

Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure: Control Point Name:

PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.026339 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0700 Param Reported As: MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.045773 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE MONTHLY

Frequency: Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 5.908 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 10.668 Component Type: **MAXIMUM**

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT Control Point Name:**

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS SULPHIDE 0800

Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Order No: 21010600151

Value: 0.52134 Component Type: MINIMUM

Unit of Measure: KG/D PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: A Component Type: NUM IN AVERAGE

Value: 4 Component Type: NUM. IN AVERAGE Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 30 Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700

 Param Reported As:
 AS SULPHIDE

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.070189 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value:0.001086Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code:

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE Regulation:

Value: 28

Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code:

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE Regulation:

Value: 1.6312

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 15.685

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 9.867

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID:

Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.013049

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **TOLUENE C7H8**

0800

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code:

Control Point ID: 0700

Sample Date: Regulation:

MISA COMPLIANCE

Result Structure:

Frequency:

Sector:

MISA MONTHLY REPORTING Result Structure:

NOT APPLICABLE Param Reported As: Frequency:

MONTHLY

PETROLEUM REFINERIES

NUM. IN AVERAGE

MISA MONTHLY REPORTING Result Structure:

Param Reported As: AS PHOSPHORUS

MONTHLY Frequency:

PETROLEUM REFINERIES Sector:

Component Type:

Sector:

Component Type:

MAXIMUM

Result Structure: MISA MONTHLY REPORTING

Param Reported As: AS CARBON **MONTHLY** Frequency:

PETROLEUM REFINERIES Sector:

Component Type: MINIMUM

MISA MONTHLY REPORTING Result Structure:

Param Reported As: **NOT APPLICABLE**

MONTHLY Frequency:

Sector: PETROLEUM REFINERIES

Component Type: MINIMUM

Result Structure: MISA MONTHLY REPORTING

Component Type:

Param Reported As: NOT APPLICABLE

MONTHLY Frequency:

Sector:

PETROLEUM REFINERIES

Order No: 21010600151

MAXIMUM

MONTHLY

PETROLEUM REFINERIES

AVERAGE Value: 8.3964 Component Type:

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013576 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.013147 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Frequency: MONTHLY Sample Date:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.014895 Component Type: MINIMUM

KG/D Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104-2013 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS PHENOL

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 28 Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE

Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Order No: 21010600151

Value: 0.0088349 Component Type: **AVERAGE**

KG/D Unit of Measure: Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.016922 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING 0000130104-2013 Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY MISA COMPLIANCE PETROLEUM REFINERIES

Regulation: Sector: 9709.7 Component Type: **AVERAGE**

Value: Unit of Measure: M3/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.004807 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 41.31 Component Type: MAXIMUM

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT** Control Point Name: CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.46316 Component Type: **AVERAGE**

KG/D Unit of Measure:

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

Frequency: Sample Date: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.011072 MINIMUM Value: Component Type: Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: Component Type: MINIMUM 8.661 KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: **NOT APPLICABLE** 0700 Param Reported As:

Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 8.562 Component Type: **AVERAGE** KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 9.7097 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **MAXIMUM**

Value: 11.554 Component Type: KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104-2013 Result Structure:

Control Point ID: Param Reported As: AS PHENOL 0700 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 0.011554 Component Type: **MAXIMUM**

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE Frequency: **MONTHLY**

Sample Date:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

0.46336 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: **MONTHLY** Frequency:

MISA COMPLIANCE Sector: Regulation: PETROLEUM REFINERIES

Value: 4.807 Component Type: MINIMUM

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 8130.4 Component Type: **AVERAGE** Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL Frequency: Sample Date: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.061523 Value: **AVFRAGE** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 71192.8 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

FI OW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

 Value:
 0.0081304
 Component Type:
 AVERAGE

 Unit of Measure:
 KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.006212 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 12.338 Component Type: MAXIMUM Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 9.63 Component Type: MINIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:28Component Type:NUM. IN AVERAGE

Value: 20
Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE.PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

434

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS SULPHIDE

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.5383 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.012905 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 13325
 Component Type:
 MAXIMUM

Value: 13325 Component Type: Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.48655 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS CARBON

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 24.973 Component Type: MAXIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT
CARBON, DISSOLVED ORGANIC

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Frequency:

Component Type:

Sector:

MONTHLY

AVERAGE

PETROLEUM REFINERIES

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date:

Regulation: MISA COMPLIANCE

Value: 8.00.8

Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.011591 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As: Sample Date: MONTHLY

Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 6982 **AVERAGE** Component Type: Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013855 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104-2013 Result Structure: MISA MONTHLY REPORTING Company Code: **AS NITROGEN**

Control Point ID: 0700 Param Reported As:

Sample Date: Frequency: MONTHLY MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Regulation: Value: 0.065738 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS CARBON 0700 Param Reported As:

Sample Date: Frequency: MONTHLY MISA COMPLIANCE Sector:

PETROLEUM REFINERIES Regulation: Value: 30.482 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

65733.8 **AVERAGE** Value: Component Type:

Unit of Measure: M3/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Result Structure: Company Code: 0000130104-2013 MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 8.1515 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MAXIMUM Value: 0.08729 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: **MAXIMUM** 6.3771 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.008038 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0700 Param Reported As:

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 0.00963 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2013 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: Param Reported As: AS CARBON 0700

MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 13.953 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 12.024 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 8.499 Component Type: Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

KG/D

Discharge

0000130104-2013 Company Code:

Control Point ID: 0700

Sample Date: Regulation:

MISA COMPLIANCE

Value: 36.588

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 10636.7

Unit of Measure: M3/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID: 0800

Sample Date:

MISA COMPLIANCE Regulation:

Value: 0.519

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID:

0800 Sample Date:

Regulation: MISA COMPLIANCE

0.53774 Value:

Unit of Measure: KG/D **Control Point Name:**

PLANT - ONCE THROUGH COOLING WATER (OTCW) SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID: 0800

Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.074477 Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

439

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

AS SULPHIDE **Control Point ID:** 0800 Param Reported As:

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MISA MONTHLY REPORTING

AS CARBON

Result Structure:

Component Type:

Result Structure:

Component Type:

Result Structure:

Component Type:

Result Structure:

Component Type:

Sector:

Frequency:

Sector:

Param Reported As:

Frequency:

Sector:

Frequency:

Sector:

Param Reported As:

MONTHLY

PETROLEUM REFINERIES

MAXIMUM

MISA MONTHLY REPORTING

NOT APPLICABLE Param Reported As:

MONTHLY

PETROLEUM REFINERIES

AVERAGE

MISA MONTHLY REPORTING

AS SULPHIDE

MONTHLY

PETROLEUM REFINERIES

AVERAGE

Result Structure: MISA MONTHLY REPORTING Param Reported As: AS SULPHIDE

MONTHLY Frequency:

PETROLEUM REFINERIES Sector: Component Type:

AVERAGE

MISA MONTHLY REPORTING AS PHENOL

Param Reported As: MONTHLY Frequency:

PETROLEUM REFINERIES

MINIMUM

Sample Date: MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MAXIMUM

0.47553 Value: Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.012716 **AVERAGE** Component Type:

KG/D Unit of Measure: PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

AS NITROGEN **Control Point ID:** 0700 Param Reported As:

MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Value: 0.069015 **AVERAGE** Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 66165.4 Component Type: **AVERAGE**

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 10172 Component Type: **MAXIMUM**

Unit of Measure: M3/D **PLANT - PROCESS EFFLUENT Control Point Name:**

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: **NOT APPLICABLE** 0700

Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Sector: Regulation:

Order No: 21010600151

Value: 6.298 Component Type: MINIMUM

Unit of Measure: KG/D PLANT - PROCESS EFFLUENT **Control Point Name:**

RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0700 Param Reported As: Sample Date: Frequency: **MONTHLY**

Regulation:

MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.071148 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **MAXIMUM**

Value: 9459 Component Type: Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 31.902 Component Type: KG/D

Unit of Measure: **PLANT - PROCESS EFFLUENT** Control Point Name:

CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 AS PHENOL Param Reported As: Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.0769 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104-2013 Result Structure:

Control Point ID: Param Reported As: **NOT APPLICABLE** 0700

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

AVERAGE Value: 8.6284 Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code:

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE

Regulation: 0.05091 Value:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code:

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE Regulation:

Value: 13770

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 8.165

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 23.79

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID:

Sample Date:

Regulation: MISA COMPLIANCE

0800

0.48406 Value:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013

Control Point ID:

Sample Date: Regulation:

0800

MISA COMPLIANCE

Result Structure: Param Reported As:

Result Structure:

Component Type:

Frequency:

Sector:

Param Reported As:

Frequency:

NOT APPLICABLE

MONTHLY

Sector:

PETROLEUM REFINERIES

MISA MONTHLY REPORTING

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442

AS SULPHIDE

MONTHLY

PETROLEUM REFINERIES

MISA MONTHLY REPORTING

AVERAGE

Result Structure:

Component Type:

Result Structure:

Component Type:

Frequency:

Sector:

Sector:

Param Reported As: Frequency:

MISA MONTHLY REPORTING

Param Reported As: NOT APPLICABLE

MONTHLY

PETROLEUM REFINERIES

MAXIMUM

Result Structure: MISA MONTHLY REPORTING Param Reported As: **NOT APPLICABLE**

MONTHLY

Frequency: PETROLEUM REFINERIES Sector:

Component Type: **MAXIMUM**

MISA MONTHLY REPORTING Result Structure:

Param Reported As: **NOT APPLICABLE** MONTHLY Frequency:

Sector: PETROLEUM REFINERIES

Component Type: **MAXIMUM**

MISA MONTHLY REPORTING

AS SULPHIDE **MONTHLY**

PETROLEUM REFINERIES MINIMUM

Order No: 21010600151

MINIMUM Value: 0.012711 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.065114 Component Type: **MAXIMUM**

Unit of Measure: KG/D **Control Point Name: PLANT - PROCESS EFFLUENT**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 10.741 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

AS SULPHIDE Control Point ID: 0700 Param Reported As: Sample Date: MONTHLY

Frequency: PETROLEUM REFINERIES MISA COMPLIANCE Sector:

Regulation: Value: 0.044086 Component Type: MINIMUM

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2013 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014639 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW) Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: AS SULPHIDE

Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.55392 **MAXIMUM** Component Type:

KG/D Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Sector:

Component Type:

PETROLEUM REFINERIES

Order No: 21010600151

MINIMUM

Control Point ID: 0700 Param Reported As: NOT APPLICABLE MONTHLY Frequency:

Sample Date:

Regulation: MISA COMPLIANCE

Value: 3.5688

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING 0000130104-2013 Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: Frequency: MONTHLY PETROLEUM REFINERIES

Regulation: MISA COMPLIANCE Sector: MINIMUM

Value: 0.59784 Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHOSPHORUS 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: Component Type: **MAXIMUM** 1.6645

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: PHOSPHORUS.UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.01538 Component Type: **MAXIMUM** Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 12.145 Component Type: **MAXIMUM** KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING **Control Point ID:** 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

MINIMUM

Order No: 21010600151

Value: 8038 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE

Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: MAXIMUM 0.47715 Component Type: Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: NOT APPLICABLE 0800 Param Reported As:

Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 68164.4 Component Type: **MAXIMUM**

M3/D Unit of Measure: Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: AS PHOSPHORUS 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: **MAXIMUM**

Value: 2.8414 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 0.014239 Component Type:

KG/D Unit of Measure:

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104-2013 Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015827 Component Type: **MAXIMUM** Unit of Measure: KG/D

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Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 11.265 Component Type: MAXIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

PLANT - PROCESS EFFLUENT
Parameter Name: PLANT - PROCESS EFFLUENT
RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 13.527 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:RESIDUE,PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.011728 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

 Value:
 6.274
 Component Type:
 MINIMUM

 Unit of Measure:
 KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.013049Component Type:MAXIMUMUnit of Measure:KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS NITROGEN Param Reported As: Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **MAXIMUM**

Value: 0.26295 Component Type: KG/D

Unit of Measure: **Control Point Name:** PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Frequency: Sample Date: **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 10.637 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7.9237 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.011663 **AVERAGE** Value: Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** Param Reported As: 0700

Sample Date: MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 4036 Component Type: MINIMUM M3/D

Unit of Measure: **Control Point Name: PLANT - PROCESS EFFLUENT**

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: MINIMUM Component Type:

Value: 2.6317

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

0700 AS SULPHIDE **Control Point ID:** Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.060627 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.3026 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: PETROLEUM REFINERIES MISA COMPLIANCE Sector:

Value: 13527 Component Type: **MAXIMUM** Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104-2013 Company Code: Result Structure: MISA MONTHLY REPORTING

AS PHENOL Control Point ID: 0800 Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.071193 Component Type: **MINIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2013 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Order No: 21010600151

Value: 0.0077628 **AVERAGE** Component Type:

Unit of Measure: KG/D **Control Point Name:** PLANT - PROCESS EFFLUENT

PHENOLICS. UNFILTERED REACTIVE Parameter Name:

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Frequency:

Component Type:

Sector:

MONTHLY

MINIMUM

PETROLEUM REFINERIES

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date:

Regulation: MISA COMPLIANCE

Value: 1.22

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.069151 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.009497 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:9497Component Type:MINIMUMUnit of Measure:M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013901 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104-2013 Result Structure: MISA MONTHLY REPORTING Company Code: AS CARBON Param Reported As:

MONTHLY

AVERAGE

Order No: 21010600151

Control Point ID: 0700 Sample Date:

Frequency: PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Component Type:

Value: 20.783 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS CARBON 0700 Param Reported As: Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 33.52 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Frequency: Sample Date: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

0.014829 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Result Structure: Company Code: 0000130104-2013 MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 11.173 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MAXIMUM Value: 1.4938 Component Type:

Unit of Measure: KG/D Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

79130.9 **MAXIMUM** Value: Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2013 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:16.739Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

<u>Site:</u> PETRO-CANADA LUBRICANTS INC. Database: SRDS SRDS

Company Code: 0000130104 Sector:

Works ID:33Region:MOE CENTRAL REGIONSIC:3612 3611District:MOE HALTON-PEEL DISTRICT

 SIC1:
 UTM Zone:
 1

 SIC1 Desc:
 UTM Easting:
 999999

 SIC2:
 UTM Northing:
 999999

SIC2 Desc: UTM Precision: 1

SIC3:Minor Basin:LAKE ONTARIOSIC3 Desc:Major Basin:GREAT LAKES

Body of Water: LAKE ONTARIO Report Year: 2009
Terminal Stream:

SIC Desc: LUB. OIL & GREASE, REFINED PETRO. PROD.

Mailing Address: 000385 SOUTHDOWN RD ,000385SOUTHDOWN RD,,MISSISSAUGA,ONTARIO,CANADA,L5J 2Y3
Corp Address: 385 SOUTHDOWN RD ,385 SOUTHDOWN RD,,MISSISSAUGA,ONTARIO,CANADA,L5J 2Y3

MISA Industrial Wastewater

Discharge

Company Code:0000130104Result Structure:Control Point ID:0700Param Reported As:Sample Date:Frequency:

Regulation: Sector: PETROLEUM REFINERIES

Value: Component Type:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code:0000130104Result Structure:Control Point ID:0300Param Reported As:

Sample Date: Frequency:

Regulation: Sector: PETROLEUM REFINERIES

Value: Component Type:

Unit of Measure:
Control Point Name:
ONCE-THROUGH COOLING WATER

Parameter Name: ONCE-THROUGH COOLING WATER

MISA Industrial Wastewater

Discharge

Company Code:0000130104Result Structure:Control Point ID:0100Param Reported As:

Sample Date: Frequency:

Regulation: Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: Component Type:

Unit of Measure:

PROCESS EFFLUENT **Control Point Name:**

Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: **Control Point ID:** 0800 Param Reported As:

Frequency: Sample Date: Regulation: Sector:

Value:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: 0500 Param Reported As: **Control Point ID:** Sample Date: Frequency:

Regulation: PETROLEUM REFINERIES Sector:

Value: Component Type:

Unit of Measure: ONCE-THROUGH COOLING WATER Control Point Name:

Parameter Name:

PETRO-CANADA LUBRICANTS INC. Site: Database: MISSISSAUGA ON

Component Type:

PETROLEUM REFINERIES

Order No: 21010600151

Company Code: 0000130104 Sector: Region: Works ID: SIC: District: SIC1: UTM Zone:

SIC1 Desc: **UTM Easting:** SIC2: UTM Northina: SIC2 Desc: **UTM Precision:** SIC3: Minor Basin: SIC3 Desc: Major Basin:

Body of Water: Report Year: MISA 2018

Terminal Stream: SIC Desc: Mailing Address: Corp Address:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE 0800 **Control Point ID:** Param Reported As:

Sample Date: 2018/10/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: MINIMUM

Component Type:

Value: 0.001915

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

2018/10/31 Sample Date: MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **AVERAGE** Component Type:

21225.3 Value: M3/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHENOL 0800 **Control Point ID:** Param Reported As: Sample Date: 2018/10/31 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.050937 **MAXIMUM** Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL **MONTHLY** Sample Date: 2018/10/31 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0095749 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AS CARBON **Control Point ID:** 0700 Param Reported As: Sample Date: 2018/10/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **MAXIMUM**

Value: 31.164

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

AS PHENOL Control Point ID: 0700 Param Reported As: Sample Date: 2018/10/31 Freauencv: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.0065707 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHENOL 2018/10/31 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.009418 **MAXIMUM** Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2018/10/31 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **AVERAGE**

Value: 8 108 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/07/31 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE

Value: 31

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL **MONTHLY** Sample Date: 2018/07/31 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.0085846 **AVERAGE** Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHOSPHORUS **Control Point ID:** 0700 Param Reported As:

Sample Date: 2018/07/31 **MONTHLY** Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 1.9587 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2018/07/31 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.042812 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:NOT APPLICABLESample Date:2018/08/31Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Component Type:

Component Type:

AVERAGE

MAXIMUM

NUM. IN AVERAGE

Order No: 21010600151

Value: 0.014621 Unit of Measure: KG/D

Control Point Name:PLANT - O.T.C.W.Parameter Name:BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/08/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015178 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/08/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 66434.7 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS CARBON

 Sample Date:
 2018/08/31
 Frequency:
 MONTHLY

Sample Date:2018/08/31Frequency:MONTHLYRegulation:MISA COMPLIANCESector:PETROLEUM REFINERIES

Value: 31.083 Component Type: AVERAGE

Value: 31.083 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2018/05/31
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5

Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2018/05/31Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: 2018/05/31 Frequency: MONTHLY PETROLEUM REFINERIES

MISA COMPLIANCE Regulation: Sector: Value: 23.898 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: 2018/05/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 5

Unit of Measure: **Control Point Name:** PLANT - PROCESS EFFLUENT

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 NOT APPLICABLE Param Reported As:

2018/05/31 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

MINIMUM

MINIMUM

Order No: 21010600151

Value: 2899 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHENOL Param Reported As: Sample Date: 2018/05/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.002899 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL 2018/08/31 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.012753 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

Discharge

Result Structure: 0000130104 MISA MONTHLY REPORTING Company Code:

Component Type:

Component Type:

MINIMUM

MAXIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

MONTHLY Sample Date: 2018/08/31 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.3 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Sample Date: 2018/08/31 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 6.473 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2018/08/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value: 31

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/08/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

9.4633 Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **AS SULPHIDE** Param Reported As: 2018/08/31 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.055696 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

2018/09/30 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

PLANT - O.T.C.W. Control Point Name: Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2018/09/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.072672 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

Component Type:

MAXIMUM

NUM. IN AVERAGE

Order No: 21010600151

Control Point ID: AS CARBON 0700 Param Reported As: 2018/09/30 MONTHLY Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 40.731

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON MONTHLY 2018/09/30 Frequency: Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE 2018/09/30 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name:

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/10/31 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 4.432 Component Type: **AVERAGE**

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT Control Point Name:**

SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPLICABLE** 0700 Param Reported As:

Sample Date: 2018/10/31 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 5.8433 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS SULPHIDE Param Reported As: Frequency: Sample Date: 2018/10/31 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 0.054887 Component Type:

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2018/11/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE Value: Component Type:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS CARBON Param Reported As: Sample Date: 2018/11/30 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2018/11/30 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.943 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

Component Type:

NUM. IN AVERAGE

MAXIMUM

Order No: 21010600151

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

Sample Date: 2018/11/30 Frequency: MONTHLY MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/11/30 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/12/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.014716 Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name:

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: MONTHLY 2018/05/31 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES 0.32074 Component Type: MINIMUM

Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2018/05/31 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 9.4265

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/05/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MINIMUM Value: 5.27 Component Type:

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL 2018/06/30 Sample Date: **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2018/06/30 Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: NUM. IN AVERAGE Component Type:

Value:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0800 NOT APPLICABLE **Control Point ID:** Param Reported As:

2018/06/30 Frequency: MONTHLY Sample Date:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MINIMUM

Value: 0.01499

KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Result Structure: 0000130104 MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS CARBON

2018/06/30 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Component Type:

AVERAGE

Order No: 21010600151

Value: 32.683

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2018/06/30 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: CARBON, DISSOLVED ORGANIC

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2018/06/30 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 8006.2 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: 2018/06/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0080062 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2018/08/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **AVERAGE**

Value: 39.001 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2018/09/30 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type:

Component Type:

MAXIMUM

MAXIMUM

Order No: 21010600151

Value: 74378.4 Unit of Measure: M3/D

PLANT - O.T.C.W. Control Point Name:

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE 2018/09/30 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.52065

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING **Control Point ID:** 0700 **NOT APPLICABLE** Param Reported As: 2018/09/30 Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

AVERAGE

MAXIMUM

Order No: 21010600151

Component Type:

Component Type:

Value: 7497.6 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/09/30 MONTHLY Frequency: Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: Component Type: MINIMUM 3502

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: AS PHOSPHORUS 0700 Param Reported As:

2018/09/30 Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 1.4124 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

Sample Date: 2018/09/30 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 2.5086 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/09/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 30 Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2018/09/30 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6.0614 Component Type: **AVERAGE**

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: 2018/10/31 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE

Component Type:

Component Type:

AVERAGE

Order No: 21010600151

Value:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: Param Reported As: AS NITROGEN 0700

Sample Date: 2018/10/31 **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS CARBON 0700 Param Reported As: Sample Date: 2018/10/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 23.322

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Frequency: Sample Date: 2018/10/31 **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value: Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: Param Reported As: AS SULPHIDE 0700

Sample Date: 2018/10/31 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **AVERAGE**

Value: 0.046939 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS SULPHIDE Param Reported As: 2018/10/31 Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: NUM. IN AVERAGE Component Type:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 NOT APPLICABLE Param Reported As:

Frequency: 2018/12/31 Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: Unit of Measure:

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/12/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 4

Unit of Measure: **Control Point Name:** PLANT - O.T.C.W.

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

MAXIMUM

MINIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/12/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 8593 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** Param Reported As: 0700

Sample Date: 2018/12/31 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: Component Type: Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT **Control Point Name: FLOW** Parameter Name:

3490

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2018/12/31 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value:

Unit of Measure: Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0700 AS SULPHIDE **Control Point ID:** Param Reported As: Sample Date: 2018/12/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **AVERAGE** Component Type:

Value: 0.040269 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2018/09/30 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 12.7 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2018/09/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 3.7982 Unit of Measure:

KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: വരവ Param Reported As:

Sample Date: 2018/10/31 Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

AVERAGE

Order No: 21010600151

Value: 0.0042451 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

2018/01/31 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: NUM. IN AVERAGE Component Type:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FI OW

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE 2018/01/31 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **AVERAGE**

Value: 0.54207 Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name:

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/11/30 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE 30 Component Type:

Value: Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2018/11/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: **MAXIMUM**

Value: 1.2749 Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2018/11/30 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: MINIMUM Component Type:

Value: 4.815 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2018/12/31 Frequency: **MONTHLY** Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014466

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 AS SULPHIDE Param Reported As: Sample Date: 2018/12/31 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Component Type:

AVERAGE

AVERAGE

Order No: 21010600151

Value: 0.5063 Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS CARBON 0700 Sample Date: 2018/12/31 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type:

Value: 23.38 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON Frequency: Sample Date: 2018/12/31 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 18.917 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Result Structure: Company Code: 0000130104 MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As:

2018/12/31 Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type: NUM. IN AVERAGE

Value: 4 Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2018/12/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

AVERAGE Value: 6375 Component Type:

Unit of Measure: M3/D Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHENOL Param Reported As: Sample Date: 2018/12/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.008593 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/05/31 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value: Unit of Measure:

PLANT - O.T.C.W. Control Point Name: Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0800 Param Reported As: MONTHLY Sample Date: 2018/05/31 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.070228 MINIMUM Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 Param Reported As: AS SULPHIDE 2018/05/31 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHENOL Param Reported As: Sample Date: 2018/05/31 Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Component Type:

Component Type:

MAXIMUM

Order No: 21010600151

Value: 0.012408

Unit of Measure: KG/D **Control Point Name:** PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

2018/10/31 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES MINIMUM

Value: n Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

Discharge

0000130104 Company Code:

Control Point ID: 0700 Sample Date: 2018/10/31

Regulation: MISA COMPLIANCE

Value: 15.817 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Result Structure:

Component Type:

Component Type:

Component Type:

Frequency:

Sector:

Param Reported As:

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

AS CARBON

MONTHLY

MINIMUM

MINIMUM

AVERAGE

Order No: 21010600151

Control Point ID: NOT APPLICABLE 0700 Param Reported As: Sample Date: 2018/10/31 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 5.43 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2018/10/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **AVERAGE**

Value: 6.9399 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/11/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

67088.4 Value: Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPLICABLE** 0800 Param Reported As:

2018/11/30 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **MAXIMUM**

Value: 0.015397 Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS NITROGEN Param Reported As:

Sample Date: 2018/11/30 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.18607 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/01/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 23.088 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0700 Param Reported As: 2018/01/31 MONTHLY Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: NUM. IN AVERAGE Component Type:

Value:

Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2018/02/28 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

AVERAGE

Order No: 21010600151

Value: 0.015255

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN Sample Date: 2018/02/28 Frequency: MONTHLY

Regulation: PETROLEUM REFINERIES MISA COMPLIANCE Sector: Component Type: NUM. IN AVERAGE

Value: Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name:

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2018/02/28 Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 37.541 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Control Point ID: AS CARBON 0700 Param Reported As: Sample Date: 2018/02/28 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type: MINIMUM

Value: 19.435 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Frequency: Sample Date: 2018/02/28 **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: 11.195 Component Type: **AVERAGE**

Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/03/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: Unit of Measure:

PLANT - O.T.C.W. Control Point Name:

BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS SULPHIDE Param Reported As: 2018/06/30 Frequency: Sample Date: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

AVERAGE

Order No: 21010600151

Value: 0.063075 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

Sample Date: 2018/07/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

AVERAGE Value: 74587.6 Component Type: Unit of Measure: M3/D

PLANT - O.T.C.W. Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS CARBON Param Reported As: Sample Date: 2018/11/30 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **MAXIMUM**

44.901 Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON MONTHLY Sample Date: 2018/11/30 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

MINIMUM

MAXIMUM

Order No: 21010600151

Value: 20.376 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

MONTHLY Sample Date: 2018/11/30 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 9937 Component Type: Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: MONTHLY 2018/11/30 Frequency: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Regulation: Value: 0.80096 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2018/11/30 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 31.001

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/11/30 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MAXIMUM Value: 93.39 Component Type:

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2018/11/30 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6.0741 Component Type: **MAXIMUM**

Unit of Measure: KG/D **Control Point Name:** PLANT - PROCESS EFFLUENT

SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2018/12/31 Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: NUM. IN AVERAGE Component Type:

Value:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS NITROGEN Param Reported As: Frequency: Sample Date: 2018/12/31 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS PHENOL

MONTHLY 2018/12/31 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE

Value: 31 Component Type:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2018/12/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: **AVERAGE** 7.8176 Component Type:

Unit of Measure: Control Point Name: **PLANT - PROCESS EFFLUENT**

KG/D

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2018/12/31 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 4.5285 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE

Sample Date: 2018/12/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.045465 Component Type: **MAXIMUM** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0700 Param Reported As: Sample Date: 2018/12/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.032298 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE 2018/06/30 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.53116 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE 2018/06/30 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 0.52464 Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID:0700Param Reported As:NOT APPLICABLESample Date:2018/06/30Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 3

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

Component Type:

Component Type:

Component Type:

NUM. IN AVERAGE

MAXIMUM

MINIMUM

MINIMUM

Order No: 21010600151

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2018/06/30Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.012745

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/11/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4245 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/11/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.4621 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2018/11/30Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:0.046032Component Type:AVERAGE

Value: 0.046032 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2018/11/30Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL

Frequency: Sample Date: 2018/12/31 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.072328 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: AS NITROGEN 0700 Param Reported As:

Sample Date: 2018/12/31 **MONTHLY** Frequency: PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS NITROGEN 0700 Param Reported As:

Sample Date: 2018/12/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0 Component Type: MINIMUM

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Frequency: Sample Date: 2018/12/31 MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

29.078 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/12/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

FI OW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS CARBON Param Reported As: 2018/03/31 Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 14.014 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

2018/03/31 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/03/31 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **MAXIMUM**

Value: 69.804 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/03/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES MINIMUM Component Type:

Value: 4.758 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: **NOT APPLICABLE** 0700

Sample Date: 2018/03/31 **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE

Value: 5 Component Type: Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2018/04/30 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value: Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE 0800 **Control Point ID:** Param Reported As:

Sample Date: 2018/04/30 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **AVERAGE** Component Type:

Value: 75551.6 Unit of Measure: M3/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/04/30 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AS PHENOL **Control Point ID:** 0800 Param Reported As: 2018/04/30 Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: വരവ Param Reported As:

Sample Date: 2018/04/30 Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type:

AVERAGE

Order No: 21010600151

Value: 0.015111 Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name:

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

2018/04/30 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: MINIMUM 0.01492 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON 2018/04/30 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **AVERAGE**

Value: 32 01 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/01/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: MAXIMUM

Value: 78501.2 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL **MONTHLY** Sample Date: 2018/01/31 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.077438 **AVERAGE** Component Type:

KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS SULPHIDE **Control Point ID:** 0800 Param Reported As: Sample Date: 2018/01/31 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: NUM. IN AVERAGE Component Type:

Unit of Measure:

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2018/01/31 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015701 Component Type: **MAXIMUM** Unit of Measure: KG/D

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Control Point Name:

Discharge

PLANT - O.T.C.W.

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As: 2018/01/31 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MINIMUM

Order No: 21010600151

Value: 0.015315 Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: **NOT APPLICABLE** 0800

Sample Date: 2018/01/31 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

PLANT - O.T.C.W. **Control Point Name: TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN Frequency: Sample Date: 2018/01/31 **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

MINIMUM Value: Λ Component Type:

Unit of Measure: KG/D PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHENOL Param Reported As:

MONTHLY Sample Date: 2018/01/31 Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES Component Type: MINIMUM

Value: 0.001175 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2018/01/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MAXIMUM Value: 0.059311 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2018/02/28 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 0.015577 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2018/12/31
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.00349 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2018/12/31Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS CARBON

 Sample Date:
 2018/04/30
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

NUM. IN AVERAGE

Order No: 21010600151

Value: 4

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/04/30 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 10998
 Component Type:
 MAXIMUM

Value: 10998 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2018/04/30
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0986 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

Discharge

Result Structure: 0000130104 MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: MONTHLY 2018/04/30 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Sample Date: 2018/04/30 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value:

Unit of Measure: **PLANT - PROCESS EFFLUENT** Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS SULPHIDE Param Reported As:

Sample Date: 2018/04/30 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2018/07/31 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: MINIMUM Component Type:

4.4647 Value:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

2018/08/31 Frequency: MONTHLY Sample Date: Sector:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

PLANT - O.T.C.W. Control Point Name: Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

AS PHENOL **Control Point ID:** 0800 Param Reported As:

Sample Date: 2018/08/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **AVERAGE**

Value: 0.073105 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2018/08/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0800 Param Reported As: 2018/08/31 MONTHLY Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2018/08/31 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN Sample Date: 2018/08/31 Frequency: MONTHLY

Regulation: PETROLEUM REFINERIES MISA COMPLIANCE Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name:

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/08/31 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Sector: Regulation:

Order No: 21010600151

Value: 8313.6 Component Type: **AVERAGE**

Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2018/08/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value:

Unit of Measure: Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Frequency: Sample Date: 2018/05/31 **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 29.872 Component Type: **MAXIMUM** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2018/05/31 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 31

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2018/05/31 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 5.7594 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

Sample Date: 2018/06/30 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

AVERAGE Value: 0.015176 Component Type: Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 AS SULPHIDE Param Reported As: Sample Date: 2018/06/30 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **MAXIMUM**

Component Type:

0.54219 Value: Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/05/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value: Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN **MONTHLY** Sample Date: 2018/05/31 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: MONTHLY 2018/05/31 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL MONTHLY 2018/02/28 Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2018/02/28 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

NUM. IN AVERAGE Value: 3 Component Type:

Unit of Measure:

PLANT - O.T.C.W. **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON 2018/02/28 Sample Date: **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 62.981 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2018/02/28 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: NUM. IN AVERAGE Component Type:

Value:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AVERAGE

Order No: 21010600151

AS SULPHIDE Control Point ID: 0700 Param Reported As: Frequency: Sample Date: 2018/02/28 MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: Component Type:

Value: 0.073918

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS SULPHIDE MONTHLY 2018/02/28 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.048587 Value: Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0800 Param Reported As: Sample Date: 2018/03/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: **AVERAGE**

0.014808 Component Type:

Unit of Measure: KG/D Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

MONTHLY Sample Date: 2018/05/31 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 1.5781 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2018/05/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: Component Type: **MAXIMUM** 2.594 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2018/06/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5.025 Component Type: MAXIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2018/07/31 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type:

Component Type:

AVERAGE

MINIMUM

Order No: 21010600151

Value: 0.014917 Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name:

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2018/07/31 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.014765

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:** Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING **Control Point ID:** 0700 AS NITROGEN Param Reported As: Frequency: 2018/07/31 Sample Date: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

Component Type:

Component Type:

MINIMUM

MAXIMUM

AVERAGE

Order No: 21010600151

Value: n Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/07/31 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 15.83 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Sample Date: 2018/07/31 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 76.128 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2018/07/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5.2534 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/07/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value:

Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2018/08/31 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 13.776 Component Type: **AVERAGE** KG/D

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Frequency: Sample Date: 2018/08/31 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value:

Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

2018/09/30 Sample Date: **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **AVERAGE**

Value: 0.014534 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS NITROGEN 0700 Param Reported As:

Sample Date: 2018/09/30 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: MINIMUM

Value: 0 Component Type:

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Frequency: Sample Date: 2018/12/31 **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

1.1027 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Order No: 21010600151

Control Point ID: Param Reported As: AS PHOSPHORUS 0700

Sample Date: 2018/12/31 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.62531 Component Type: MINIMUM KG/D

Unit of Measure: **Control Point Name: PLANT - PROCESS EFFLUENT**

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As: Sample Date: 2018/12/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE Component Type:

Value:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 NOT APPLICABLE Param Reported As:

Frequency: 2018/12/31 Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 15.376 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/05/31 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 5 Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2018/05/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.089839 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS SULPHIDE 0800 Sample Date: 2018/05/31 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 0.55594 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS NITROGEN 2018/05/31 Sample Date: MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MINIMUM Value: Component Type:

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0700 AS CARBON **Control Point ID:** Param Reported As: Sample Date: 2018/05/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **AVERAGE**

Value: 31.097 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2018/05/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 37.748 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AS PHOSPHORUS **Control Point ID:** 0700 Param Reported As:

Sample Date: 2018/01/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure: **Control Point Name: PLANT - PROCESS EFFLUENT**

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2018/01/31 Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type:

AVERAGE

Order No: 21010600151

Value: 6.856

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/01/31 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: NUM. IN AVERAGE Component Type:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2018/01/31 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **AVERAGE**

Value: 4.4083 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2018/01/31 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 0.033607 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/02/28 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0800 AS PHENOL **Control Point ID:** Param Reported As: Sample Date: 2018/02/28 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **MAXIMUM** Component Type:

Value: 0.077888 Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2018/02/28 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 3 Component Type: NUM. IN AVERAGE Unit of Measure:

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2018/02/28Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Component Type:

Component Type:

Component Type:

MAXIMUM

AVERAGE

MINIMUM

MAXIMUM

Order No: 21010600151

Value: 0
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/02/28 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 11194.8

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2018/02/28 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.569 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2018/06/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.372

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/03/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015348

Unit of Measure: KG/D

Control Point Name:PLANT - O.T.C.W.Parameter Name:BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/03/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 76741.3 Component Type: MAXIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/03/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.014808Component Type:AVERAGEUnit of Measure:KG/D

Control Point Name:PLANT - O.T.C.W.Parameter Name:TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/03/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.013995Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2018/03/31 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 0
 Component Type:
 MAXIMUM

Value: 0 Component Type: Number of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS CARBON

 Sample Date:
 2018/03/31
 Frequency:
 MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Value: 5 Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2018/03/31
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.011634 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

Discharge

Result Structure: 0000130104 MISA MONTHLY REPORTING Company Code:

Component Type:

MINIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: MONTHLY 2018/03/31 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.004758 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2018/03/31 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.081438 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS SULPHIDE Param Reported As: Sample Date: 2018/03/31

Frequency: MONTHLY MISA COMPLIANCE Regulation: Sector:

PETROLEUM REFINERIES Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL 2018/04/30 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

0.075552 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS. UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **AS SULPHIDE** Param Reported As: 2018/04/30 Sample Date: Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: 4

Unit of Measure:

PLANT - O.T.C.W. Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2018/04/30 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:0.015273Component Type:MAXIMUM

Value: 0.015273 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2018/06/30Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2018/06/30Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2018/06/30Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Component Type:

MAXIMUM

MAXIMUM

Order No: 21010600151

Value: 54.361 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/06/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 12745 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2018/06/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.7318 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPLICABLE** 0700 Param Reported As:

Sample Date: 2018/06/30 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6.7 Component Type: MINIMUM

KG/D Unit of Measure: Control Point Name: **PLANT - PROCESS EFFLUENT**

RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Parameter Name:

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS SULPHIDE Param Reported As: Frequency: Sample Date: 2018/07/31 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MAXIMUM

Order No: 21010600151

Value: 0.077462 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2018/08/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value:

Unit of Measure:

PLANT - O.T.C.W. Control Point Name:

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS CARBON Param Reported As: Sample Date: 2018/08/31 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type: MINIMUM

Value: 25.434 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/08/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 91.845 Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 NOT APPLICABLE Param Reported As: Sample Date: 2018/08/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MINIMUM

8.603 Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/08/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 36.996 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE **MONTHLY** Sample Date: 2018/08/31 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type:

MAXIMUM

Order No: 21010600151

Value: 0.060221

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY 2018/07/31 Frequency: Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 73823.7 Component Type: MINIMUM

Unit of Measure: M3/D PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL MONTHLY 2018/07/31 Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.073824 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2018/07/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure:

PLANT - O.T.C.W. **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/07/31 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **AVERAGE**

Value: 24.22 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/07/31 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: NUM. IN AVERAGE Component Type:

Value:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Frequency: MONTHLY Sample Date: 2018/07/31

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: Component Type: MINIMUM

Value: 3.281

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY 2018/12/31 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5.844 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2018/12/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: MINIMUM 3.694 Component Type:

KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PART LOSS ON IGNIT. MINIMUM

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2018/01/31 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 0.015488 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/01/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **AVERAGE**

Value: 77437.9 Component Type: Unit of Measure: M3/D

PLANT - O.T.C.W. Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2018/01/31 Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Component Type:

Component Type:

MINIMUM

MAXIMUM

Order No: 21010600151

Value: 76570.7 Unit of Measure: M3/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE 2018/01/31 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.54951 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/01/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.015488 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:** Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING **Control Point ID:** 0700 AS NITROGEN Param Reported As: Frequency: 2018/01/31 Sample Date: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

Component Type:

Component Type:

Component Type:

MAXIMUM

AVERAGE

MINIMUM

AVERAGE

Order No: 21010600151

1.4331 Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2018/01/31 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 24.052 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: AS CARBON 0700 Param Reported As: Sample Date: 2018/01/31 Frequency: **MONTHLY**

Sector: PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2018/05/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 70228 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2018/05/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.52022

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

2018/05/31 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015884 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: **TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Frequency: Sample Date: 2018/05/31 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MAXIMUM

AVERAGE

Order No: 21010600151

Value: 12408

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2018/05/31 **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0700 Param Reported As: Sample Date: 2018/04/30 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.002487 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Frequency: Sample Date: 2018/04/30 **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

1.142 Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Result Structure: 0000130104 MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/04/30 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 9.6782 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As: Sample Date: 2018/05/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 0.014045 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 NOT APPLICABLE Param Reported As:

2018/09/30 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **AVERAGE**

Value: 0.014534 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2018/09/30 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 4 Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN Sample Date: 2018/09/30 Frequency: **MONTHLY**

Regulation: PETROLEUM REFINERIES MISA COMPLIANCE Sector:

AVERAGE Value: Component Type:

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: **NOT APPLICABLE** 0700

Sample Date: 2018/09/30 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 9805 Component Type: **MAXIMUM**

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2018/09/30 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **MAXIMUM** Component Type:

57.799 Value: KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

NOT APPLICABLE 0700 **Control Point ID:** Param Reported As: Sample Date: 2018/09/30 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES NUM. IN AVERAGE

Value:

Unit of Measure: **PLANT - PROCESS EFFLUENT Control Point Name:**

RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/09/30 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 38.755 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

2018/09/30 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **MAXIMUM**

Value: 10.183 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS SULPHIDE Param Reported As: Sample Date: 2018/09/30 Freauency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/10/31 MONTHLY Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: **MAXIMUM**

Order No: 21010600151

Value: 50936.4 Component Type: Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FI OW

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2018/01/31 Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type: NUM. IN AVERAGE

Value: Unit of Measure:

PLANT - O.T.C.W. Control Point Name:

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE

Sample Date: 2018/01/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES MINIMUM Component Type:

Value: 0.536 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/01/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: MINIMUM

Value: 1175 M3/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE 0800 **Control Point ID:** Param Reported As:

Sample Date: 2018/02/28 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **AVERAGE** Component Type:

Value: 0.015255 Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:** Parameter Name: BENZENE C6H6

MISA Industrial Wastewater **Discharge**

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2018/02/28 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **MAXIMUM**

Value: 77887.2

Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Component Type:

Component Type:

AVERAGE

MAXIMUM

AVERAGE

Order No: 21010600151

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As: 2018/05/31 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 74317.5 Unit of Measure: M3/D

PLANT - O.T.C.W. Control Point Name:

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPLICABLE** 0800 Param Reported As:

Sample Date: 2018/05/31 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type:

Value: 79419.2 Unit of Measure: M3/D

PLANT - O.T.C.W. **Control Point Name:**

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Frequency: Sample Date: 2018/05/31 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.076401 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

2018/05/31 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.014863 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2018/05/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: 0.014045 MINIMUM Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS NITROGEN Param Reported As: Sample Date: 2018/05/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: 2018/05/31 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.0080625 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0800 Param Reported As:

MONTHLY Sample Date: 2018/10/31 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MAXIMUM

Order No: 21010600151

0.010187 Value: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON

2018/10/31 MONTHI Y Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHENOL Param Reported As: Sample Date: 2018/10/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2018/10/31 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

Discharge

Result Structure: 0000130104 MISA MONTHLY REPORTING Company Code:

Component Type:

Component Type:

AVERAGE

MINIMUM

Order No: 21010600151

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: MONTHLY Frequency: 2018/11/30

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.067088 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: NOT APPLICABLE 0800 Param Reported As:

Sample Date: 2018/11/30 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.013418 **AVERAGE** Component Type:

Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2018/11/30 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

PLANT - O.T.C.W. Control Point Name: **TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2018/01/31 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.015315 Value:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As: 2018/01/31 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: MINIMUM

Value: 14.403

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHENOL **Control Point ID:** 0700 Param Reported As:

Sample Date: 2018/01/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MAXIMUM

Value: 0.011544 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2018/01/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.91438 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHOSPHORUS 0700 Param Reported As:

2018/01/31 MONTHLY Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 1.7285 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

MAXIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2018/01/31 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES MINIMUM

Value: 0.20185

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/01/31 Frequency: MONTHLY

Regulation: PETROLEUM REFINERIES MISA COMPLIANCE Sector:

Value: 8.473 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2018/02/28 Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Sector: Regulation:

Value: 0 Component Type: **AVERAGE**

Unit of Measure: KG/D PLANT - PROCESS EFFLUENT **Control Point Name:**

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS CARBON **Control Point ID:** 0700 Param Reported As: Sample Date: 2018/02/28 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type: NUM. IN AVERAGE

Value: Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

Sample Date: 2018/02/28 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 2.1991 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2018/02/28 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Component Type:

AVERAGE

MAXIMUM

Order No: 21010600151

10.56 Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2018/02/28 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 16.574 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2018/02/28 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 6.941 Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code:0000130104Result Structure:MISA MONTHLY REPORTINGControl Point ID:0700Param Reported As:NOT APPLICABLE

MAXIMUM

AVERAGE

MINIMUM

MINIMUM

Order No: 21010600151

Sample Date: 2018/02/28 Frequency: MONTHLY
Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Regulation:MISA COMPLIANCESector:Value:17.563Component Type:

Value: 17.563 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

Component Type:

Component Type:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/02/28 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 8.223 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/03/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013995

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/03/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 69977.7 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2018/03/31
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.074043 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2018/03/31Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 0 Component Type:

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:**

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/03/31 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 81.438 Component Type: **MAXIMUM**

Unit of Measure: KG/D **Control Point Name:** PLANT - PROCESS EFFLUENT

RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2018/11/30 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

NUM. IN AVERAGE Value: Component Type:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AVERAGE

NUM. IN AVERAGE

Order No: 21010600151

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Frequency: MONTHLY Sample Date: 2018/11/30

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: Component Type:

Value: 3.7145 KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Component Type:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY 2018/11/30 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4

Unit of Measure: **Control Point Name: PLANT - PROCESS EFFLUENT**

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2018/11/30 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.029715 MINIMUM Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2018/12/31 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 69642.5 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2018/12/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: Unit of Measure:

PLANT - O.T.C.W. Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2018/09/30 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **AVERAGE**

Value: 26.111 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2018/09/30 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type:

AVERAGE

Order No: 21010600151

Value: 0.056879

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/10/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

PLANT - O.T.C.W. **Control Point Name:** Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING Control Point ID:0800Param Reported As:NOT APPLICABLESample Date:2018/10/31Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM

MAXIMUM

Order No: 21010600151

Component Type:

Component Type:

Value: 9574.9 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2018/10/31Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2018/10/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.68016 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/10/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 14.472 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE.PART LOSS ON IGNIT.

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/02/28 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:3Component Type:NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/02/28 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6.941 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2018/03/31 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

AVERAGE Value: 0 Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: Param Reported As: **NOT APPLICABLE** 0700

Sample Date: 2018/03/31 **MONTHLY** Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Sample Date: 2018/03/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MINIMUM

Value: 5.482 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

MAXIMUM

Order No: 21010600151

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Frequency: Sample Date: 2018/03/31 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

8.1948 Value:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: Param Reported As: NOT APPLICABLE 0800

Sample Date: 2018/08/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.013287 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS PHENOL Param Reported As: Sample Date: 2018/08/31 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector: **AVERAGE**

Value: 0.0083136 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

2018/08/31 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.7005 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/08/31 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.5216 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/08/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 5

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS SULPHIDE 0700 Sample Date: 2018/08/31 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 0.049455 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2018/09/30 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: MINIMUM Component Type:

0.01425 Value: KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

MAXIMUM

Order No: 21010600151

NOT APPLICABLE 0700 **Control Point ID:** Param Reported As: Sample Date: 2018/05/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6.7212 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2018/02/28 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.54521 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2018/02/28 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: **MAXIMUM** Component Type:

Value: 17563 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

AS PHENOL Control Point ID: 0700 Param Reported As: Sample Date: 2018/02/28 Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.011195 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2018/02/28 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 1.592 MINIMUM Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2018/04/30 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: MAXIMUM

Value: 0.015273 Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

MINIMUM

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/04/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 74599.3 Component Type: Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2018/04/30 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: MINIMUM 2487 Component Type:

M3/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHENOL **Control Point ID:** 0700 Param Reported As: Sample Date: 2018/04/30 **MONTHLY** Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Value: NUM. IN AVERAGE Component Type:

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2018/04/30 Frequency: **MONTHLY** Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.042329 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 AS SULPHIDE Param Reported As: 2018/07/31 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type:

AVERAGE

MINIMUM

Order No: 21010600151

Value: 0.52212 Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0800 Param Reported As: Sample Date: 2018/07/31 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type: MINIMUM

Value: 0.51677 Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Frequency: Sample Date: 2018/07/31 **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

MAXIMUM Value: 0.015322 Component Type: Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:** Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

2018/07/31 Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: 4 Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W. **TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2018/07/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type:

Value: 27.238

Unit of Measure: KG/D Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2018/07/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 8584.6 **AVERAGE** Component Type:

Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2018/07/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 1464 Component Type: MINIMUM

Unit of Measure: M3/D PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0700 Param Reported As: MONTHLY 2018/07/31

Sample Date: Frequency: Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM

0.012855 Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 Param Reported As: AS PHENOL 2018/01/31 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.078502 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS NITROGEN Param Reported As: Sample Date: 2018/01/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2018/01/31 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

MINIMUM 4 801 Value: Component Type: Unit of Measure:

KG/D PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

MINIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/01/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.175 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/02/28 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014968 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2018/02/28
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.076276 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2018/02/28
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.074841 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2018/12/31Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.4875 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/12/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MINIMUM

Value: 0.013928 Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2018/12/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

2018/12/31 MONTHLY Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: NUM. IN AVERAGE Component Type:

Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Component Type:

Component Type:

NUM. IN AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2018/12/31 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES MINIMUM

Value: 2.0763

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL 2018/01/31 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name:

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/01/31 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 7.0046 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/01/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:7.308Component Type:MAXIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date:2018/01/31Frequency:MONTHLYRegulation:MISA COMPLIANCESector:PETROLEUM REFINERIES

Regulation:MISA COMPLIANCESector:PETROLEValue:1.9204Component Type:MINIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/01/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/02/28 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

AVERAGE

Order No: 21010600151

Value: 76276.1 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/02/28 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 3
 Component Type:
 NUM. IN AVERAGE

Unit of Measure:

MISA Industrial Wastewater

Control Point Name: Parameter Name:

Discharge

PLANT - O.T.C.W.

FLOW

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AVERAGE

Order No: 21010600151

Control Point ID: 0800 AS SULPHIDE Param Reported As: Frequency: Sample Date: 2018/02/28 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type:

0.53393 Value: Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/02/28 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL **MONTHLY** Sample Date: 2018/02/28 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 0.006941

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY 2018/02/28 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 4.5718 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2018/02/28 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/03/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure:

PLANT - O.T.C.W. **Control Point Name: TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN 2018/03/31 Sample Date: **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2018/03/31 Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Component Type:

AVERAGE

Order No: 21010600151

Value: 25.171

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As: Frequency: Sample Date: 2018/03/31 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MAXIMUM

Value: 45.373

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

MONTHLY 2018/03/31 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.2625 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2018/03/31 Frequency: MONTHLY PETROLEUM REFINERIES Sector:

Regulation: MISA COMPLIANCE Value: **AVERAGE** 22.099 Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PARTICULATE

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2018/05/31 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 0.014863 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2018/05/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015884 Component Type: **MAXIMUM** Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2018/08/31 Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES Component Type: **AVERAGE**

Value: 73105 Unit of Measure: M3/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

MAXIMUM

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2018/08/31 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type:

Value: 75891.7 Unit of Measure: M3/D

PLANT - O.T.C.W. Control Point Name:

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL MONTHLY Sample Date: 2018/08/31 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **MAXIMUM**

Value: 0.075891

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING **Control Point ID:** 0800 AS SULPHIDE Param Reported As: 2018/08/31 Frequency: Sample Date: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

Component Type:

Component Type:

AVERAGE

MAXIMUM

MAXIMUM

Order No: 21010600151

0.51174 Value: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN Sample Date: 2018/08/31 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **AVERAGE**

Value: 0.25716 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Sample Date: 2018/08/31 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 12753 M3/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2018/08/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 31

Unit of Measure: Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2018/08/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.0475 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

2018/02/28 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014968 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: **TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN

Frequency: Sample Date: 2018/02/28 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 0 Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING 0000130104 Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2018/02/28 **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.017563 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0700 Param Reported As: Sample Date: 2018/02/28 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.11602 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Frequency: Sample Date: 2018/03/31 **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value:

Unit of Measure:

PLANT - O.T.C.W. Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Order No: 21010600151

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2018/03/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.069978 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 AS SULPHIDE Param Reported As: 2018/03/31 Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 0.5183 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 NOT APPLICABLE Param Reported As:

2018/03/31 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: MAXIMUM

Value: 0.015348 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2018/04/30 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.074599 Value: Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2018/04/30 Frequency: MONTHLY

Regulation: PETROLEUM REFINERIES MISA COMPLIANCE Sector:

0.52219 MINIMUM Value: Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS NITROGEN 0700 Sample Date: 2018/04/30 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: O Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2018/04/30 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **AVERAGE** Component Type:

Value: 9.82

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE 0700 **Control Point ID:** Param Reported As:

Sample Date: 2018/04/30 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 2.487 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/06/30 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 91.936 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2018/07/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **MAXIMUM**

Value: 76609.6 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **AS NITROGEN** Param Reported As:

Sample Date: 2018/07/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS NITROGEN 2018/07/31 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: **MAXIMUM** 0 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN 2018/07/31 Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2018/07/31 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 34.326 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

MAXIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2018/07/31 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 12855 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0700 Param Reported As: Sample Date: 2018/07/31 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.001464 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL 2018/07/31 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 31 Component Type: NUM. IN AVERAGE

Unit of Measure: **Control Point Name:** PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 AS PHOSPHORUS Param Reported As: Sample Date: 2018/07/31 MONTHLY

Frequency: Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPLICABLE** 0700 Param Reported As:

Sample Date: 2018/07/31 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

MINIMUM Value: 6.116 Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: 2018/07/31 **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: **MAXIMUM** Component Type:

Value: 7.1929 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Result Structure: Company Code: 0000130104 MISA MONTHLY REPORTING

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0700 AS SULPHIDE Param Reported As:

Sample Date: 2018/07/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.055652 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2018/09/30 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

0.071248 MINIMUM Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As: Sample Date: 2018/09/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: MINIMUM 24.243 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2018/09/30 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.009805 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0700 Param Reported As: MONTHLY Sample Date: 2018/09/30 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.003502 MINIMUM Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2018/09/30 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

2018/09/30 Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: 9.257 Component Type: MINIMUM

Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2018/09/30 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 0.064799 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

Discharge

Result Structure: 0000130104 Company Code:

Control Point ID: 0700 Sample Date: 2018/09/30

Frequency: MONTHLY Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Param Reported As:

Component Type:

MISA MONTHLY REPORTING

Order No: 21010600151

AS SULPHIDE

MINIMUM

Value: 0.051884 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2018/10/31 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **MAXIMUM** Component Type:

Value: 0.35655 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS SULPHIDE Param Reported As:

Sample Date: 2018/10/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MINIMUM

Value: 0.045413 Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/06/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE Component Type:

Value:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

2018/07/31 Frequency: MONTHLY Sample Date:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES Component Type: **AVERAGE**

Value: 0.014917

Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2018/07/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MINIMUM

Value: 0.014765 Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2018/07/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.074587 Component Type: **AVERAGE**

KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS SULPHIDE **Control Point ID:** 0800 Param Reported As: 2018/07/31 MONTHLY Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type: MAXIMUM

Value: 0.53627 Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2018/03/31 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS SULPHIDE MONTHLY Sample Date: 2018/03/31 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.049959 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/04/30 Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 76364 Component Type: **MAXIMUM**

Unit of Measure: M3/D

PLANT - O.T.C.W. **Control Point Name:**

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHENOL **Control Point ID:** 0800 Param Reported As: Sample Date: 2018/04/30 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.076364 **MAXIMUM** Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS SULPHIDE Param Reported As: Sample Date: 2018/04/30 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 0.52886 Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2018/04/30 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value:

Unit of Measure:

PLANT - O.T.C.W. Control Point Name: **TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

MAXIMUM

Order No: 21010600151

Control Point ID: 0700 **AS NITROGEN** Param Reported As: Sample Date: 2018/04/30 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS NITROGEN Param Reported As: Sample Date: 2018/04/30 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: NUM. IN AVERAGE Component Type:

Value:

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 NOT APPLICABLE Param Reported As: Sample Date: 2018/05/31 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: NUM. IN AVERAGE Component Type:

Value: Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE MONTHLY Sample Date: 2018/05/31 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

MAXIMUM

Order No: 21010600151

Value: 0.067753

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE **MONTHLY** Sample Date: 2018/05/31 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 0.03871

Unit of Measure: KG/D Control Point Name:

PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY 2018/06/30 Frequency: Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015491 Component Type: **MAXIMUM**

Unit of Measure: KG/D PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL MONTHLY 2018/06/30 Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.075881 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2018/07/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.076609 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON 2018/07/31 Sample Date: **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES 4 Component Type: NUM. IN AVERAGE

Value:

Unit of Measure: **Control Point Name:** PLANT - PROCESS EFFLUENT

CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2018/07/31 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 1.3088 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Frequency: MONTHLY Sample Date: 2018/07/31

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **MAXIMUM**

Value: 57.344

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY 2018/10/31 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.4435 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2018/11/30 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.010108 Component Type: MINIMUM

KG/D Control Point Name: PLANT - O.T.C.W.

Parameter Name: BENZENE C6H6

Unit of Measure:

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2018/11/30 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL

Sample Date: 2018/11/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.076987 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0800 Param Reported As:

Sample Date: 2018/11/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.53891 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2018/11/30 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 11.569 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2018/05/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value: Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As: 2018/05/31 Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

AVERAGE

MINIMUM

MAXIMUM

AVERAGE

Order No: 21010600151

Component Type:

Component Type:

Component Type:

Component Type:

Value: 15.375 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE** 2018/05/31 MONTHLY Frequency:

Sample Date: Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 9.106 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Sample Date: 2018/05/31 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 19.026 KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2018/05/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: MINIMUM

Value: 5.1299 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2018/05/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.056507

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

KG/D

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

2018/06/30 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.01499 Component Type: MINIMUM

Unit of Measure:

PLANT - O.T.C.W. Control Point Name: BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: 2018/06/30 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE Value: Component Type:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W. BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/06/30 **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

AVERAGE

Order No: 21010600151

Value: 75880.3

Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0800 Param Reported As:

Sample Date: 2018/06/30 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W. **TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AS PHENOL **Control Point ID:** 0700 Param Reported As: Frequency: Sample Date: 2018/06/30 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value: 30

Unit of Measure: **PLANT - PROCESS EFFLUENT** Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2018/06/30 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 AS PHENOL Param Reported As: Sample Date: 2018/08/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 0.066435 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS SULPHIDE Param Reported As: 2018/08/31 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **MAXIMUM**

Value: 0.53124 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2018/08/31 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: MINIMUM

Value: 0.46504 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE** Sample Date: 2018/08/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.014621 Value: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** Param Reported As: 0800

Sample Date: 2018/08/31 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **MAXIMUM**

Value: 0.015178 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. **TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN 2018/08/31 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

1.2858 **MAXIMUM** Value: Component Type:

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHENOL 0700 **Control Point ID:** Param Reported As: Sample Date: 2018/08/31 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.005595 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL **MONTHLY** Sample Date: 2018/08/31 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

0700 AS PHOSPHORUS **Control Point ID:** Param Reported As:

2018/08/31 Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2018/08/31 Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 6.4121 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/10/31 MONTHLY Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: **AVERAGE**

Component Type:

Order No: 21010600151

Value: 0.0042451 Unit of Measure: KG/D

Control Point Name:

PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

Discharge

Company Code: 0000130104

Control Point ID: 0700 2018/10/31 Sample Date:

Regulation: MISA COMPLIANCE

Value: 9418

Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104

Control Point ID: 0700 Param Reported As: 2018/10/31 Frequency:

Sample Date:

Regulation: MISA COMPLIANCE

Value: 1.1997 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Result Structure:

Component Type:

Result Structure:

Component Type:

Component Type:

Frequency:

Sector:

Sector:

Param Reported As:

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

AS PHOSPHORUS

MONTHLY

MAXIMUM

MAXIMUM

Order No: 21010600151

NOT APPLICABLE

MONTHLY

MAXIMUM

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2018/10/31 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2018/10/31 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: NUM. IN AVERAGE Component Type:

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE 2018/11/30 MONTHLY

Frequency: Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 76987.1

Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 AS PHENOL Param Reported As: 2018/11/30 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector:

Component Type:

MINIMUM

Order No: 21010600151

Value: 0.050541 Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name:

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS NITROGEN 0700 Param Reported As: Sample Date: 2018/11/30 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Frequency: Sample Date: 2018/11/30 **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

AVERAGE Value: 7660.7 Component Type:

Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHENOL Param Reported As:

MONTHLY Sample Date: 2018/11/30 Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.009937 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2018/11/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MAXIMUM Value: 38.205 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2018/11/30 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: NUM. IN AVERAGE 30 Component Type:

Unit of Measure:

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:RESIDUE,PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2018/04/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.4517 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/04/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS NITROGEN

 Sample Date:
 2018/06/30
 Frequency:
 MONTHLY

 Sample Date:
 2018/06/30
 Frequency:
 MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

Regulation:MISA COMPLIANCESector:PETROLEUValue:0Component Type:AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS CARBON

 Sample Date:
 2018/06/30
 Frequency:
 MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 20.1
 Component Type:
 MINIMUM

Value: 20.1 Component Type: M Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/06/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

Discharge

Result Structure: 0000130104 MISA MONTHLY REPORTING Company Code:

Component Type:

MAXIMUM

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: MONTHLY Frequency: 2018/12/31

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 73578.6 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2018/12/31 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.069642 MINIMUM Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2018/12/31 Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: Component Type: **MAXIMUM**

Value: 0.014716 Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: **TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

MONTHLY Sample Date: 2018/12/31 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MAXIMUM Value: 0 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHOSPHORUS 0700 Param Reported As:

2018/12/31 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.83737 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2018/01/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MAXIMUM

Value: 0.015701 Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2018/04/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **MAXIMUM**

Value: 41.792 Component Type:

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0700 Param Reported As: 2018/04/30 MONTHLY Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.0099562 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Component Type:

AVERAGE

MAXIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2018/04/30 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7.9116 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE MONTHLY Sample Date: 2018/04/30 Frequency:

Regulation: PETROLEUM REFINERIES MISA COMPLIANCE Sector:

Value: 0.076986 Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/09/30 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Sector: Regulation:

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure:

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2018/09/30
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.074379 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2018/09/30Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

AVERAGE

Order No: 21010600151

Value: 0.5087 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2018/09/30Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2018/09/30Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: 2018/09/30 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:0.0074976Component Type:AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 NOT APPLICABLE Param Reported As: Sample Date: 2018/09/30 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value: Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/10/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2018/10/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: MONTHLY 2018/10/31 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.14425 Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE 2018/10/31 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/06/30 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

77456.3 **MAXIMUM** Value: Component Type:

M3/D Unit of Measure:

PLANT - O.T.C.W. **Control Point Name:**

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2018/06/30 Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2018/06/30 Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 0.077457 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

Order No: 21010600151

0800 AS PHENOL **Control Point ID:** Param Reported As: 2018/06/30 Frequency: MONTHLY Sample Date:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: MINIMUM

Value: 0.074948

KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2018/06/30 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015176 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS NITROGEN **Control Point ID:** 0700 Param Reported As: Sample Date: 2018/06/30 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: MINIMUM 0 Component Type:

KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2018/06/30 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 3775 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2018/06/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.2756 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2018/03/31 Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES Component Type: **AVERAGE**

Value: 74043 Unit of Measure: M3/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL 2018/03/31 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.076742 Component Type: MAXIMUM

Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name:

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2018/03/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **MAXIMUM**

Value: 0.53719

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 AS SULPHIDE Param Reported As: 2018/03/31 Frequency: Sample Date: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MINIMUM

MAXIMUM

Order No: 21010600151

Component Type:

Component Type:

0.48984 Value: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2018/03/31 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Sample Date: 2018/03/31 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 11634 Component Type: **MAXIMUM** M3/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: AS PHOSPHORUS 0700 Param Reported As:

Sample Date: 2018/03/31 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 2.6409 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2018/03/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 0.64656 Component Type: KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2018/03/31 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5.7407 Component Type: **AVERAGE**

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

MINIMUM

Order No: 21010600151

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2018/09/30Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.49873 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:NOT APPLICABLESample Date:2018/09/30Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.014876Component Type:MAXIMUMUnit of Measure:KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PLANT - 0.1.C.W.

TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/09/30 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 0.01425
 Component Type:
 MINIMUM

Value: 0.01425 Component Type: MUnit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.
Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2018/09/30
 Frequency:
 MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:30Component Type:NUM. IN AVERAGE

Unit of Measure:
Control Point Name: PLANT - PROCESS EFFLUENT

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2018/09/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.71896Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

MAXIMUM

MAXIMUM

AVERAGE

Order No: 21010600151

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As: Sample Date: 2018/10/31 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.010187 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 NOT APPLICABLE Param Reported As:

Frequency: 2018/12/31 Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **AVERAGE**

Value: 72327.8 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2018/12/31 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.073579 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2018/12/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.51505 Value: Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

Control Point ID: Param Reported As: **NOT APPLICABLE** 0700

Sample Date: 2018/12/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 8.0598 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2018/12/31 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **MAXIMUM** Component Type:

13.842 Value: KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE 0800 **Control Point ID:** Param Reported As:

Sample Date: 2018/10/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.001915 MINIMUM Component Type: Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN Sample Date: 2018/10/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AS PHENOL **Control Point ID:** 0700 Param Reported As: Sample Date: 2018/10/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.004207 MINIMUM Component Type:

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

Sample Date: 2018/10/31 Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.9744 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/10/31 MONTHLY Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 14.024 **MAXIMUM** Component Type:

Unit of Measure: KG/D **Control Point Name: PLANT - PROCESS EFFLUENT**

RESIDUE, PARTICULATE Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2018/11/30 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **AVERAGE**

Value: 0.013418 Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/11/30 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE

Component Type:

Order No: 21010600151

Value:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W. BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/11/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 50540.5 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHENOL **Control Point ID:** 0800 Param Reported As: Sample Date: 2018/11/30 MONTHLY Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Value: NUM. IN AVERAGE Component Type:

Unit of Measure:

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE 2018/11/30 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.46962 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 AS CARBON Param Reported As: Sample Date: 2018/11/30 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

AVERAGE

Order No: 21010600151

Value: 31.934 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0800 Param Reported As: Sample Date: 2018/05/31 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: MINIMUM Component Type:

Value: 0.4916 Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Frequency: MONTHLY Sample Date: 2018/03/31

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 3.6537 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Result Structure: Company Code: 0000130104 MISA MONTHLY REPORTING

Control Point ID: 0700 AS SULPHIDE Param Reported As:

Sample Date: 2018/03/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MINIMUM

Value: 0.035035 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2018/04/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: **AVERAGE** Value: 0.015111 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS SULPHIDE Param Reported As: Sample Date: 2018/04/30 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.53455 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2018/04/30 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Sector: Regulation:

Value: 10.773 Component Type: **AVERAGE**

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT** Control Point Name:

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Sample Date: 2018/04/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Component Type:

MAXIMUM

MINIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2018/04/30 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 41.155 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

2018/04/30 Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 5.4423 Component Type:

Unit of Measure: KG/D **Control Point Name:** PLANT - PROCESS EFFLUENT

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2018/06/30 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

AVERAGE Value: 14.912 Component Type: Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

KG/D

Discharge

0000130104 Company Code:

Control Point ID: 0700

Sample Date: 2018/06/30

Regulation: MISA COMPLIANCE

Value: 4.4178 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure:

Result Structure:

Component Type:

Param Reported As:

Component Type:

Result Structure:

Component Type:

Result Structure:

Component Type:

Component Type:

Frequency:

Sector:

Param Reported As:

Frequency:

Sector:

Param Reported As:

Frequency:

Sector:

Frequency:

Sector:

Param Reported As:

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

NOT APPLICABLE

NUM. IN AVERAGE

NUM. IN AVERAGE

Order No: 21010600151

MONTHLY

NOT APPLICABLE

MONTHLY

MINIMUM

AS SULPHIDE

MONTHLY

MAXIMUM

NOT APPLICABLE

MONTHLY

AVERAGE

Control Point ID: 0700

Sample Date: 2018/06/30

MISA COMPLIANCE Regulation:

Value: 3.7553 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104

Control Point ID: 0700

Sample Date: 2018/06/30

MISA COMPLIANCE Regulation:

Value: 0.088494

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104

Control Point ID: 0800 Sample Date: 2018/07/31

Regulation: MISA COMPLIANCE

Value:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W. BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPLICABLE** 0800 Param Reported As:

2018/07/31 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4

Unit of Measure:

PLANT - O.T.C.W. Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHENOL **Control Point ID:** 0800 Param Reported As:

Sample Date: 2018/07/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name:

PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2018/07/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 50.904 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

2018/07/31 MONTHLY Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: NUM. IN AVERAGE Component Type:

Value:

Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2018/04/30 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES 6998.2 Component Type: **AVERAGE**

Value: Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

NUM. IN AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2018/04/30 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name:

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2018/04/30 Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 0.55539 Component Type: MINIMUM

Unit of Measure: KG/D PLANT - PROCESS EFFLUENT **Control Point Name:**

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPLICABLE** 0700 Param Reported As:

Sample Date: 2018/04/30 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 16.83 Component Type: **MAXIMUM**

Unit of Measure: KG/D Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Frequency: Sample Date: 2018/04/30 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES MINIMUM Value: 6.047 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2018/04/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.060685 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT** Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

2018/06/30 Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

MINIMUM

Order No: 21010600151

Value: 3.775 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/06/30 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE Value: Component Type: Unit of Measure:

Control Point Name:

PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS SULPHIDE Param Reported As: Frequency: Sample Date: 2018/06/30 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MINIMUM

0.0469 Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE MONTHLY Sample Date: 2018/06/30 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/07/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type:

MAXIMUM

AVERAGE

Order No: 21010600151

Value: 0.015322

Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: MONTHLY 2018/07/31 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Value: 1.5605

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2018/07/31 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/08/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MINIMUM Value: 0.013287 Component Type:

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name: TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN 2018/08/31 Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2018/08/31 Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 35.272 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As: 2018/08/31 Frequency: MONTHLY Sample Date:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY 2018/08/31 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5595 Component Type: MINIMUM Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2018/09/30 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.014876 **MAXIMUM** Component Type:

Unit of Measure: KG/D Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

Order No: 21010600151

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2018/09/30 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 72671.4 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/09/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES MINIMUM

Value: 71247.7 Component Type: Unit of Measure: M3/D

PLANT - O.T.C.W. Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2018/09/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: 4

Unit of Measure:

PLANT - O.T.C.W. **Control Point Name:**

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

MAXIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS NITROGEN

2018/09/30 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type: Value: 0

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON 2018/09/30 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 29.584

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING Control Point ID:0700Param Reported As:NOT APPLICABLESample Date:2018/09/30Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM

AVERAGE

AVERAGE

MINIMUM

NUM. IN AVERAGE

Order No: 21010600151

Component Type:

Component Type:

Component Type:

Component Type:

Component Type:

Value: 3.502 Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:RESIDUE,PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2018/10/31
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.021225 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/10/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6570.7 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/10/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4207 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:NOT APPLICABLESample Date:2018/10/31Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 31

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/10/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:4.913Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2018/10/31Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.03801Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/11/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.015397Component Type:MAXIMUMUnit of Measure:KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2018/11/30Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.35378 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

MINIMUM

MAXIMUM

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/11/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.010108

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2018/11/30Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.74429 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2018/11/30Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2018/11/30
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0076607 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2018/11/30Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.004245 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2018/11/30 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 5.486
 Component Type:
 MINIMUM

Value: 5.486 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2018/11/30Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.059885 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/12/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: MINIMUM Component Type:

0.013928 Value: KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHENOL 0800 **Control Point ID:** Param Reported As: Sample Date: 2018/12/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: NUM. IN AVERAGE Component Type:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2018/12/31 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014466 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. **TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AS PHENOL **Control Point ID:** 0700 Param Reported As: Sample Date: 2018/12/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.006375 **AVERAGE** Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2018/12/31 Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MAXIMUM

Order No: 21010600151

Value: 5.844 Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/05/31 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: NUM. IN AVERAGE Component Type:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2018/05/31 Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/06/30 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES MINIMUM Component Type:

74948.4 Value: Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

Order No: 21010600151

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

2018/06/30 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: MAXIMUM

Value: 0.015491 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHENOL **Control Point ID:** 0700 Param Reported As: Sample Date: 2018/06/30 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.003775 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2018/06/30 Frequency: **MONTHLY** Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 40.458 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Control Point Name:

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As: Sample Date: 2018/06/30 MONTHLY Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Component Type:

Component Type:

MAXIMUM

AVERAGE

Order No: 21010600151

Value: 120.22 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPLICABLE** 0700 Param Reported As:

Sample Date: 2018/05/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 8062.5 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Frequency: Sample Date: 2018/01/31 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.076571 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Result Structure: Company Code: 0000130104 MISA MONTHLY REPORTING

Control Point ID: 0800 AS PHENOL Param Reported As:

MONTHLY Sample Date: 2018/01/31 Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: 5 Component Type: NUM. IN AVERAGE

Value: Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2018/01/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

0.28662 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As: Sample Date: 2018/01/31 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 33.132 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2018/01/31 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 6452.1 Component Type: **AVERAGE** Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

MONTHLY Sample Date: 2018/01/31 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 11544 Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2018/01/31 **MONTHLY** Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHENOL Param Reported As: Sample Date: 2018/01/31 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.0064521 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2018/01/31 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

NUM. IN AVERAGE Value: Component Type:

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

Discharge

0000130104 Company Code:

Control Point ID: 0700 Sample Date: 2018/01/31

Regulation: MISA COMPLIANCE

Value: 0.047992 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Result Structure:

Component Type:

Component Type:

Component Type:

Component Type:

Frequency:

Sector:

Param Reported As:

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

AS SULPHIDE

MONTHLY

AVERAGE

MINIMUM

MAXIMUM

MINIMUM

Order No: 21010600151

Control Point ID: NOT APPLICABLE 0800 Param Reported As:

Sample Date: 2018/02/28 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 74841.1 Unit of Measure: M3/D

PLANT - O.T.C.W. Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS SULPHIDE Param Reported As:

Sample Date: 2018/02/28 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MINIMUM

Value: 0.52389

Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2018/02/28 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

0.015577 Value:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. **TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

2018/02/28 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 6941 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHOSPHORUS **Control Point ID:** 0700 Param Reported As:

Sample Date: 2018/02/28 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/02/28 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE

Value: Component Type:

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

2018/02/28 MONTHLY Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 11.768 **MAXIMUM** Component Type:

Unit of Measure: **PLANT - PROCESS EFFLUENT Control Point Name:** Parameter Name: SOLVENT EXTRACTABLES

KG/D

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2018/02/28 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL MONTHLY Sample Date: 2018/03/31 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value:

Unit of Measure: PLANT - O.T.C.W. **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2018/03/31 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Order No: 21010600151

Value: 6519.2 Component Type: **AVERAGE**

Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2018/03/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4758 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHENOL Param Reported As: Frequency: Sample Date: 2018/03/31 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0065192 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater **Discharge**

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL 2018/03/31 Frequency: **MONTHLY** Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE Value: 31 Component Type:

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name:

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2018/03/31 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Component Type:

AVERAGE

Order No: 21010600151

Value: 8.5893 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2018/03/31 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE Value: Component Type:

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:NOT APPLICABLESample Date:2018/04/30Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Component Type:

MINIMUM

MINIMUM

AVERAGE

Order No: 21010600151

Value: 0.01492 Unit of Measure: KG/D

Control Point Name:PLANT - O.T.C.W.Parameter Name:BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2018/04/30Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2018/04/30Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 21.769 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

Site: PETRO-CANADA LUBRICANTS INC. Database: MISSISSAUGA ON SRDS

Company Code: 0000130104 Sector:

Works ID: Region: SIC: District: SIC1: UTM Zone: SIC1 Desc: **UTM Easting:** SIC2: **UTM Northing:** SIC2 Desc: **UTM Precision:** SIC3: Minor Basin: SIC3 Desc: Major Basin:

Body of Water: Report Year: MISA 2017

Terminal Stream: SIC Desc: Mailing Address: Corp Address:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:NOT APPLICABLESample Date:2017/11Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:6.9296Component Type:Unit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As: Sample Date: 2017/11 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **MAXIMUM**

Value: 9.481 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS SULPHIDE Param Reported As: 2017/11 Frequency: Sample Date: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: NUM. IN AVERAGE Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2017/12 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 17.178 Component Type: **AVERAGE**

Unit of Measure: KG/D **Control Point Name: PLANT - PROCESS EFFLUENT**

CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE** Sample Date: 2017/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 31 M3/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: **NOT APPLICABLE** 0700

Sample Date: MONTHLY 2017/12 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 2.8843 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2017/01 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value: KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHENOL 0800 **Control Point ID:** Param Reported As: Sample Date: 2017/02 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

0.074408 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2017/02 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 0.48842 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2017/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: NUM. IN AVERAGE 5 Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2017/03 Freauency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.014647 Component Type: **MAXIMUM** Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: **TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

2017/04 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: **MAXIMUM** 0.014436 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.01426Component Type:AVERAGEUnit of Measure:KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MAXIMUM

Order No: 21010600151

Value: 76472.3 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2017/05Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.076473 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2017/05Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.5353 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.013891Component Type:MINIMUMUnit of Measure:KG/D

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Control Point Name:

Discharge

PLANT - O.T.C.W.

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:NOT APPLICABLESample Date:2017/06Frequency:MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Value: 4
Unit of Measure: KG/D

Control Point Name:PLANT - O.T.C.W.Parameter Name:BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2017/02Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2017/02Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Component Type:

MINIMUM

NUM. IN AVERAGE

Order No: 21010600151

Value: 6.073 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2017/08Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5
Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014434 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/09 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Value: 4
Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL

Sample Date: 2017/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.072413 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2017/09
 Frequency:
 MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Value: 4
Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MAXIMUM

Order No: 21010600151

Value: 3.6968

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

 Unit of Measure:
 KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

Discharge

0000130104 Company Code:

Control Point ID: 0700

Sample Date: 2017/03

Regulation: MISA COMPLIANCE

Value: 5611.3 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104

Control Point ID: 0700 Sample Date: 2017/03

MISA COMPLIANCE Regulation:

Value: 10063

Unit of Measure: M3/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104

Control Point ID: 0800 Sample Date: 2017/10

MISA COMPLIANCE Regulation:

Value: 0.070954

Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name:

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104

Control Point ID: 0800 Sample Date: 2017/10

Regulation: MISA COMPLIANCE

Value: 0.012716

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. **TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Result Structure:

Component Type:

Result Structure:

Component Type:

Result Structure:

Component Type:

Result Structure:

Component Type:

Component Type:

Frequency:

Sector:

Param Reported As:

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

NOT APPLICABLE

NUM. IN AVERAGE

Order No: 21010600151

MONTHLY

AVERAGE

NOT APPLICABLE

MONTHLY

MAXIMUM

AS PHENOL

MONTHLY

MAXIMUM

NOT APPLICABLE

MONTHLY

AVERAGE

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

2017/11 Frequency: MONTHLY Sample Date: PETROLEUM REFINERIES

Regulation: MISA COMPLIANCE Sector:

Value: 5

Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS SULPHIDE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2017/11 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:0.032165Component Type:MINIMUM

Value: 0.032165 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2017/12Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2017/12Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 15.407 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2017/12Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2017/12Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.0047879Component Type:AVERAGEUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2017/12
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 0.003691 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2017/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.0938 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2017/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.2884 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2017/02Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.52086 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

AVERAGE

Order No: 21010600151

Value: 0.014354 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2017/03
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

<u>Discharge</u>

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

Component Type:

AVERAGE

MAXIMUM

Order No: 21010600151

Control Point ID: NOT APPLICABLE 0800 Param Reported As: Sample Date: 2017/03 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.013964 Value: Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:** Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2017/04 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.01426 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL **MONTHLY** Sample Date: 2017/04 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 0.070475 Unit of Measure:

KG/D **Control Point Name:** PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: MONTHLY 2017/04 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.50524 Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2017/05 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 0.014419 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/05 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

69455.3 MINIMUM Value: Component Type:

M3/D Unit of Measure:

PLANT - O.T.C.W. **Control Point Name:**

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2017/05 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.069455 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/06 Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: Component Type: **AVERAGE**

Value: 0.014046

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Frequency: MONTHLY Sample Date: 2017/01

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **MAXIMUM**

Value: 9499 M3/D

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY 2017/01 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

NUM. IN AVERAGE

Order No: 21010600151

Value: 4

Unit of Measure: KG/D **Control Point Name: PLANT - PROCESS EFFLUENT**

RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2017/01 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: **AVERAGE** 4.002 Component Type:

KG/D Unit of Measure: Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: SOLVENT EXTRACTABLES

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2017/01 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **MAXIMUM**

Value: 4.4828 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/07 Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 70505.3 Component Type: MINIMUM Unit of Measure: M3/D

PLANT - O.T.C.W. Control Point Name: Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2017/07 Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: 4 Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE 2017/08 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type:

MINIMUM

Order No: 21010600151

Value: 0.50517 Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2017/09 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: **MAXIMUM**

Value: 73952.6 Component Type:

Unit of Measure: M3/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2017/09Frequency:MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Value: 4
Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Component Type:

Component Type:

Component Type:

AVERAGE

MAXIMUM

AVERAGE

AVERAGE

Order No: 21010600151

Value: 0.014482 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7.397 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL

Sample Date: 2017/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.063579 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2017/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.44505

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014206 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: **TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Frequency: Sample Date: 2017/03 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6.7514 **AVERAGE** Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** RESIDUE.PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2017/03 Sample Date: **MONTHLY** Frequency:

MISA COMPLIANCE Sector: PETROLEUM REFINERIES Regulation:

Value: 3.0365 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS NITROGEN 0700 Param Reported As:

Sample Date: 2017/04 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.0781 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN Frequency: Sample Date: 2017/04 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MINIMUM Value: Λ Component Type:

PLANT - PROCESS EFFLUENT Control Point Name:

KG/D

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Unit of Measure:

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS CARBON

2017/04 Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: Component Type: NUM. IN AVERAGE KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As: Sample Date: 2017/04 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 2127 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater **Discharge**

Company Code: 0000130104

Result Structure: MISA MONTHLY REPORTING **Control Point ID:** 0800 NOT APPLICABLE Param Reported As:

2017/12 Frequency: Sample Date: MONTHLY Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

NUM. IN AVERAGE

Order No: 21010600151

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2017/12 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: MINIMUM

Value: 0.53748 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE** Sample Date: 2017/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS SULPHIDE 0700 Sample Date: 2017/04 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

0.078099 Value: Component Type: **MAXIMUM** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2017/12 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **AVERAGE**

0.033887 Value: Component Type:

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0700 AS SULPHIDE **Control Point ID:** Param Reported As: Sample Date: 2017/12 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.032543 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/01 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014575 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

0800 NOT APPLICABLE **Control Point ID:** Param Reported As:

Sample Date: 2017/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 71930.3 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2017/01 Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 72876.6 Component Type: **MAXIMUM** Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE 2017/01 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Order No: 21010600151

Value: 0.50351 **AVERAGE** Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2017/01Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014225 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name:PLANT - O.T.C.W.Parameter Name:TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/02 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Value: 4 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PLANT - 0.1.C.W.

BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/02 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2017/02
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.071769 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:NOT APPLICABLESample Date:2017/03Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Component Type:

AVERAGE

AVERAGE

Order No: 21010600151

Value: 0.013964 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.012562Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 62808 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL

Sample Date: 2017/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.069821

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2017/03
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.073235 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2017/01
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 31 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2017/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.70887 Component Type: AVERAGE

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 3.4082 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2017/08
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.076281 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2017/02Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

AVERAGE

Order No: 21010600151

Value: 0

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2017/02Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

Discharge

0000130104 Company Code:

Control Point ID: 0700

Sample Date: 2017/02

Regulation: MISA COMPLIANCE

Value: 7311.8 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW** Result Structure: Param Reported As: Frequency:

Component Type:

Result Structure:

Component Type:

Frequency:

Sector:

Param Reported As:

Sector:

NOT APPLICABLE

MONTHLY

PETROLEUM REFINERIES

MISA MONTHLY REPORTING

MISA MONTHLY REPORTING

Order No: 21010600151

PETROLEUM REFINERIES

NOT APPLICABLE

NUM. IN AVERAGE

MONTHLY

AVERAGE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104

Control Point ID: 0700 Sample Date: 2017/02

MISA COMPLIANCE Regulation:

Value: M3/D

Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHENOL Param Reported As:

Sample Date: 2017/02 Frequency: **MONTHLY** MISA COMPLIANCE PETROLEUM REFINERIES

Regulation: Sector: Value: 0.009866 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

MONTHLY Sample Date: 2017/02 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MINIMUM 0.67677 Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS.UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

2017/02 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE

Value: 4 Component Type:

Unit of Measure: KG/D Control Point Name:

PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2017/02

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **AVERAGE**

Frequency:

MONTHLY

Order No: 21010600151

Value: 11.683 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2017/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **MAXIMUM**

Value: 24.438 KG/D

Unit of Measure: PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

2017/02 MONTHLY Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 92.358 **MAXIMUM** Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT

Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: 2017/02 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 28 Component Type: NUM. IN AVERAGE Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/08 Frequency: MONTHLY

Regulation: PETROLEUM REFINERIES MISA COMPLIANCE Sector:

Value: 0.015256 Component Type: **MAXIMUM**

PLANT - O.T.C.W. **Control Point Name: TOLUENE C7H8**

Unit of Measure: KG/D

MISA Industrial Wastewater

Discharge

Parameter Name:

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: Frequency: MONTHLY 2017/09

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 0.01479 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0800 **NOT APPLICABLE Control Point ID:** Param Reported As:

Sample Date: 2017/09 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014226 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Frequency: Sample Date: 2017/11 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 5 Unit of Measure: M3/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2017/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.071032 MINIMUM Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

Component Type:

MAXIMUM

MINIMUM

Order No: 21010600151

Control Point ID: 0800 AS SULPHIDE Param Reported As: Sample Date: 2017/11 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.53941 Unit of Measure: KG/D

Control Point Name:

PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Control Point ID: AS SULPHIDE 0800 Param Reported As: Sample Date: 2017/11 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.49722

Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name:

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: NOT APPLICABLE 0800 Param Reported As: Sample Date: 2017/11 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value: 5 Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:** Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/03 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 2.4623 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name:

PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON **MONTHLY** Sample Date: 2017/04 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 31.928 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: MONTHLY 2017/04 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: Component Type: NUM. IN AVERAGE 30

Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL MONTHLY 2017/12 Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.07738 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/04 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Order No: 21010600151

AVERAGE Value: 12.136 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2017/04 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 20.574 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/04 Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Component Type:

AVERAGE

Order No: 21010600151

Value: 4.6931

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Frequency: MONTHLY Sample Date: 2017/04

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MINIMUM

Value: 3.4898 KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS CARBON

2017/05 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE KG/D

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2017/05 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: Component Type: NUM. IN AVERAGE 31

M3/D Unit of Measure: Control Point Name: **PLANT - PROCESS EFFLUENT**

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FLOW

Parameter Name:

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

MONTHLY Sample Date: 2017/05 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE

Sample Date: 2017/05 Frequency: MONTHLY MISA COMPLIANCE PETROLEUM REFINERIES

Regulation: Sector:

Value: 0.055874 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0700 Param Reported As: Sample Date: MONTHLY

2017/05 Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES Value: Component Type: NUM. IN AVERAGE 5

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2017/06 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 2.6715 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As: 2017/06 Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

Component Type:

MINIMUM

MINIMUM

Order No: 21010600151

Value: 1 93 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE** Sample Date: 2017/03 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: 5 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: NOT APPLICABLE 0800 Param Reported As:

2017/04 Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.014095 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2017/04 Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES Value: 71298.8 Component Type: **AVERAGE**

Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2017/04 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: NUM. IN AVERAGE Value: Component Type:

KG/D Unit of Measure:

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE 2017/04 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.013891Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - O.T.C.W.
Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/05 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 5
 Component Type:
 NUM. IN AVERAGE

Value: 5 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2017/05Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.072095 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2017/05Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.48619 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.014419Component Type:AVERAGEUnit of Measure:KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

Sample Date: 2017/06 Frequency: **MONTHLY** MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector:

Value: 70229.1 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS PHENOL Param Reported As: Frequency: Sample Date: 2017/06 MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES **AVERAGE**

Value: 0.070229 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/02 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **AVERAGE**

Value: 3.3817 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2017/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS NITROGEN 0700 Sample Date: 2017/03 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: O Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN 2017/03 Sample Date: MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

NUM. IN AVERAGE Value: 5 Component Type: KG/D

Unit of Measure: Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0700 AS CARBON **Control Point ID:** Param Reported As: Sample Date: 2017/03 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM

MAXIMUM

Order No: 21010600151

36.306 Value: Component Type:

Unit of Measure: KG/D **Control Point Name: PLANT - PROCESS EFFLUENT**

CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/10 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AS PHENOL **Control Point ID:** 0800 Param Reported As: Sample Date: 2017/10 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE Component Type:

Value: 4 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2017/11 Freauency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 77058.3

Unit of Measure: M3/D PLANT - O.T.C.W. Control Point Name:

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

2017/11 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: MINIMUM 71031.8 Component Type:

Unit of Measure: M3/D **Control Point Name:**

PLANT - O.T.C.W.

Parameter Name: FI OW

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2017/03 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **MAXIMUM**

Value: 15.476 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/03 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.7974 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2017/04 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.69173 MINIMUM Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2017/12 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 250.37 **MAXIMUM** Component Type: Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2017/12 Frequency: **MONTHLY** Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 77380.1 Component Type: **AVERAGE** Unit of Measure: M3/D

MISA Industrial Wastewater

Control Point Name:

Parameter Name:

Discharge

PLANT - O.T.C.W.

FLOW

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2017/12Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MINIMUM

MINIMUM

Order No: 21010600151

Value: 0.076783 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2017/12Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.54166 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1138 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.
Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.849
Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:RESIDUE,PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/05 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:31Component Type:NUM. IN AVERAGE

Value: 31 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2017/05Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.064639 Component Type: AVERAGE

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Param Reported As: **Control Point ID:** 0700 AS SULPHIDE

Sample Date: 2017/05 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.075586 Component Type: **MAXIMUM** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0700 Param Reported As: MONTHLY 2017/06

Sample Date: Frequency: Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.017819 **MAXIMUM** Value:

Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2017/06 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 1.4995 Component Type: MINIMUM

Unit of Measure: KG/D Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

2017/06 Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 5.447 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2017/06 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 16.319 **AVERAGE** Component Type: Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

KG/D

Discharge

0000130104 Company Code:

Control Point ID: 0700

Sample Date: 2017/06 Regulation: MISA COMPLIANCE

Value: 2.1243 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104

Control Point ID: 0700 Sample Date: 2017/07

MISA COMPLIANCE Regulation:

Value: 2381 M3/D

Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104

Control Point ID: 0700

Sample Date: 2017/07

MISA COMPLIANCE Regulation:

Value: 1.4286

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104

Control Point ID: 0700

Sample Date: 2017/07

Regulation: MISA COMPLIANCE

Value: 30

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104

Control Point ID: 0700 2017/07

Sample Date: MISA COMPLIANCE

Regulation: 4.4949

Value:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

609

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHENOL **Control Point ID:** 0800 Param Reported As:

NOT APPLICABLE Param Reported As:

Result Structure:

Component Type:

Result Structure:

Component Type:

Result Structure:

Component Type:

Result Structure:

Component Type:

Result Structure:

Frequency:

Sector:

Param Reported As:

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

MISA MONTHLY REPORTING

Order No: 21010600151

NOT APPLICABLE

NUM. IN AVERAGE

MONTHLY

AS PHOSPHORUS

MONTHLY

MINIMUM

NOT APPLICABLE

MONTHLY

MINIMUM

NOT APPLICABLE

MONTHLY

MINIMUM

MONTHLY Frequency:

Sector: PETROLEUM REFINERIES

Component Type: **AVERAGE**

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Sample Date: 2017/06 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MINIMUM

0.068824 Value: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2017/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.014046 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHENOL **Control Point ID:** 0700 Param Reported As: 2017/01 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.009499 Component Type: MAXIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 31 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

NUM. IN AVERAGE

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:** BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: **NOT APPLICABLE** 0800

Sample Date: Frequency: **MONTHLY** 2017/07

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 72946.1 Component Type: **AVERAGE**

Unit of Measure: M3/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2017/07
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.072946 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date:2017/08Frequency:MONTHLYRegulation:MISA COMPLIANCESector:PETROLEUM REFINERIES

Regulation:MISA COMPLIANCESector:PETROLEValue:72168.4Component Type:MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/08 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Value: 5
Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2017/08
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MINIMUM

Order No: 21010600151

Value: 0.072168

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS SULPHIDE

 Sample Date:
 2017/01
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.066493 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

Component Type:

Component Type:

Component Type:

MINIMUM

MINIMUM

AVERAGE

MINIMUM

Order No: 21010600151

Control Point ID: 0700 AS SULPHIDE Param Reported As: Sample Date: 2017/01 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.054103 Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON MONTHLY Sample Date: 2017/02 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 20.648 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL **MONTHLY** Sample Date: 2017/02 Frequency: MISA COMPLIANCE PETROLEUM REFINERIES

Regulation: Sector: Value: Component Type: MINIMUM

0.003532

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: MONTHLY 2017/02 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.98833

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2017/02 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 3.532

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/08 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:7.425Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5.7607 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2017/05Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2017/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.7985 Component Type: MAXIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.4657 Component Type: AVERAGE

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PLANT - PROCESS EFFLUENT
Parameter Name: SOLVENT EXTRACTABLES

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN MONTHLY Sample Date: 2017/06 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING 0000130104 Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: 2017/06 Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES **MAXIMUM**

Value: Component Type: 83.38 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS CARBON 0700 Param Reported As: MONTHLY

Sample Date: 2017/06 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: 4 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2017/07 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type:

NUM. IN AVERAGE

Order No: 21010600151

Value: 30 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

FI OW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL MONTHLY Sample Date: 2017/07 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.0080502 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING **Control Point ID:** 0700 AS NITROGEN Param Reported As: 2017/08 Frequency: Sample Date: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

Component Type:

Component Type:

MINIMUM

AVERAGE

MINIMUM

Order No: 21010600151

Value: n Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2017/09 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 72412.8 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL 2017/09 Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE Sector: PETROLEUM REFINERIES Regulation:

Value: 0.073952 Component Type: **MAXIMUM**

KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2017/10 MONTHLY Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.0089734 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2017/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.010063 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL 2017/03 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value:

31 Component Type: NUM. IN AVERAGE KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2017/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.3266 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2017/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.044867 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2017/11Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.52037 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014868

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AS SULPHIDE **Control Point ID:** 0700 Param Reported As: Sample Date: 2017/03 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 0.035175 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 NOT APPLICABLE Param Reported As:

Frequency: 2017/06 Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 20.693 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2017/06 Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2017/06 Frequency: **MONTHLY**

Regulation: PETROLEUM REFINERIES MISA COMPLIANCE Sector:

AVERAGE

Order No: 21010600151

0.07063 Value: Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS SULPHIDE 0700 Sample Date: 2017/06 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 0.10612 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN 2017/07 Sample Date: MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.15672 **AVERAGE** Value: Component Type:

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS NITROGEN **Control Point ID:** 0700 Param Reported As: 2017/07 **MONTHLY**

Sample Date: Frequency: Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.31905 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2017/07 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 39.715 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AS PHOSPHORUS **Control Point ID:** 0700 Param Reported As:

Sample Date: 2017/07 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE Component Type:

Value: 4 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS NITROGEN Param Reported As:

Sample Date: 2017/04 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: **MAXIMUM**

Value: 0.3124 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

2017/12 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: NUM. IN AVERAGE 4 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.01537 Value: Component Type: MINIMUM Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2017/04 Frequency: **MONTHLY** Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE 4 Component Type:

Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN

2017/05 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE Value: Component Type:

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0700 AS CARBON **Control Point ID:** Param Reported As: Sample Date: 2017/05 **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: MINIMUM 35.264 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHENOL 2017/05 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.01281 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:NOT APPLICABLESample Date:2017/05Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

AVERAGE

Order No: 21010600151

Value: 75.051 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/05 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Value: 5
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:5.8309Component Type:MAXIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:NOT APPLICABLESample Date:2017/05Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

 Value:
 3.113
 Component Type:
 MINIMUM

 Unit of Measure:
 KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/05 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 5
 Component Type:
 NUM. IN AVERAGE

Value: 5
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2017/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: 2017/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 26.69 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: 2017/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 30 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2017/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2017/07Frequency:MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS CARBON

 Sample Date:
 2017/07
 Frequency:
 MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Order No: 21010600151

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

Discharge

0000130104 Company Code:

Control Point ID: 0700 Sample Date: 2017/07

Regulation: MISA COMPLIANCE

Value: 4 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Result Structure:

Component Type:

Frequency:

Sector:

Param Reported As:

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

Order No: 21010600151

NOT APPLICABLE

NUM. IN AVERAGE

MONTHLY

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Sample Date: 2017/07 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As: Sample Date: 2017/08 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **AVERAGE**

Value: 22.631 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: **AVERAGE** Component Type:

Value: 7.5233

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **AS NITROGEN** Param Reported As: 2017/09 Sample Date: Frequency: MONTHLY

Regulation: PETROLEUM REFINERIES MISA COMPLIANCE Sector: **MAXIMUM**

Value: 0 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHOSPHORUS **Control Point ID:** 0700 Param Reported As:

Sample Date: 2017/09 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:1.8477Component Type:AVERAGE

Value: 1.8477 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2017/09Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.059332 Component Type: MAXIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

Component Type:

Component Type:

NUM. IN AVERAGE

AVERAGE

MAXIMUM

Order No: 21010600151

Control Point ID:0700Param Reported As:AS CARBONSample Date:2017/10Frequency:MONTHLY

Sample Date:2017/10Frequency:MONTHLYRegulation:MISA COMPLIANCESector:PETROLEUM REFINERIES

Value: 4
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6257.1 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 9260 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 3.642 Component Type: MINIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

AS NITROGEN **Control Point ID:** 0700 Param Reported As: Sample Date: 2017/11 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: MINIMUM Component Type:

KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Frequency: Sample Date: 2017/11 **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 6929.6 Component Type: **AVERAGE**

Unit of Measure: M3/D **PLANT - PROCESS EFFLUENT Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2017/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE Value: 28 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2017/11 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type: NUM. IN AVERAGE

Value: 5

Unit of Measure: KG/D Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS NITROGEN Param Reported As:

Sample Date: 2017/12 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 0 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 NOT APPLICABLE Param Reported As: Sample Date: 2017/12 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

AVERAGE

MINIMUM

Order No: 21010600151

4787.9 Value: Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/12 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 3691 Component Type: MINIMUM Unit of Measure: M3/D

Control Point Name:

PLANT - PROCESS EFFLUENT

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2017/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type: Value: 0.72524

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: MONTHLY 2017/12 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2017/12 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 9.098 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/12 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MINIMUM Value: 3.691 Component Type:

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2017/12 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.1707 Component Type: **AVERAGE**

Unit of Measure: KG/D **Control Point Name:** PLANT - PROCESS EFFLUENT

SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/01 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.014386

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Frequency: MONTHLY Sample Date: 2017/01

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Value: 4 Component Type: NUM. IN AVERAGE

M3/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 Param Reported As: AS PHENOL

MONTHLY 2017/01 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2017/01 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.49786 MINIMUM Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2017/02 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: **AVERAGE**

Value: 0.014354 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL

Sample Date: 2017/02 Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.069774 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0800 Param Reported As: Sample Date: MONTHLY

2017/02 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: Component Type: NUM. IN AVERAGE 4

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2017/04 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type:

NUM. IN AVERAGE

Order No: 21010600151

Value: Unit of Measure: M3/D

PLANT - O.T.C.W. Control Point Name:

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL MONTHLY Sample Date: 2017/04 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 0.071299

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING **Control Point ID:** 0800 AS PHENOL Param Reported As: 2017/04 Frequency: Sample Date: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

Component Type:

MAXIMUM

MAXIMUM

MAXIMUM

Order No: 21010600151

0.072178 Value: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE** MONTHLY

Sample Date: 2017/04 Frequency: Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014436 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: **NOT APPLICABLE** 0800 Param Reported As:

2017/05 Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: M3/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2017/05 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.015295 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value:

M3/D Unit of Measure:

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON 2017/01 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 29.611 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: 2017/01 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 31 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING 0000130104 Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2017/01 **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.0082169 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHOSPHORUS 0700 Param Reported As:

Sample Date: 2017/01 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: MINIMUM

Value: 0.2396 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: 2017/01 **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2017/07 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.014589 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 AS PHENOL Param Reported As: Sample Date: 2017/07 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: Component Type: **MAXIMUM**

Value: 0.075279 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS SULPHIDE Param Reported As: 2017/07 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **MAXIMUM**

Value: 0.52695

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/08 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: MINIMUM

0.014434 Value: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2017/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

74468.7 Value: Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS SULPHIDE 0800 Sample Date: 2017/08 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 0.52128 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2017/02 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **MAXIMUM** Component Type:

Value: M3/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

NOT APPLICABLE 0700 **Control Point ID:** Param Reported As:

Sample Date: 2017/02 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **AVERAGE**

Value: 12.661 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2017/09 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014482 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

0800 **NOT APPLICABLE Control Point ID:** Param Reported As:

Sample Date: 2017/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **MAXIMUM**

Value: 0.01479

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:** Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 **AS SULPHIDE** Param Reported As: Sample Date: 2017/09 Freauency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: 0.4979 Component Type: MINIMUM

Value: Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

631

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

2017/10 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: **MAXIMUM** 0.014191 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. BENZENE C6H6 Parameter Name:

Order No: 21010600151 erisinfo.com | Environmental Risk Information Services

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

MINIMUM

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 44867.1

Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2017/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2017/03 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 0
 Component Type:
 MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2017/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.62196 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5.025 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As: 2017/03 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: 5 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPLICABLE** 0800 Param Reported As:

Sample Date: 2017/12 Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Component Type: Value: 62.605 **AVERAGE** Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:** BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: 2017/03 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

3.406 MINIMUM Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Result Structure: Company Code: 0000130104 MISA MONTHLY REPORTING

Control Point ID: 0700 AS SULPHIDE Param Reported As:

2017/03 Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

AVERAGE

NUM. IN AVERAGE

Order No: 21010600151

Value: 0.042596 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2017/03 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type:

Value: 5

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS NITROGEN Param Reported As: Sample Date: 2017/04 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: NUM. IN AVERAGE Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: 2017/04 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 44.394 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0700 Param Reported As:

MONTHLY Sample Date: 2017/04 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE Value: 30 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

Component Type:

MINIMUM

MAXIMUM

Order No: 21010600151

Control Point ID: 0800 NOT APPLICABLE Param Reported As:

2017/12 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 76782.9 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS PHENOL Param Reported As: Sample Date: 2017/12 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.079025

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2017/04 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE

Value: Component Type: 30 Unit of Measure: KG/D

Control Point Name:

PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

Discharge

Result Structure: 0000130104 MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS NITROGEN Sample Date: **MONTHLY** 2017/05 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2017/05 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.004849 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHENOL Param Reported As: Sample Date: 2017/05 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: Sector:

PETROLEUM REFINERIES Value: 31 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN **MONTHLY** Sample Date: 2017/06 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

AVERAGE Value: 0 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHENOL Param Reported As: 2017/06 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0097896 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

AS PHOSPHORUS **Control Point ID:** 0700 Param Reported As:

Sample Date: 2017/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type:

Component Type:

MAXIMUM

MAXIMUM

Order No: 21010600151

Value: 4.213 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2017/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 5.1547

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0700 Param Reported As: Sample Date: 2017/06 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.038129 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: 2017/07 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 11655 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL MONTHLY Sample Date: 2017/07 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2017/07 Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 0.97621 Component Type: MINIMUM

Unit of Measure: KG/D PLANT - PROCESS EFFLUENT **Control Point Name:**

SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0700 Param Reported As: Sample Date: 2017/07 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.068397 Component Type: **MAXIMUM**

Unit of Measure: KG/D Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NUM. IN AVERAGE

Order No: 21010600151

Control Point ID: 0700 AS SULPHIDE Param Reported As: Frequency: Sample Date: 2017/07 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2017/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.0075233 AVERAGE Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS PHENOL Param Reported As: 2017/08 Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.009662 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHENOL Param Reported As: Sample Date: 2017/08 Frequency: MONTHLY

MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Regulation: MINIMUM Value: 0.00377 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: 0700

Control Point ID: Sample Date: 2017/08

MISA COMPLIANCE Regulation:

Value: 7.267 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Control Point ID: 0700

Sample Date: 2017/08

MISA COMPLIANCE Regulation:

Value: 9.552 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Control Point ID: 0700

Sample Date: 2017/08

Regulation: MISA COMPLIANCE

Value: 3.77

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104

Control Point ID: 0700 Sample Date: 2017/08

Regulation: MISA COMPLIANCE

Value: 2.639 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104

Control Point ID: 0700 2017/08 Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.050869

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/09 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

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MONTHLY

AVERAGE

NOT APPLICABLE

MISA MONTHLY REPORTING

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

Result Structure: Param Reported As: NOT APPLICABLE

Frequency: MONTHLY

PETROLEUM REFINERIES Sector:

Component Type: **MAXIMUM**

Result Structure:

Component Type:

Frequency:

Sector:

Param Reported As:

Result Structure: MISA MONTHLY REPORTING

Param Reported As: **NOT APPLICABLE MONTHLY** Frequency:

PETROLEUM REFINERIES Sector:

Component Type: MINIMUM

MISA MONTHLY REPORTING Result Structure:

Param Reported As: **NOT APPLICABLE**

MONTHLY Frequency:

Sector: PETROLEUM REFINERIES

Component Type: MINIMUM

Result Structure: MISA MONTHLY REPORTING

Param Reported As: AS SULPHIDE **MONTHLY** Frequency:

PETROLEUM REFINERIES Sector:

Component Type:

Order No: 21010600151

AVERAGE Value: 6169.7 Component Type:

M3/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:**

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2017/09 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/09 Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 6.1755 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Frequency: MONTHLY Sample Date: 2017/09

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **MAXIMUM**

Value: 8.535 KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY 2017/09 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.1928 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: 2017/10 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: **AVERAGE** 21.37 Component Type:

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT

CARBON, DISSOLVED ORGANIC

Control Point Name:

Parameter Name:

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL MONTHLY Sample Date: 2017/10 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.003642 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2017/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: Component Type: NUM. IN AVERAGE 4

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2017/10 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **AVERAGE**

Value: 6.033 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON 2017/11 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type:

MINIMUM

Order No: 21010600151

Value: 20.357 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2017/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING **Control Point ID:** 0700 **NOT APPLICABLE** Param Reported As: Sample Date: 2017/11 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

Component Type:

Component Type:

MINIMUM

AVERAGE

MINIMUM

Order No: 21010600151

Value: 3753 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE** Sample Date: 2017/11 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7.388 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: AS CARBON 0700 Param Reported As: 2017/08 Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 13.195 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2017/08 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Value: 9662 Component Type: **MAXIMUM**

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 31 M3/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2017/08 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 3.5773 Component Type: **AVERAGE** KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Frequency: Sample Date: 2017/08 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.066864 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2017/09 Sample Date: **MONTHLY** Frequency:

MISA COMPLIANCE Sector: PETROLEUM REFINERIES Regulation:

Component Type:

MAXIMUM

Order No: 21010600151

Value: 8535

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0700 Param Reported As: Sample Date: 2017/09 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value: 29 KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Frequency: Sample Date: 2017/09 **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/11 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 4.8632 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As: Sample Date: 2017/11 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 4.2916 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As: Frequency: Sample Date: 2017/12 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **MAXIMUM**

Value: 19.892 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: 2017/12 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Value: 31 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE** Sample Date: 2017/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS SULPHIDE 0700 Sample Date: 2017/12 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 0.034811 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: AS PHENOL 2017/01 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.071931 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2017/01Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.51014 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2017/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.3499 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/08 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 5
 Component Type:
 NUM. IN AVERAGE

Value: 5
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 3.77 Component Type: MINIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 31 Component Type: NUM. IN AVERAGE Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2017/08 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **MAXIMUM**

Value: 4.8992 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE

Sample Date: 2017/08 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 5 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN

2017/09 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: **AVERAGE** Component Type:

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0700 AS NITROGEN **Control Point ID:** Param Reported As: Sample Date: 2017/09 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: MINIMUM 0 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2017/09 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 531 Component Type: MINIMUM

M3/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Component Type:

MAXIMUM

Order No: 21010600151

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

Sample Date: 2017/09 MONTHLY Frequency: PETROLEUM REFINERIES Sector:

MISA COMPLIANCE Regulation: Value: 2.4064

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS PHOSPHORUS 0700

Sample Date: 2017/09 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MINIMUM Value: 1.0869 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL Frequency: Sample Date: 2017/10 **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.00926 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: Company Code: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

2017/10 Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 1.6692 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure: 0700 AS PHOSPHORUS

Control Point ID: Param Reported As:

Sample Date: 2017/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MINIMUM Value: 1.1097 Component Type:

Unit of Measure: KG/D Control Point Name:

PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2017/10 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: **MAXIMUM** 8.472 Component Type:

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/10 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 9.26
 Component Type:
 MAXIMUM

Value: 9.26 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE

Sample Date: 2017/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.059304 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/11 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:28Component Type:NUM. IN AVERAGE

Value: 28 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

MINIMUM

Order No: 21010600151

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2017/11
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.003753

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/11 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 14.982
 Component Type:
 MAXIMUM

Value: 14.982 Component Type:
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

Discharge

Company Code: 0000130104

Control Point ID: 0700

Sample Date: 2017/11

Regulation: MISA COMPLIANCE

Value: 4.595 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Result Structure:

Component Type:

Component Type:

Component Type:

Frequency:

Sector:

Param Reported As:

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

NOT APPLICABLE

MONTHLY

MINIMUM

AVERAGE

MAXIMUM

Order No: 21010600151

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2017/02Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.50238

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/03 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name:PLANT - O.T.C.W.Parameter Name:BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 73235.4 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2017/03Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.48874 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE

Sample Date: 2017/03 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MINIMUM

0.43966 Value: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2017/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.012562 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

2017/04 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: MAXIMUM

Value: 72177.7 Component Type: Unit of Measure: M3/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Component Type:

Order No: 21010600151

Control Point ID: 0800 Param Reported As: AS SULPHIDE Frequency: Sample Date: 2017/04 MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: MINIMUM

Value: 0.49333

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014095 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name: TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2017/04 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value: 4 Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2017/08
 Frequency:
 MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 31
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/08 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:9.662Component Type:MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2017/08Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.02639 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2017/09Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: 2017/09 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

<u>Discharge</u>

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS PHENOL Param Reported As: Sample Date: 2017/09 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

AVERAGE

Order No: 21010600151

0.0061697 Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL MONTHLY Sample Date: 2017/09 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.000531 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2017/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: Value: 4 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN Sample Date: MONTHLY 2017/10 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2017/10 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value: 31 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/10 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MINIMUM Value: 4.511 Component Type:

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/10 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 31 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/12 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 4.973 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0800 NOT APPLICABLE **Control Point ID:** Param Reported As:

Frequency: MONTHLY Sample Date: 2017/01

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MINIMUM

Value: 71123.1 M3/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY 2017/01 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014575 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2017/02 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.013955 Component Type: MINIMUM

Unit of Measure: KG/D Control Point Name: PLANT - O.T.C.W.

Parameter Name: BENZENE C6H6

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2017/05 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. **TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING 0000130104 Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE

Sample Date: 2017/06 Frequency: MONTHLY MISA COMPLIANCE PETROLEUM REFINERIES

Regulation: Sector: Value: 0.48176 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0800 Param Reported As: Sample Date: MONTHLY

2017/06 Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type: NUM. IN AVERAGE

Value: 4 Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2017/06 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.014215 Component Type: MAXIMUM

Unit of Measure: KG/D PLANT - O.T.C.W. Control Point Name: **TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN Sample Date: 2017/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As: 2017/01 Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

AVERAGE

AVERAGE

Order No: 21010600151

Component Type:

Component Type:

Value: 8216.9 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2017/01 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5795 Component Type: MINIMUM M3/D

Unit of Measure: **Control Point Name:** PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: AS PHOSPHORUS 0700 Param Reported As:

Sample Date: 2017/01 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2017/01 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 8.8295 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: KG/D Unit of Measure:

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

2017/07 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015056 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: 2017/07 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 4 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2017/07 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.51062 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0800 Param Reported As: Sample Date: 2017/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value: KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Frequency: Sample Date: 2017/10 MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

30.499 **MAXIMUM** Value: Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2017/10 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 2.7188 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

NUM. IN AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date:2017/10Frequency:MONTHLYRegulation:MISA COMPLIANCESector:PETROLEUM REFINERIES

Value: 4
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6.2571 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:RESIDUE,PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5.8457 Component Type: MAXIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2017/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 3.483 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS NITROGEN

 Sample Date:
 2017/11
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2017/11 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **AVERAGE** Component Type:

1.3504 Value:

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0700 AS PHOSPHORUS **Control Point ID:** Param Reported As:

Sample Date: 2017/11 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.42734 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: PHOSPHORUS.UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/04 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 48.546 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2017/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 2.127 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AS SULPHIDE Control Point ID: 0700 Param Reported As:

Sample Date: 2017/04 Freauency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.051975 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS NITROGEN Sample Date: 2017/05 MONTHLY Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: **AVERAGE** 0 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON 2017/05 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **AVERAGE**

Value: 43.883 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL 2017/05 MONTHLY

Sample Date: Frequency: Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0092581 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2017/05 Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 1.1649 **AVERAGE** Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2017/05 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 284.45 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN 2017/06 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 4 Component Type: NUM. IN AVERAGE

Order No: 21010600151

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As: 2017/06 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

Component Type:

MAXIMUM

MAXIMUM

Order No: 21010600151

Value: 9.7024 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS CARBON 0700 Param Reported As: Sample Date: 2017/07 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 45.239 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL Frequency: Sample Date: 2017/07 **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.011655 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: Company Code: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHENOL Param Reported As: 2017/07 MONTHLY Sample Date: Frequency:

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 0.002381 Component Type: MINIMUM

Unit of Measure: KG/D Control Point Name: PLANT - PROCESS EFFLUENT

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure: NOT APPLICABLE 0700

Control Point ID: Param Reported As:

Sample Date: 2017/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MAXIMUM Value: 236.93 Component Type:

Unit of Measure: KG/D Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2017/07 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 2.381 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS SULPHIDE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2017/07 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.051763 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2017/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.044826 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN 2017/08 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As: 2017/08 Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

MAXIMUM

Order No: 21010600151

Value: 26.077

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2017/08 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **AVERAGE** Component Type:

Value: 7523.3 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

Discharge

0000130104 Company Code:

Control Point ID: 0700 Sample Date: 2017/09

Regulation: MISA COMPLIANCE

Value: 18.486 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Sample Date: 2017/09 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Result Structure:

Component Type:

Component Type:

Component Type:

Frequency:

Sector:

Param Reported As:

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

AS CARBON

MONTHLY

AVERAGE

MAXIMUM

MINIMUM

Order No: 21010600151

Value: Unit of Measure: M3/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHENOL Param Reported As: Sample Date: 2017/09 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.008535 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

8.476 Value:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

2017/09 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.531 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2017/09 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:29Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:RESIDUE,PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2017/09Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.043229 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2017/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2017/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2017/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:14.055Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2017/10
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 0.0062571 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.03 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2017/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.031577 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2017/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.5379 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2017/11Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 17.415 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2017/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.0001 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: AS PHOSPHORUS 0700 Param Reported As:

Frequency: Sample Date: 2017/11 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE Value: 5

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/11 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2017/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value: Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: MONTHLY 2017/11 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

AVERAGE

Order No: 21010600151

Value: 0.041229 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2017/11 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.052437 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN Sample Date: 2017/12 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2017/12Frequency:MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5525 Component Type: MAXIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2017/12
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.005525 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/12 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:31Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.8611 Component Type: MINIMUM

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

KG/D

Unit of Measure:

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2017/01 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 0.014225 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING 0000130104 Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: 2017/09 Frequency: MONTHLY Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 12.394 Component Type: MINIMUM

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT** Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2017/09 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value: 4 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2017/09 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type:

MAXIMUM

Order No: 21010600151

Value: 3.9837 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING **Control Point ID:** 0700 AS SULPHIDE Param Reported As: 2017/10 Frequency: Sample Date: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2017/11 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Component Type:

MAXIMUM

AVERAGE

Order No: 21010600151

Value: 26.236 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

2017/11 Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 9481 Component Type: **MAXIMUM** Unit of Measure: M3/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2017/01 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: Component Type: NUM. IN AVERAGE 4

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014386 Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

2017/02 Sample Date: **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014882 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 71768.7 Component Type: AVERAGE Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 69773.9 Component Type: MINIMUM

Unit of Measure: M3/D
Control Point Name: PLANT - O.T.C.W.

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 69820.6 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FLOW

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2017/03Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.062808 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 AS SULPHIDE Param Reported As: Sample Date: 2017/04 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 0.49909 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As: 2017/08 Frequency: Sample Date: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: NUM. IN AVERAGE Component Type:

Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/08 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 3770 Component Type: MINIMUM Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2017/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 1.193 Component Type: Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS PHOSPHORUS 0700

Sample Date: 2017/08 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value: 5 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2017/08 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value: 5 KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE 0700 **Control Point ID:** Param Reported As:

Sample Date: 2017/11 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES MINIMUM Component Type:

Value: 3.753 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2017/11 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.5568 Component Type: **AVERAGE**

Unit of Measure: KG/D **Control Point Name:** PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2017/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 4.9346

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS SULPHIDE Param Reported As:

Sample Date: 2017/12 Freauency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value: 4 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: 0800 Param Reported As: AS PHENOL 2017/01 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.072877 **MAXIMUM** Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2017/02Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

MAXIMUM

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014882 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/05 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 0.015295
 Component Type:
 MAXIMUM

Value:0.015295Component Type:Unit of Measure:KG/D

Unit of Measure: KG/D
Control Point Name: PLANT - O.T.C.W.

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/05 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:72094.6Component Type:AVERAGE

Value: 72094.6 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2017/05Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:NOT APPLICABLESample Date:2017/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MAXIMUM

MAXIMUM

MINIMUM

Order No: 21010600151

Value: 0.014215 Unit of Measure: KG/D

Control Point Name:PLANT - O.T.C.W.Parameter Name:BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.013765Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 68823.8 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

Control Point ID: 0800 Param Reported As: AS SULPHIDE

Sample Date: 2017/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.49754 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013765 Component Type:
Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2017/09Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 23.733 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:4.767Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6.1697 Component Type: AVERAGE

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PLANT - PROCESS EFFLUENT
Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 3.1233 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2017/09Frequency:MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 0.033369
 Component Type:
 MINIMUM

Value: 0.033369 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2017/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

Discharge

0000130104 Company Code:

Control Point ID: 0700

Sample Date: 2017/10

Regulation: MISA COMPLIANCE

Value: 3642 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Result Structure:

Component Type:

Frequency:

Sector:

Param Reported As:

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

Order No: 21010600151

NOT APPLICABLE

MONTHLY

MINIMUM

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2017/10 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value: 31 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2017/10 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **AVERAGE**

Value: 3.5151 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE MONTHLY Sample Date: 2017/10 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

0.042231 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

2017/02 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: 4 Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name:

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS SULPHIDE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2017/03 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

MAXIMUM

Order No: 21010600151

Value: 0.51265 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2017/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: Component Type: NUM. IN AVERAGE 5

KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS SULPHIDE **Control Point ID:** 0800 Param Reported As: 2017/06 MONTHLY Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.4916 **AVERAGE** Component Type:

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN Sample Date: 2017/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON MONTHLY Sample Date: 2017/01 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 22.721 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: Frequency: MONTHLY 2017/01

PETROLEUM REFINERIES MISA COMPLIANCE Sector: Regulation:

Value: 0.98751 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPLICABLE** 0700 Param Reported As:

Sample Date: 2017/01 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7.729 Component Type: MINIMUM

Unit of Measure: KG/D Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Frequency: Sample Date: 2017/07 **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.014101 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2017/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM

AVERAGE

Order No: 21010600151

0.015056 Value: Component Type:

Unit of Measure: KG/D PLANT - O.T.C.W. Control Point Name:

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS SULPHIDE Param Reported As: Sample Date: 2017/01 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.061201 Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As:

Sample Date: 2017/02 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

Component Type:

MINIMUM

MAXIMUM

Order No: 21010600151

Control Point ID: NOT APPLICABLE 0700 Param Reported As: Sample Date: 2017/02 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 3532 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL MONTHLY Sample Date: 2017/02 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.0073118 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2017/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.51767 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY 2017/10 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **AVERAGE**

Value: 0.012716 Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:** Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2017/10 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value: 4

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2017/11 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

AVERAGE Value: 23.888 Component Type:

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2017/11 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0069296 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2017/11 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.009481 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AVERAGE

Order No: 21010600151

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Frequency: MONTHLY Sample Date: 2017/12

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type:

Value: 4.841 KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY 2017/12 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.649 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As: 2017/12 **MONTHLY**

Sample Date: Frequency: MISA COMPLIANCE Sector:

PETROLEUM REFINERIES Regulation:

Value: NUM. IN AVERAGE 4 Component Type:

KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SOLVENT EXTRACTABLES

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2017/01Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2017/01 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/01 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 18.998
 Component Type:
 MAXIMUM

Value: 18.998 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MAXIMUM

Order No: 21010600151

Value: 18.998

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5.795 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:RESIDUE,PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS PHENOL Param Reported As: 2017/07 Frequency: Sample Date: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

Component Type:

Component Type:

MINIMUM

MINIMUM

AVERAGE

Order No: 21010600151

0.070505 Value: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2017/07 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE 4

Value: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: NOT APPLICABLE 0800 Param Reported As:

2017/07 Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.014101

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2017/08 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: 5

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2017/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 26.039

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2017/02 Sample Date: **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Frequency: Sample Date: 2017/09 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

71128.1 MINIMUM Value: Component Type: Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2017/10 **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

MAXIMUM

Order No: 21010600151

Value: 70953.2 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0700 Param Reported As: Sample Date: 2017/02 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.053267 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AS SULPHIDE **Control Point ID:** 0700 Param Reported As: Frequency: Sample Date: 2017/02 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.064694 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/10 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.014191 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. **TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As: Sample Date: 2017/10 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 0.0089734 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0800 NOT APPLICABLE **Control Point ID:** Param Reported As:

2017/10 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2017/11 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **AVERAGE**

Value: 0.014868 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2017/02 Frequency: MONTHLY

Regulation: PETROLEUM REFINERIES MISA COMPLIANCE Sector:

MINIMUM

Order No: 21010600151

0.042511 Value: Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: 0700 AS CARBON Sample Date: 2017/03 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **AVERAGE**

Value: 23 844 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON 2017/03 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value: 5 KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHENOL 0700 **Control Point ID:** Param Reported As: Sample Date: 2017/03 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.003406 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2017/03 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.19197 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AS PHOSPHORUS **Control Point ID:** 0700 Param Reported As:

Sample Date: 2017/03 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE Component Type:

Value: 5

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2017/03 Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 6.0852 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: 0800 Param Reported As: AS SULPHIDE 2017/10 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: MINIMUM 0.31407 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2017/11 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014206 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2017/11 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015411 Component Type: MAXIMUM

Unit of Measure: KG/D **Control Point Name:** PLANT - O.T.C.W.

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON 2017/04 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MAXIMUM

Order No: 21010600151

Value: 65.826 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

NOT APPLICABLE 0800 **Control Point ID:** Param Reported As:

Sample Date: 2017/12 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **MAXIMUM**

79025.5 Value: Unit of Measure: M3/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE 2017/12 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.55318 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 **AS SULPHIDE** Param Reported As: 2017/12 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0800 Param Reported As: Sample Date: 2017/01 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.071124 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Frequency: Sample Date: 2017/02 **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **MAXIMUM**

74408.6 Value: Component Type: Unit of Measure: M3/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Result Structure: Company Code: 0000130104 MISA MONTHLY REPORTING

Control Point ID: 0800 NOT APPLICABLE Param Reported As:

MONTHLY 2017/02 Sample Date: Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Component Type:

MINIMUM

Order No: 21010600151

Value: 0.013955 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2017/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

0.014647 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D Control Point Name: PLANT - O.T.C.W.

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS SULPHIDE Param Reported As: Sample Date: 2017/03 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:70475.4Component Type:MINIMUMUnit of Measure:M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 74338.7 Component Type: AVERAGE

Unit of Measure: M3/D
Control Point Name: PLANT - O.T.C.W.

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2017/11
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.074339 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

MAXIMUM

Order No: 21010600151

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2017/11
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.077058

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

 Value:
 31
 Component Type:
 NUM. IN AVERAGE

 Unit of Measure:
 KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

Discharge

Result Structure: 0000130104 MISA MONTHLY REPORTING Company Code:

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: MONTHLY 2017/04 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.0080599 Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2017/04 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS PHENOL Param Reported As: Sample Date: 2017/12 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name:

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE MONTHLY Sample Date: 2017/04 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

0.066952 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As: 2017/05 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 57.229 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2017/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

4849 Value: Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2017/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Sample Date: 2017/04 MONTHLY Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 9.9335 **AVERAGE** Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2017/04 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

MISA Industrial Wastewater

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/05 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 9258.1 Component Type: **AVERAGE** Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: Frequency: MONTHLY 2017/05

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Order No: 21010600151

Value: 12810 Component Type: **MAXIMUM**

Unit of Measure: M3/D **PLANT - PROCESS EFFLUENT Control Point Name:**

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2017/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.69853 Component Type: MINIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:14.751Component Type:AVERAGEUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS CARBON

 Sample Date:
 2017/06
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Component Type:

AVERAGE

MINIMUM

Order No: 21010600151

Value: 50.596

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1930 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS SULPHIDE

 Sample Date:
 2017/05
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.50466 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

Component Type:

MAXIMUM

MAXIMUM

Order No: 21010600151

Control Point ID: NOT APPLICABLE 0800 Param Reported As: Sample Date: 2017/06 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

71077.4 Value: Unit of Measure: M3/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL MONTHLY Sample Date: 2017/06 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.071077 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2017/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: MONTHLY 2017/01 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 36.02 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON 2017/01 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/05 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MINIMUM Value: 16.832 Component Type:

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2017/05 Frequency: Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 121.91 Component Type: **MAXIMUM**

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

KG/D

MISA Industrial Wastewater

Discharge

Unit of Measure:

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

Component Type:

AVERAGE

NUM. IN AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/06 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 9789.6

Unit of Measure: M3/D **Control Point Name: PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Frequency: MONTHLY Sample Date: 2017/06

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: Component Type: **MAXIMUM**

Value: 17819 M3/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2017/06 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 30 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHOSPHORUS **Control Point ID:** 0700 Param Reported As:

Sample Date: 2017/06 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: Component Type: NUM. IN AVERAGE 4

KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2017/06 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **MAXIMUM**

Value: 45.48

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 128.38 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0700 Param Reported As: Sample Date: 2017/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.00193 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2017/06 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type:

NUM. IN AVERAGE

Order No: 21010600151

Value: 30 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2017/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING **Control Point ID:** 0700 2017/07 Sample Date:

MISA COMPLIANCE Regulation:

Value: 33.221 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 **Control Point ID:** 0700

Sample Date: 2017/07

Regulation: MISA COMPLIANCE

Value: 7.99 KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Control Point ID: 0700

2017/07 Sample Date:

Regulation: MISA COMPLIANCE

Value: 4.762 KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Control Point ID: 0700

Sample Date: 2017/07

Regulation: MISA COMPLIANCE

Value: 6.8224 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104

Control Point ID: 0700 Sample Date: 2017/08

Regulation: MISA COMPLIANCE

Value: 0.22413

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

0000130104 Company Code:

Control Point ID: 0700 2017/01 Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.005795 Unit of Measure: KG/D

AS CARBON Param Reported As: MONTHLY Frequency:

PETROLEUM REFINERIES

MINIMUM Component Type:

Sector:

Result Structure: MISA MONTHLY REPORTING

Param Reported As: **NOT APPLICABLE**

MONTHLY Frequency:

Sector: PETROLEUM REFINERIES

Component Type: **AVERAGE**

MISA MONTHLY REPORTING Result Structure: NOT APPLICABLE Param Reported As:

Frequency: **MONTHLY**

PETROLEUM REFINERIES Sector:

Component Type: MINIMUM

MISA MONTHLY REPORTING Result Structure:

NOT APPLICABLE Param Reported As:

Frequency: MONTHLY

PETROLEUM REFINERIES Sector:

Component Type: **MAXIMUM**

Result Structure: MISA MONTHLY REPORTING

Param Reported As: AS NITROGEN Frequency: **MONTHLY**

Sector: PETROLEUM REFINERIES

MAXIMUM Component Type:

MISA MONTHLY REPORTING Result Structure:

Order No: 21010600151

Param Reported As: AS PHENOL Frequency: **MONTHLY**

Sector: PETROLEUM REFINERIES

Component Type: MINIMUM Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 13.369 Component Type: AVERAGE

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFL

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Component Type:

MAXIMUM

AVERAGE

Order No: 21010600151

Value: 75279.7

Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2017/07Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.49354 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014589

Unit of Measure: KG/D

Control Point Name:PLANT - O.T.C.W.Parameter Name:TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2017/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.014894Component Type:AVERAGEUnit of Measure:KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As: Sample Date: 2017/08 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector: Component Type: **MAXIMUM**

Value: 0.015256 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 NOT APPLICABLE Param Reported As:

2017/08 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES MAXIMUM 76280.7 Component Type:

Value: Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2017/08 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.074469 Value: Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2017/08 Frequency: MONTHLY

Regulation: PETROLEUM REFINERIES MISA COMPLIANCE Sector: NUM. IN AVERAGE Value: 5 Component Type:

KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS SULPHIDE 0700 Sample Date: 2017/01 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE

Value: 4 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS CARBON 2017/02 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **MAXIMUM** Component Type:

36.044 Value: KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHENOL 0700 **Control Point ID:** Param Reported As: Sample Date: 2017/02 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 28 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2017/02 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.4337 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AS SULPHIDE **Control Point ID:** 0800 Param Reported As: Sample Date: 2017/08 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: **MAXIMUM** Component Type:

Value: 0.53397 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2017/08 Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.014894 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. **TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

696

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

2017/09 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: MINIMUM 0.014226 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. BENZENE C6H6 Parameter Name:

> Order No: 21010600151 erisinfo.com | Environmental Risk Information Services

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2017/09 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL 2017/09

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES MINIMUM Component Type:

Value: 0.071128 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE 2017/09 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.50689 **AVERAGE** Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2017/09 MONTHLY Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES Value: 4 NUM. IN AVERAGE Component Type:

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:** Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2017/10 Frequency: **MONTHLY** Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 63579.2 Component Type: **AVERAGE** Unit of Measure: M3/D

MISA Industrial Wastewater **Discharge**

Control Point Name:

Parameter Name:

PLANT - O.T.C.W.

FLOW

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:NOT APPLICABLESample Date:2017/07Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Component Type:

AVERAGE

MAXIMUM

Order No: 21010600151

Value: 8050.2 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2017/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.2714 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2017/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 3.2733 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 9.771 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 24.403 Component Type: AVERAGE

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PLANT - PROCESS EFFLUENT
PROCESS EFFLUENT
RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2017/07Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.016667 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

 Value:
 3.0699
 Component Type:
 MINIMUM

 Unit of Measure:
 KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: 2017/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 16.752 Component Type: MINIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

MINIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 3406

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2017/03 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:31Component Type:NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2017/03
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0056113 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

Discharge

Result Structure: 0000130104 MISA MONTHLY REPORTING Company Code:

Component Type:

MAXIMUM

Order No: 21010600151

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2017/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.49667 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2017/10 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: NUM. IN AVERAGE Component Type:

Value: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2017/11 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **MAXIMUM**

Value: 0.015411 Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL **MONTHLY** Sample Date: 2017/11 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS. UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **AS SULPHIDE** 0800 Param Reported As: Sample Date: 2017/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS SULPHIDE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2017/03 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MAXIMUM

Value: 0.051779 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2017/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 8059.9 M3/D Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

Order No: 21010600151

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

2017/04 MONTHLY Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: **MAXIMUM**

Value: 11157

Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL MONTHLY Frequency: Sample Date: 2017/04

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.011157 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL MONTHLY Sample Date: 2017/04 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.002127 Component Type: MINIMUM

Unit of Measure: KG/D PLANT - PROCESS EFFLUENT **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: Frequency: MONTHLY 2017/04

PETROLEUM REFINERIES MISA COMPLIANCE Sector: Regulation:

Value: 1.4517 Component Type: **AVERAGE**

Unit of Measure: KG/D PLANT - PROCESS EFFLUENT **Control Point Name:**

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHOSPHORUS 0700 Param Reported As:

Sample Date: 2017/04 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 2.1191 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

Component Type:

Database:

Order No: 21010600151

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Frequency: Sample Date: 2017/12 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES MINIMUM

Value: 0.01537 Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:** Parameter Name: BENZENE C6H6

MISA Industrial Wastewater **Discharge**

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2017/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **AVERAGE**

284.51 Value: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. **TOLUENE C7H8** Parameter Name:

PETRO-CANADA LUBRICANTS INC. Site: MISSISSAUGA ON

Company Code: 0000130104 Sector:

Works ID: Region: District: SIC: SIC1: UTM Zone: SIC1 Desc: **UTM Easting:** SIC2:

UTM Northing: UTM Precision: SIC2 Desc: SIC3: Minor Basin: SIC3 Desc: Major Basin:

Body of Water: Report Year: 2014

Terminal Stream: SIC Desc: Mailing Address: Corp Address:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2014/09 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.050652 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2014/09 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Value: Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: **NOT APPLICABLE** 0800 Param Reported As:

MONTHLY Sample Date: 2014/12 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 74240.7 **MAXIMUM** Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0800 Param Reported As:

Sample Date: 2014/12 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.013949 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Frequency: 2014/11 MONTHLY Sample Date:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

26.943 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2014/11 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 3.2276 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

Sample Date: 2014/02 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 0.85637 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0700 NOT APPLICABLE **Control Point ID:** Param Reported As:

2014/02 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2014/11 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 70564.1 Component Type: **AVERAGE** Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2014/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 72792.2 Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: **NOT APPLICABLE** 0800

Sample Date: Frequency: **MONTHLY** 2014/11

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 4 NUM. IN AVERAGE Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2014/10 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value: 31 M3/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0700 AS PHOSPHORUS **Control Point ID:** Param Reported As:

Sample Date: 2014/09 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.6967 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: PHOSPHORUS.UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/09 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 30 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

0700 AS PHOSPHORUS **Control Point ID:** Param Reported As:

Sample Date: 2014/09 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **MAXIMUM**

Value: 2.3833

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2014/09 Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 6.9333 Component Type: **AVERAGE**

Unit of Measure: KG/D Control Point Name: PLANT - PROCESS EFFLUENT

RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

705

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2014/09 MONTHLY Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: **AVERAGE** 4.1502 Component Type:

Unit of Measure: KG/D **Control Point Name:** PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 71363.9 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 69745.6 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 3.869 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2014/12Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 5.308 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As: 2014/02 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Component Type:

Component Type:

MINIMUM

MAXIMUM

Order No: 21010600151

Value: 2.436 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPLICABLE** 0800 Param Reported As:

Sample Date: 2014/11 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MAXIMUM Value: 0.014559 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2014/11 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure: KG/D PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: Company Code: MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As:

2014/09 Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 32.319

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2014/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

0.005261 MINIMUM Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS SULPHIDE Param Reported As: Sample Date: 2014/02 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: MINIMUM 0.47227 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.02055 Component Type: AVERAGE

Unit of Measure: KG/D
Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013395 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

MINIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4709 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/01 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:31Component Type:NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/01
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.011476 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY 2014/04 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.014012 Component Type: **AVERAGE**

Unit of Measure: KG/D PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: NOT APPLICABLE 0800 Param Reported As:

Sample Date: 2014/04 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.014177 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS PHENOL Param Reported As:

Sample Date: 2014/04 Frequency: **MONTHLY** MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.070059 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL **MONTHLY** Sample Date: 2014/04 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MINIMUM 0.06948 Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

PHENOLICS. UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **AS SULPHIDE** Param Reported As: 2014/02 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: 4

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT** Control Point Name:

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

AS PHOSPHORUS **Control Point ID:** 0700 Param Reported As:

Sample Date: 2014/02 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014688 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 73441 Component Type: MAXIMUM

Unit of Measure: M3/D
Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/03
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.066972 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.013672Component Type:AVERAGEUnit of Measure:KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS NITROGEN

 Sample Date:
 2014/05
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2014/05 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 11890 **MAXIMUM** Component Type:

Unit of Measure: M3/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

Sample Date: 2014/05 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 2.1112 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2014/05 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS CARBON Param Reported As: Sample Date: 2014/01 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

MINIMUM

Order No: 21010600151

Value: 24.23 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

Sample Date: 2014/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:NOT APPLICABLESample Date:2014/05Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2014/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.005 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/08 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2014/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES
Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5.8992 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: Component Type: NUM. IN AVERAGE

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2014/10 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 31 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2014/12 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value: 5 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AVERAGE

Order No: 21010600151

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Frequency: Sample Date: 2014/12 MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: Component Type:

Value: 5.7276

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2014/12 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.724 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2014/12 Frequency: MONTHLY MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Regulation: Value:

MINIMUM 3.976 Component Type:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

KG/D

Unit of Measure:

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2014/12 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2014/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: 4

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0800 Param Reported As:

Sample Date: 2014/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: NUM. IN AVERAGE Component Type: 4

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2014/09 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.014862 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

AVERAGE

Order No: 21010600151

Value: 7.3764 Component Type:

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT Control Point Name:** Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING **Control Point ID:** 0700 **NOT APPLICABLE** Param Reported As: 2014/03 Frequency: Sample Date: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

Component Type:

AVERAGE

MINIMUM

Order No: 21010600151

6.3088 Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2014/03 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 12.266 Component Type: MAXIMUM

Unit of Measure: KG/D **Control Point Name: PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: **NOT APPLICABLE** 0700 Param Reported As:

2014/03 Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0700 Param Reported As: Sample Date: 2014/03 MONTHLY Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.015295 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2014/03 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: NUM. IN AVERAGE Component Type:

Value: KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:**

KG/D

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2014/07 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 3.328 Component Type: **AVERAGE**

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2014/07Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.041294 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2014/07Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013657 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/09 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013298 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 68081.1 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 AS PHENOL Param Reported As: Sample Date: 2014/01 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector:

Value: 0.066491 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 NOT APPLICABLE Param Reported As:

2014/10 Frequency: Sample Date: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type: 31

Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/01 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 40.236 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2014/09 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE Value: 4 Component Type:

KG/D Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: **NOT APPLICABLE** 0800

Sample Date: 2014/02 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

73862.3 Value: **MAXIMUM** Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2014/04 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: MINIMUM Component Type:

Value: 6.63

KG/D Unit of Measure: Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0700 AS SULPHIDE **Control Point ID:** Param Reported As: Sample Date: 2014/04 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.085274 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/05 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014421 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

0800 AS SULPHIDE **Control Point ID:** Param Reported As: Sample Date: 2014/06 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.48339 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2014/11 Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: 30 Component Type: NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL 2014/11 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: NUM. IN AVERAGE 30 Component Type:

Order No: 21010600151

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

PHENOLICS. UNFILTERED REACTIVE Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:6405.5Component Type:AVERAGEUnit of Measure:M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2436 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM

Order No: 21010600151

Value: 5.942 Component Type:

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5.427 Component Type: MINIMUM

Control Point Name: PLANT - PROCESS EFFLUENT

KG/D

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Unit of Measure:

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014273 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 AS SULPHIDE Param Reported As: 2014/12 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.48822 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0800 Param Reported As: Sample Date: 2014/12 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Value: 5 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2014/12 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

AVERAGE Value: 0.014273 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Result Structure: Company Code: 0000130104 MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As:

Sample Date: 2014/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: MINIMUM

Value: 14.528 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2014/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MINIMUM Value: 2.9387 Component Type:

Unit of Measure: KG/D Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As: Sample Date: 2014/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

MINIMUM Value: 10.42 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: 2014/02 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **AVERAGE**

Value: 0.020596 Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

MONTHLY Sample Date: 2014/02 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

6.4055 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 NOT APPLICABLE Param Reported As:

2014/02 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

Component Type:

MAXIMUM

AVERAGE

Order No: 21010600151

Value: 7.1732 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2014/08 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 3.792 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Frequency: Sample Date: 2014/11 MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

0.070564 Value: **AVERAGE** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

Discharge

Result Structure: 0000130104 MISA MONTHLY REPORTING Company Code:

AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: MONTHLY 2014/09 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0074805 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: NOT APPLICABLE 0800 Param Reported As:

Sample Date: 2014/03 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.013672 **AVERAGE** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS NITROGEN Param Reported As:

Sample Date: 2014/01 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 0 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MINIMUM 69479.4 Value: Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As: 2014/03 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE

Value: 4 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2014/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM

Order No: 21010600151

Value: 68125 Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6688 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2014/05Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015722 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS CARBON

 Sample Date:
 2014/06
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 17.68 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPLICABLE** 0700 Param Reported As:

Sample Date: 2014/06 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: Component Type: NUM. IN AVERAGE

M3/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHENOL Param Reported As:

Frequency: Sample Date: 2014/06 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 30 KG/D

Unit of Measure: **Control Point Name: PLANT - PROCESS EFFLUENT**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2014/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 9243 Component Type:

Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

2014/07 Frequency: Sample Date: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

MINIMUM

Order No: 21010600151

Value: 1951 Unit of Measure: M3/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

Sample Date: 2014/07 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

AVERAGE Value: 1.8685 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2014/07 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7.957 Component Type: MAXIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/05 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:31Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2014/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

AVERAGE

Order No: 21010600151

Value: 1.6361

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2014/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.64951 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.0943 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:SOLVENT EXTRACTABLES

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2014/12Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 8844 Component Type: MAXIMUM

Unit of Measure: M3/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/09Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.52018 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014279 Component Type: MAXIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/08Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 0.48453 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2014/07 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **MAXIMUM**

Value: 4.8538

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING 0000130104 Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: 2014/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: 4 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2014/08 Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type: NUM. IN AVERAGE

Value: 31 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2014/08 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 1.6554 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2014/01 Frequency:

MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector:

Value: 0.014534 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date:2014/01Frequency:MONTHLYRegulation:MISA COMPLIANCESector:PETROLEUM REFINERIES

Regulation:MISA COMPLIANCESector:PETROLEValue:66490.8Component Type:MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2014/01Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.068081 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014534 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Component Type:

MINIMUM

MAXIMUM

Order No: 21010600151

Value: 3.1133

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 50.13

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014081 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014108 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/09
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.076873 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/09
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.070541 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2014/02Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.073862 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID:0700Param Reported As:AS CARBONSample Date:2014/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 65.783 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2014/04 Frequency: **MONTHLY** MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector:

Value: 9414.9

Unit of Measure: M3/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 NOT APPLICABLE Param Reported As:

Frequency: 2014/04 Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **MAXIMUM** Component Type:

Value: 7.0656 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2014/06 Sample Date: **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014562 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2014/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

72809.1 **AVERAGE** Value: Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2014/06 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

69056.3 Value: MINIMUM Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2014/06 MONTHLY Sample Date: Frequency:

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Value: 4
Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/06
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.075393 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.52775 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0138 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.011044 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/10
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.069002 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2014/08 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

4.9955 MAXIMUM Value: Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 2.3174 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2014/08 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.041594 MINIMUM Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As: Sample Date: 2014/10 MONTHLY

Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES Value: NUM. IN AVERAGE 5 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2014/09 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 3.5974 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Component Type:

MINIMUM

Order No: 21010600151

Control Point ID: 0700 AS SULPHIDE Param Reported As: 2014/09 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.044968 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPLICABLE** 0800 Param Reported As:

Sample Date: 2014/12 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MINIMUM Value: 0.013949 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2014/12 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.074241 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Result Structure: Company Code: 0000130104 MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As:

Sample Date: 2014/11 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type: NUM. IN AVERAGE

Value: 4 Unit of Measure:

KG/D Control Point Name: **PLANT - PROCESS EFFLUENT**

CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2014/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MINIMUM Value: 6.918 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2014/11 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2014/11 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value: 30 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

MONTHLY Sample Date: 2014/11 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 3.4102 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2014/11 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.061208 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS NITROGEN Control Point ID: 0700 Param Reported As: Sample Date: 2014/12 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **AVERAGE**

Value: 0

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2014/02 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 1.115 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/02 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:28Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:RESIDUE,PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013852 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2014/09Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 18.63 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MINIMUM

Order No: 21010600151

Value: 5261

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/03 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Value: 4
Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/12 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2014/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2014/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 21.394 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

MAXIMUM

MINIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 11476 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7616 Component Type:
Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/01
 Frequency:
 MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 31
 Component Type:
 NUM. IN AVERAGE

Value: 31 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2014/02Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.043589 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2014/03Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS CARBON

 Sample Date:
 2014/03
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 19.084 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2014/03Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MINIMUM

Order No: 21010600151

Value: 6.992

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/07Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MINIMUM

Order No: 21010600151

Value: 0.47687

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013956 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/07 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014097 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014279 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/03
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.068359 **AVERAGE** Value: Component Type:

KG/D Unit of Measure:

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2014/03 Sample Date: **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2014/05 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As: Frequency: MONTHLY Sample Date: 2014/05

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: MINIMUM

Value: 24.813 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS PHENOL

MONTHLY 2014/05 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.008694 Value: Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2014/05 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.01189 **MAXIMUM** Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: PHENOLICS, UNFILTERED REACTIVE

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2014/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.7199 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:8.9334Component Type:AVERAGEUnit of Measure:KG/D

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 70405.3 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2014/06Frequency:MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 0
 Component Type:
 MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 AS CARBON Param Reported As: 2014/06 Frequency: MONTHLY Sample Date:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2014/06 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE Value: Component Type: 4

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: AS NITROGEN 0700 Param Reported As: 2014/07 Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE Sector: PETROLEUM REFINERIES Regulation:

Value: 0.34754 Component Type: **MAXIMUM**

KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

Component Type:

MAXIMUM

MINIMUM

Order No: 21010600151

Control Point ID: AS PHOSPHORUS 0700 Param Reported As:

Sample Date: 2014/07 MONTHLY Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 2.8125 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6.688

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2014/05 Sample Date: **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.3404 Component Type: **AVERAGE**

KG/D

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:4.6705Component Type:MAXIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:RESIDUE,PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/10
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0076068 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2014/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.93946 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2014/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.98996Component Type:AVERAGEUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2014/12 Frequency: **MONTHLY** MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector:

Value: 6.3152

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 NOT APPLICABLE Param Reported As:

Frequency: 2014/12 Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **AVERAGE**

Value: 3.0269

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/12 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Value: 5 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2014/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES MINIMUM Component Type:

Value: 2185 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS SULPHIDE 0800 Sample Date: 2014/09 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

0.53811 Value: Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE 2014/09 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.49379 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 8.407 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/08Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.49977 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/08Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS NITROGEN

 Sample Date:
 2014/08
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2014/08Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Order No: 21010600151

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/08
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.007367 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: 2014/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.005427 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013616 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/01 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 4.709 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 AS SULPHIDE Param Reported As: Sample Date: 2014/10 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

MAXIMUM

Order No: 21010600151

Value: 0.064246 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPLICABLE** 0700 Param Reported As:

Sample Date: 2014/01 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type: MINIMUM Value: 7.616

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Frequency: Sample Date: 2014/01 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE 5 Component Type:

Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: Company Code: MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As:

2014/02 Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **MAXIMUM**

Value: 35.885 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2014/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

74310.9 **AVERAGE** Value: Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2014/02 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: NUM. IN AVERAGE Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 12182 Component Type: MAXIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: 2014/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.012182 Component Type: MAXIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/04
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.005845 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 9.4149 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013777 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.013811Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2014/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.072809 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE

Sample Date: 2014/06 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

AVERAGE

Order No: 21010600151

Value: 7450.2

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/11 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 3869
 Component Type:
 MINIMUM

Value: 3869 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: 2014/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MINIMUM

Order No: 21010600151

Value: 0.003869

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2014/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.5971 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2014/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/05Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.49284 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:75124.4Component Type:MAXIMUMUnit of Measure:M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 30 Component Type: NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2014/08 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 7.5646 **AVERAGE** Component Type: Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2014/08 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE Component Type:

Value: 30 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2014/08 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.051581 Value: Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

MAXIMUM

Order No: 21010600151

Control Point ID: 0700 AS SULPHIDE Param Reported As: 2014/08 Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.059269 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS PHENOL Param Reported As: Sample Date: 2014/10 Frequency: MONTHLY

MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Regulation: MINIMUM Value: 0.05522 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MAXIMUM

Order No: 21010600151

Value: 0.52587

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5.261 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/12
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.069746 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014848 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 8.744 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/02
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.074392 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL 2014/02 Sample Date: **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 28 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/02 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **MAXIMUM**

Value: 23.391 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Frequency: MONTHLY Sample Date: 2014/02

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **MAXIMUM**

Value: 8.316 KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater **Discharge**

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS NITROGEN

MONTHLY 2014/09 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.16702 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

NOT APPLICABLE Control Point ID: 0700 Param Reported As: 2014/09 MONTHLY

Sample Date: Frequency: MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 6933.3 **AVERAGE** Component Type:

M3/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL **MONTHLY** Sample Date: 2014/09 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: 2014/09 Frequency: MONTHLY MISA COMPLIANCE PETROLEUM REFINERIES

Regulation: Sector:

Value: 0.016574 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0800 Param Reported As: Sample Date: 2014/02 Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.48922 **AVERAGE** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE 2014/02 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2014/03 Frequency:

MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector:

Value: 0.014128 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/01
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM

AVERAGE

Order No: 21010600151

Component Type:

Value: 0.007616 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2014/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.070881 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2014/04Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Value: 5
Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.49042 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014398 Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013896 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.6255 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 69780.8 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/03Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.46881 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 8694 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value:31Component Type:NUM. IN AVERAGEUnit of Measure:M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PLANT - PROCESS EFFLUENT FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/05
 Frequency:
 MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 31
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2014/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.7298 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 9.725 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/05 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 7.413
 Component Type:
 MINIMUM

Value: 7.413 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS NITROGEN

 Sample Date:
 2014/01
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID:0700Param Reported As:AS CARBONSample Date:2014/01Frequency:MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **MAXIMUM** Component Type:

172.14 Value: KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0700 AS SULPHIDE **Control Point ID:** Param Reported As: Sample Date: 2014/05 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.060543 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN Sample Date: 2014/06 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2014/06 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 21.822

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AS CARBON Control Point ID: 0700 Param Reported As: Sample Date: 2014/06 Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 30.481 Component Type: **MAXIMUM**

Unit of Measure: KG/D PLANT - PROCESS EFFLUENT Control Point Name:

CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2014/06 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: **AVERAGE** Component Type:

Value: 6710.9 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2014/06 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: MINIMUM

Value: 5000 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2014/06 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.7452 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2014/06 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 2.2607 MINIMUM Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS PHENOL Param Reported As: Sample Date: 2014/08 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.070484 **AVERAGE** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN 2014/07 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: n Component Type: MINIMUM

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 AS CARBON Param Reported As: Sample Date: 2014/07 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

Component Type:

MAXIMUM

MINIMUM

Order No: 21010600151

Value: 31.032 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS PHENOL 0700 Sample Date: 2014/07 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type: Value: 0.0066687 **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL Frequency: Sample Date: 2014/07 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE 31

Value: Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: Company Code: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

2014/07 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.59115 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2014/07 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE Component Type:

Value: 5 KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS CARBON Param Reported As: Sample Date: 2014/12 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

20.699 Value: **AVERAGE** Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS SULPHIDE **Control Point ID:** 0800 Param Reported As: Sample Date: 2014/11 **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES

Regulation: Sector: Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0700 Param Reported As:

MONTHLY Sample Date: 2014/10 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.009654 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2014/10 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: 5 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2014/12 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

MAXIMUM

Order No: 21010600151

Value: 8466

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL 2014/12 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Value: Component Type: 31

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

Discharge

Result Structure: 0000130104 MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: MONTHLY Frequency: 2014/12

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Sample Date: 2014/12 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 4.5057 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2014/03 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 6462.9 Component Type: **AVERAGE**

Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: FI OW

MISA Industrial Wastewater **Discharge**

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

NUM. IN AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

2014/10 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 5.462 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2014/03 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

MINIMUM

Order No: 21010600151

0.85215 Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2014/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS NITROGEN 0700 Param Reported As: 2014/04 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: **AVERAGE** 0 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN 2014/04 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value: 5 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/08 Frequency: MONTHLY

Regulation: PETROLEUM REFINERIES MISA COMPLIANCE Sector:

Value: 0.014097 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/07 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Sector: Regulation:

Value: 31 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2014/07 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.0926 Component Type: MINIMUM

Unit of Measure: KG/D Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2014/08 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

0.013843 Component Type: MINIMUM Value:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2014/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: Λ Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2014/08 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MAXIMUM

Order No: 21010600151

Value: 10276 Component Type: Unit of Measure: M3/D

Control Point Name:

PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2014/08 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 1.1562 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS NITROGEN Param Reported As: Frequency: Sample Date: 2014/08 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

AVERAGE

Order No: 21010600151

Value: 0

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/01 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE

Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2014/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.46544 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: MONTHLY 2014/10 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN 2014/11 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.12924 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/01 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

AVERAGE Value: 10.55 Component Type:

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/01 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 8.1005 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2014/01 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.080332 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS NITROGEN Control Point ID: 0700 Param Reported As: 2014/02 Frequency: Sample Date: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.064898 Component Type: Value: **AVERAGE**

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS NITROGEN MONTHLY 2014/02 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.25959 Component Type: **MAXIMUM**

Unit of Measure: KG/D **Control Point Name: PLANT - PROCESS EFFLUENT**

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

AS NITROGEN **Control Point ID:** 0700 Param Reported As: Sample Date: 2014/02 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: MINIMUM 0 Component Type:

KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2014/11Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 70541.2 Component Type: MINIMUM Unit of Measure: M3/D

Unit of Measure: M3/D
Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5.845 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As: 2014/06

Frequency: Sample Date: MONTHLY MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

75392.6 Value:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

MAXIMUM

MAXIMUM

AVERAGE

Order No: 21010600151

Component Type:

Component Type:

Component Type:

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2014/06 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE

Value: 4 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: **NOT APPLICABLE** 0800 Param Reported As:

2014/06 Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.014562 Component Type: **AVERAGE**

KG/D Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2014/11 MONTHLY Frequency:

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 0.014559

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 9306.9 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL 2014/01 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0093069 Component Type: **AVERAGE**

Unit of Measure: KG/D Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2014/02Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.029176 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2014/12Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/07Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.48847 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2014/05 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:14.596Component Type:MAXIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2014/05 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **MAXIMUM** Component Type:

Value: 14.844 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 NOT APPLICABLE Param Reported As:

2014/05 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 68881.7 Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2014/05 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.055304 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2014/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MAXIMUM

Order No: 21010600151

Value: 9729 Unit of Measure: M3/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS PHENOL 0700 Sample Date: 2014/06 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.0067109 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL 2014/06 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.009729 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 70484.4 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2014/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.044793 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/07
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.001951 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: 2014/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.069258 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/11 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:0.014113Component Type:AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

Discharge

Company Code: 0000130104

Control Point ID: 0700 2014/06 Sample Date:

Regulation: MISA COMPLIANCE

Value: 7 121

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 **Control Point ID:** 0700

Sample Date: 2014/06

Regulation: MISA COMPLIANCE

Value: 8.467 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code:

Control Point ID: 0700 Sample Date: 2014/06

Regulation: MISA COMPLIANCE

Value: 9.729

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104

Control Point ID: 0700 Sample Date: 2014/12

MISA COMPLIANCE Regulation:

Value: 14.309 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 **Control Point ID:** 0700

2014/12 Sample Date:

Regulation: MISA COMPLIANCE

Value: 3976

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Result Structure: MISA MONTHLY REPORTING

Param Reported As: NOT APPLICABLE

Frequency: MONTHLY

Sector: PETROLEUM REFINERIES

Component Type: **AVERAGE**

Result Structure: MISA MONTHLY REPORTING

Param Reported As: NOT APPLICABLE

Frequency: MONTHLY

Sector: PETROLEUM REFINERIES

Component Type: MAXIMUM

MISA MONTHLY REPORTING Result Structure:

Param Reported As: **NOT APPLICABLE**

Frequency: MONTHLY

PETROLEUM REFINERIES Sector:

MAXIMUM Component Type:

Result Structure: MISA MONTHLY REPORTING

AS CARBON Param Reported As: MONTHLY Frequency:

PETROLEUM REFINERIES Sector:

MINIMUM Component Type:

Result Structure: MISA MONTHLY REPORTING

Param Reported As: NOT APPLICABLE

Frequency: MONTHLY

Sector: PETROLEUM REFINERIES

Order No: 21010600151

Component Type: MINIMUM

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Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2014/12Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.003976 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 11.21 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2014/12Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.040093 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL

Sample Date: 2014/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

 Value:
 0.008844
 Component Type:
 MAXIMUM

 Unit of Measure:
 KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2014/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.54844 Component Type: MINIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROC

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 2.185 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/03 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Value: 4
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.792 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2014/03Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.044161 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2014/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2014/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 0 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

Discharge

Result Structure: 0000130104 MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 Param Reported As: AS PHENOL Sample Date: MONTHLY 2014/08 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.069218 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Sample Date: 2014/08 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 7367 **AVERAGE** Component Type:

Unit of Measure: M3/D Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2014/08 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MINIMUM

Value: 5427 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL MONTHLY Sample Date: 2014/08 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE Value: 31 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

PHENOLICS. UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

2014/08 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE

Value: 4 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

AS SULPHIDE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2014/01 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MAXIMUM

0.50867 Value:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2014/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.038234 Component Type: MINIMUM

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHOSPHORUS 0700 Param Reported As:

2014/01 Sample Date: Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector:

PETROLEUM REFINERIES Value: NUM. IN AVERAGE 5 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2014/01 Frequency: Sample Date: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.066973 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE MONTHLY Sample Date: 2014/01 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.058485 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2014/05 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Order No: 21010600151

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2014/02 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 69887.8 **AVERAGE** Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2014/02 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 67466 Component Type: MINIMUM

Unit of Measure: M3/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL 2014/02 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.069888 **AVERAGE** Component Type:

Value: Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS CARBON Param Reported As: Sample Date: 2014/04 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type:

AVERAGE

Order No: 21010600151

Value: 47.94 Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2014/04 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 12.182 Component Type:

Unit of Measure: KG/D PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 NOT APPLICABLE Param Reported As: Frequency: Sample Date: 2014/04 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value: 5 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/06 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.015078 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL **MONTHLY** Sample Date: 2014/06 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.069056 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY 2014/06 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 3.9251 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2014/11 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 8923 Component Type: MAXIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2014/11 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Order No: 21010600151

0.008923 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

MONTHLY Sample Date: 2014/11 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.99682 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2014/02 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0800 **AS SULPHIDE Control Point ID:** Param Reported As: Frequency: Sample Date: 2014/05 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.48218 Component Type: MINIMUM

KG/D Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

MONTHLY 2014/10 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2014/10 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Order No: 21010600151

Value: MINIMUM 55219.5 Component Type:

M3/D Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/10 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/08 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Value: 4
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date: 2014/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.041755 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/10
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.075125 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015025 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID:0700Param Reported As:NOT APPLICABLESample Date:2014/09Frequency:MONTHLY

Sample Date:2014/09Frequency:MONTHLYRegulation:MISA COMPLIANCESector:PETROLEUM REFINERIES

Value: 7.236 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2014/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.06062 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014848 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/12 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 5
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/12
 Frequency:
 MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2014/11Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 21.824 Component Type: AVERAGE

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/11 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

7.7238 **AVERAGE** Value: Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: Param Reported As: **NOT APPLICABLE** 0700

Sample Date: 2014/11 **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 8.923 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPLICABLE 0700 Param Reported As:

Sample Date: 2014/11 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value: 4 KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

AVERAGE

Order No: 21010600151

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Frequency: Sample Date: 2014/02 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

11.168 Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2014/02 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 3.4882 Component Type: **AVERAGE**

Unit of Measure: KG/D **Control Point Name: PLANT - PROCESS EFFLUENT** SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Parameter Name:

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2014/11Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.072792 Component Type: MAXIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2014/09Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:4Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/09 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:30Component Type:NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.039785 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013766 Component Type: MINIMUM Unit of Measure: KG/D

Unit of Measure: KG/D
Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2014/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE Unit of Measure: KG/D

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013896 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.49617 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2014/02Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.054579 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013956 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013625 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL 2014/07 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.068125 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL

2014/03 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.070638 Value: Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL 2014/03 Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE Value: Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

0800 AS SULPHIDE **Control Point ID:** Param Reported As: Sample Date: 2014/03 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.47851 **AVERAGE** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2014/03 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014128 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2014/05Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.006688 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2014/01Frequency:MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 5
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 72105.4 Component Type: MAXIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

MINIMUM

NUM. IN AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS SULPHIDE

Sample Date: 2014/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.051086 Component Type:
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2014/05Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2014/06Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2014/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.4289 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 71394.5 Component Type: MAXIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/08
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.071394 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2014/07Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2014/07Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 20.274 Component Type: AVERAGE

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

Discharge

0000130104 Company Code:

Control Point ID: 0700 Sample Date: 2014/07

Regulation: MISA COMPLIANCE

Value: 5.4628 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 0700

Control Point ID: Sample Date: 2014/07

MISA COMPLIANCE Regulation:

Value: 6668.7

Unit of Measure: M3/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104

Control Point ID: 0700

Sample Date: 2014/07

MISA COMPLIANCE Regulation:

Value: 31

Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104

Control Point ID: 0700 2014/07

Sample Date:

Regulation: MISA COMPLIANCE

Value: 1.951

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104

Control Point ID: 0700 2014/06

Sample Date: MISA COMPLIANCE

Regulation: 6.399

Value:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

787

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700

PETROLEUM REFINERIES MINIMUM

MISA MONTHLY REPORTING

MISA MONTHLY REPORTING Result Structure:

AS CARBON

MONTHLY

NOT APPLICABLE Param Reported As:

Frequency: **MONTHLY**

Result Structure:

Component Type:

Frequency:

Sector:

Param Reported As:

PETROLEUM REFINERIES Sector:

AVERAGE Component Type:

Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Param Reported As:

Frequency: MONTHLY

PETROLEUM REFINERIES Sector:

Component Type: NUM. IN AVERAGE

Result Structure: MISA MONTHLY REPORTING

Param Reported As: NOT APPLICABLE

Frequency: MONTHLY

PETROLEUM REFINERIES Sector:

MINIMUM Component Type:

Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Param Reported As:

MONTHLY Frequency:

PETROLEUM REFINERIES Sector:

Component Type: MINIMUM

NOT APPLICABLE Param Reported As:

Order No: 21010600151

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Sample Date: 2014/06 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:30Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2014/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.004709 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

Component Type:

Component Type:

NUM. IN AVERAGE

MAXIMUM

MAXIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 31 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6.984

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2014/12Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.048888 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS SULPHIDE

 Sample Date:
 2014/12
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.033068 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPLICABLE** 0700 Param Reported As:

Sample Date: 2014/03 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.185 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS PHENOL Param Reported As:

Frequency: Sample Date: 2014/08 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type: NUM. IN AVERAGE Value: 4

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2014/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector:

PETROLEUM REFINERIES NUM. IN AVERAGE Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 AS PHENOL Param Reported As: 2014/08 Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.010276 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2014/08 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 2.4554 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 AS PHENOL Param Reported As: Frequency: Sample Date: 2014/01 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.072668 Value: Component Type: **MAXIMUM** Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL MONTHLY Sample Date: 2014/01 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

MAXIMUM

AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2014/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type:

Value: 3.763

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: MONTHLY 2014/10 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Value: 0.051635

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2014/01 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.59066 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/01 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

AVERAGE Value: 24.132 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2014/01 Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: 5 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/01 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value: 31

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AVERAGE

Order No: 21010600151

Control Point ID: 0700 AS CARBON Param Reported As: Frequency: Sample Date: 2014/02 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type:

Value: 22.147

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY 2014/09 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015375 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **BENZENE C6H6**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Param Reported As: NOT APPLICABLE **Control Point ID:** 0800

Sample Date: 2014/01 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.013298 MINIMUM Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2014/01 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING 0000130104 Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: 2014/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: MINIMUM

Value: 30.498 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS CARBON 0700 Param Reported As: Sample Date: MONTHLY

2014/04 Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: 5 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2014/04 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 1.8759 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2014/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 2.2016 Component Type: **MAXIMUM** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As: 2014/04 Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

AVERAGE

MINIMUM

Order No: 21010600151

Component Type:

Value: 9.8766 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE** Sample Date: 2014/04 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: MAXIMUM

Value: 12.182 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: **NOT APPLICABLE** 0700 Param Reported As:

2014/04 Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Frequency: Sample Date: 2014/04 MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Value: Component Type: 30

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2014/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Value: 2.5857

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SOLVENT EXTRACTABLES

KG/D

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2014/04 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.069136 Component Type: **AVERAGE**

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE

Sample Date: 2014/06 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: **AVERAGE** Component Type:

0.50966 Value: Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: AS PHOSPHORUS 0700 Param Reported As:

Sample Date: 2014/11 **MONTHLY** Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0800 Param Reported As: 2014/05

Sample Date: Frequency: MONTHLY MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.068882 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL Frequency: Sample Date: 2014/05 **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS SULPHIDE

2014/04 Sample Date: Frequency: MONTHI Y

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: Component Type: NUM. IN AVERAGE 5

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2014/08 Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector: Component Type: **AVERAGE**

Value: 7.3688 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS SULPHIDE Param Reported As: 2014/10 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.48301 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2014/10 **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.38653 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: 2014/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.011044 MINIMUM Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** Param Reported As: 0700

Sample Date: 2014/09 MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 8.287 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2014/09 MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: MINIMUM Component Type:

6.424 Value: KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE 0700 **Control Point ID:** Param Reported As:

Sample Date: 2014/09 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Component Type:

Value: 4 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/09 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.8893 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

0700 NOT APPLICABLE **Control Point ID:** Param Reported As:

Sample Date: 2014/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value: 4

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2014/11 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: 4 NUM. IN AVERAGE Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

2014/12 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: NUM. IN AVERAGE 5 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN 2014/11 Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2014/11 MONTHLY

Sample Date: Frequency: PETROLEUM REFINERIES

Regulation: MISA COMPLIANCE Sector:

MINIMUM Value: 0.048426 Component Type:

Unit of Measure: KG/D **Control Point Name:** PLANT - PROCESS EFFLUENT

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHENOL 2014/02 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.004168 MINIMUM Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

AS PHOSPHORUS **Control Point ID:** 0700 Param Reported As:

Sample Date: 2014/02 **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.7169 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2014/11 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 69257.6 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2014/09Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MINIMUM

Order No: 21010600151

Value: 0
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2014/09Frequency:MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Value: 4
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/02
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.067466 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL

Sample Date: 2014/02 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/02Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.51704 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2014/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 23.946 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON Sample Param: AS CARBON MONTHLY

Sample Date: 2014/10 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 9654 Component Type: MAXIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 70059.4 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/04 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 5
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 0.48636 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: MONTHLY 2014/04 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: NOT APPLICABLE 0800 Param Reported As:

Sample Date: 2014/04 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.016107 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS NITROGEN Param Reported As:

Sample Date: 2014/03 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 1.5817 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

MONTHLY Sample Date: 2014/03 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: **MAXIMUM** Component Type:

4.9241 Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **AS NITROGEN** Param Reported As: 2014/03 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: NUM. IN AVERAGE

Value: 4

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

AS PHENOL **Control Point ID:** 0800 Param Reported As:

Sample Date: 2014/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.073441 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2014/07Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/07Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.51409 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014688 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 70638.5 Component Type: MAXIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 66972.3 Component Type: MINIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/03Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.49447 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013395 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN

Sample Date:2014/05Frequency:MONTHLYRegulation:MISA COMPLIANCESector:PETROLEUM REFINERIES

Value: 0 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS CARBON

 Sample Date:
 2014/05
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

MAXIMUM

Order No: 21010600151

Value: 37.913

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON

Sample Date: 2014/01 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:55.604Component Type:AVERAGE

Value: 55.604 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: AS CARBON 0700 Param Reported As: Sample Date: 2014/01 Frequency: MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES NUM. IN AVERAGE 5 Component Type:

Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS PHENOL MONTHLY Sample Date: 2014/05 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.072105 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS NITROGEN Sample Date: 2014/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2014/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

2014/08 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/06 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Order No: 21010600151

MINIMUM Value: 2.7573 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2014/06 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.059269 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2014/06 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE Component Type:

Value:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS NITROGEN Param Reported As: Frequency: Sample Date: 2014/07 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: Component Type: 0.069508 **AVERAGE**

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS PHENOL

MONTHLY 2014/07 Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.009243 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2014/05 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 3.9409 MINIMUM Component Type:

Unit of Measure: KG/D Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: SOLVENT EXTRACTABLES

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON **MONTHLY** Sample Date: 2014/05 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2014/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **MAXIMUM**

Value: 3.0306 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0700 Param Reported As: Sample Date: 2014/12 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0061344 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHENOL 2014/12 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type: Value: 0.008466 MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

MONTHLY Sample Date: 2014/12 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 1.4714 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As: 2014/12 MONTHLY

Sample Date: Frequency: MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 5 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

NUM. IN AVERAGE

MINIMUM

MAXIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS PHENOL Sample Date: 2014/03 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0064629 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: AS PHOSPHORUS 0700 Param Reported As:

2014/03 Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE Sector: PETROLEUM REFINERIES Regulation:

Value: 1.2472 Component Type: **AVERAGE**

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2014/09 MONTHLY Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.014108 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 9.178 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2014/03 Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6.9189 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS SULPHIDE Sample Date: 2014/03 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.058849 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 AS SULPHIDE Param Reported As: 2014/08 **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.49339 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2014/08 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type: Value: 22.858 **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Frequency: Sample Date: 2014/08 MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

31.328 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2014/08 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 14.855 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:72667Component Type:MAXIMUMUnit of Measure:M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/01Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.47657 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 11.457 Component Type: AVERAGE

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PLANT - PROCESS EFFLUENT
Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 3.5482 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS SULPHIDE

 Sample Date:
 2014/01
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2014/02Frequency:MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE

Value: Component Type:

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE 0800 **Control Point ID:** Param Reported As:

Sample Date: 2014/08 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL **MONTHLY** Sample Date: 2014/09 Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

0800 NOT APPLICABLE **Control Point ID:** Param Reported As:

Sample Date: 2014/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.034384 **AVERAGE** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPLICABLE Control Point ID: 0800 Param Reported As:

Sample Date: 2014/02 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.095118 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

2014/04 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 5845 MINIMUM Component Type:

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FI OW

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2014/04 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.1883 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

2014/04 Frequency: **MONTHLY** Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE

Component Type:

Order No: 21010600151

Value: 5 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

2014/06 Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.015078 MAXIMUM Value: Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE 0800 **Control Point ID:** Param Reported As:

Sample Date: 2014/06 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.013811 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2014/02 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 8316 Component Type: **MAXIMUM**

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/05Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.50474 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2014/04Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.04641 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.015025 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL

Sample Date: 2014/10 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 0.0138 Component Type: AVERAGE

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** 0800 Param Reported As:

Sample Date: 2014/11 **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.014113 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2014/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

1.0856 MINIMUM Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 NOT APPLICABLE Param Reported As:

2014/09 **MONTHLY** Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

MAXIMUM

MAXIMUM

Order No: 21010600151

Value: 8.662 Component Type: Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

KG/D

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

Control Point ID: 0700 AS SULPHIDE Param Reported As: Sample Date: 2014/09 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.058009

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS PHENOL Frequency: Sample Date: 2014/12 MONTHLY

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

0.071364 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: **MONTHLY** 2014/12 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.49955 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW) Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: AS SULPHIDE Sample Date: 2014/12 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.51969 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2014/11 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 7.4502 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE MONTHLY Sample Date: 2014/11 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

0.054066 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **AS SULPHIDE** 0700 Param Reported As: Sample Date: 2014/11 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: Component Type: NUM. IN AVERAGE 4

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 AS CARBON Param Reported As:

Sample Date: 2014/09 Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:24.131Component Type:AVERAGE

Value: 24.131 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 8662 Component Type: MAXIMUM

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 68359.1 Component Type: AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2014/10Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.3031 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS CARBON

 Sample Date:
 2014/10
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 19.661 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE Control Point ID: 0700 Param Reported As:

Sample Date: 2014/10 Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 7606.8 Component Type: **AVERAGE**

Unit of Measure: M3/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS NITROGEN Param Reported As:

Frequency: Sample Date: 2014/01 **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MAXIMUM Value: 0 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

2014/04 Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE

Value: Component Type:

Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

Sample Date: 2014/04 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 70880.9 Component Type: **MAXIMUM**

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

MISA MONTHLY REPORTING Company Code: 0000130104 Result Structure:

Control Point ID: 0700 **NOT APPLICABLE** Param Reported As:

Sample Date: 2014/02 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

MAXIMUM

Order No: 21010600151

 Control Point ID:
 0700
 Param Reported As:
 AS CARBON

 Sample Date:
 2014/03
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 31.947 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2014/12Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/07
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.069781 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/07Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013625 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/03 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/03Frequency:MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS CARBONSample Date:2014/05Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 30.724 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014406 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/05 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.013777Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/05
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.070405 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

MONTHLY Sample Date: 2014/08 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.013843 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/08 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 69218.4 MINIMUM Component Type: Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS SULPHIDE 0700 Param Reported As: MONTHLY

Sample Date: 2014/06 Frequency: PETROLEUM REFINERIES

Regulation: MISA COMPLIANCE Sector: Value: 0.049847 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2014/06 **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 5.5036 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS CARBON Sample Date: 2014/12 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **MAXIMUM**

Value: 25.841

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID:0700Param Reported As:NOT APPLICABLESample Date:2014/05Frequency:MONTHLY

Sample Date:2014/05Frequency:MONTHLYRegulation:MISA COMPLIANCESector:PETROLEUM REFINERIES

Value: 4
Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

NUM. IN AVERAGE

Order No: 21010600151

Control Point ID:0800Param Reported As:AS PHENOLSample Date:2014/11Frequency:MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Value: 4
Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/11Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.49395 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/11Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.50955 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/11Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.4848 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 6.7109 Component Type: AVERAGE

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AVERAGE

Order No: 21010600151

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Frequency: Sample Date: 2014/12 **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

6134.4 Value: Component Type: Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: Param Reported As: **NOT APPLICABLE** 0700

2014/03 Sample Date: **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: Component Type: NUM. IN AVERAGE

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS PHENOL 0700 Param Reported As: Sample Date: 2014/03 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.002185 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

AS PHENOL **Control Point ID:** 0700 Param Reported As: Frequency: Sample Date: 2014/03 **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: NUM. IN AVERAGE Value: 31 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2014/03 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 1.7637 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

Sample Date: 2014/09 Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **MAXIMUM**

Value: 0.015375 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 NOT APPLICABLE Param Reported As:

Frequency: 2014/03 Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 3.2484 Component Type: **AVERAGE** KG/D

SOLVENT EXTRACTABLES

Unit of Measure: **Control Point Name:** PLANT - PROCESS EFFLUENT

MISA Industrial Wastewater

Discharge

Parameter Name:

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/07 MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7.1068 Component Type: **AVERAGE**

Unit of Measure: KG/D **Control Point Name: PLANT - PROCESS EFFLUENT**

RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2014/07 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **MAXIMUM** Component Type:

20.373 Value: Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

NOT APPLICABLE **Control Point ID:** Param Reported As: 0700

Sample Date: MONTHLY 2014/07 Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MINIMUM

Value: 1.951

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

2014/07 MONTHLY Sample Date: Frequency:

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2014/07Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.055699 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.014862 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0800Param Reported As:AS SULPHIDESample Date:2014/01Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013616 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/10 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 127.31 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:RESIDUE,PART LOSS ON IGNIT.

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS SULPHIDESample Date:2014/10Frequency:MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:5Component Type:NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2014/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM

AVERAGE

Order No: 21010600151

Value: 1.8548 Component Type:

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

PLANT - PROCESS EFFLUENT
Parameter Name: PLANT - PROCESS EFFLUENT
PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:8.438Component Type:MINIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

PLANT - PROCESS EFFLUENT Parameter Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.6933 Component Type:

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/01 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:3.2585Component Type:MINIMUMUnit of Measure:KG/D

PLANT - PROCESS EFFLUENT

SOLVENT EXTRACTABLES

MISA Industrial Wastewater Discharge

Control Point Name:

Parameter Name:

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Component Type:

MAXIMUM

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/09 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 76873.3 Unit of Measure: M3/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/09 Frequency: MONTHLY

 Regulation:
 MISA COMPLIANCE
 Sector:
 PETROLEUM REFINERIES

 Value:
 4
 Component Type:
 NUM. IN AVERAGE

Value: 4 Component Type: Unit of Measure: M3/D

Unit of Measure: M3/D
Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: FLOW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/09
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.074311 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013766 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/04
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 30 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS PHENOL

 Sample Date:
 2014/04
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0094149 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/04 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:4.6535Component Type:AVERAGEUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPLICABLE

Sample Date: 2014/06 Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D
Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS NITROGENSample Date:2014/11Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.3014 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID:0700Param Reported As:AS PHENOLSample Date:2014/11Frequency:MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 0.0074502 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPLICABLE**

Sample Date: MONTHLY 2014/11 Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.013852 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) **Control Point Name:**

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS PHOSPHORUS

Sample Date: 2014/09 Frequency: **MONTHLY**

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: NUM. IN AVERAGE Component Type:

Value:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS PHOSPHORUS Param Reported As:

Sample Date: 2014/01 Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **AVERAGE**

Value: 1.4703 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPLICABLE

Sample Date: 2014/02 Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE Component Type:

Value: 28

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **NOT APPLICABLE** Param Reported As:

2014/10 MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 69001.7 Component Type: **AVERAGE**

Unit of Measure: M3/D

PLANT - ONCE THROUGH COOLING WATER (OTCW) Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

NOT APPLICABLE **Control Point ID:** 0700 Param Reported As:

Sample Date: 2014/08

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Frequency:

Component Type:

MONTHLY

MAXIMUM

Database:

Order No: 21010600151

SRDS

8.467 Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPLICABLE**

Sample Date: 2014/08 Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **MAXIMUM**

Value: 12.214

Unit of Measure: KG/D PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 NOT APPLICABLE Param Reported As:

Sample Date: 2014/08 **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: NUM. IN AVERAGE

Value: 4

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS SULPHIDE 2014/08 Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Value: 4 Component Type: NUM. IN AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

PETRO-CANADA LUBRICANTS INC. Site:

MISSISSAUGA ON

Company Code: 0000130104 Sector: Works ID: Region: District: SIC: SIC1: UTM Zone: SIC1 Desc: UTM Easting:

UTM Northing: SIC2: SIC2 Desc: UTM Precision: Minor Basin: SIC3: SIC3 Desc: Major Basin: Body of Water: Report Year:

2012 Terminal Stream:

SIC Desc: Mailing Address: Corp Address:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE

Regulation: 0.049224 Value:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0800

Sample Date:

Regulation: MISA COMPLIANCE

Value: 5

Unit of Measure:

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID: 0800

Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.013961

KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID: 0800

Sample Date:

MISA COMPLIANCE Regulation:

Value: 0.013362

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

Sample Date:

Regulation: MISA COMPLIANCE

Value:

Unit of Measure:

PLANT - O.T.C.W. **Control Point Name:**

0800

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0800

Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.39823 KG/D Unit of Measure:

Result Structure:

Result Structure:

Frequency:

Sector:

Param Reported As:

Param Reported As:

AS H2S

Frequency:

MONTHLY

Sector:

PETROLEUM REFINERIES

MISA MONTHLY REPORTING

Order No: 21010600151

Component Type:

MINIMUM

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828

AS H2S

MONTHLY

PETROLEUM REFINERIES

MINIMUM

MISA MONTHLY REPORTING

NOT APPL MONTHLY

Frequency: PETROLEUM REFINERIES Component Type:

NUM. IN AVERAGE

MISA MONTHLY REPORTING Result Structure: **NOT APPL** Param Reported As:

Param Reported As:

Component Type:

Result Structure:

Param Reported As:

Frequency:

Sector:

Sector:

Frequency: **MONTHLY** PETROLEUM REFINERIES Sector:

Component Type: **MAXIMUM**

Result Structure: MISA MONTHLY REPORTING **NOT APPL**

Param Reported As: Frequency: MONTHLY

PETROLEUM REFINERIES Sector:

Component Type: MINIMUM

MISA MONTHLY REPORTING

NOT APPL MONTHLY

PETROLEUM REFINERIES Component Type:

NUM. IN AVERAGE

PLANT - O.T.C.W. Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: PHENOL Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.004451 MINIMUM Value: Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** PHENOLICS. UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: PHENOL

Sample Date: MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.010048 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS P

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.9642 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS C Frequency: Sample Date: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: NUM. IN AVERAGE

Value: 4 Component Type:

Unit of Measure: **PLANT - PROCESS EFFLUENT** Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104-2012 Result Structure: MISA MONTHLY REPORTING Company Code:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPL

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 5045 Component Type: MINIMUM Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FI OW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE

Regulation: Value: 11.279

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0800

Sample Date:

MISA COMPLIANCE Regulation:

Value: 0.014208

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.051093

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

Sample Date:

Regulation: MISA COMPLIANCE

0.01292 Value:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

0800

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0800

Sample Date:

MISA COMPLIANCE Regulation:

64599.5 Value: Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

830

Company Code: 0000130104-2012 Result Structure:

Control Point ID: 0800 Param Reported As: PHENOL Sample Date: Frequency:

MISA MONTHLY REPORTING Result Structure:

NOT APPL Param Reported As: Frequency: **MONTHLY**

PETROLEUM REFINERIES Sector:

Component Type: **AVERAGE**

Result Structure: MISA MONTHLY REPORTING

NOT APPL Param Reported As: Frequency: **MONTHLY**

Sector: PETROLEUM REFINERIES

Component Type: MAXIMUM

Result Structure: MISA MONTHLY REPORTING

Param Reported As: AS H2S **MONTHLY** Frequency:

Sector: PETROLEUM REFINERIES

Component Type: **AVERAGE**

MISA MONTHLY REPORTING

Param Reported As: **NOT APPL** Frequency: MONTHLY

Result Structure:

Result Structure:

Component Type:

Frequency:

Sector:

Param Reported As:

Sector: PETROLEUM REFINERIES

Component Type:

MINIMUM

NOT APPL

MONTHLY

MINIMUM

MISA MONTHLY REPORTING

Order No: 21010600151

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

MONTHLY

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MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **AVERAGE**

0.066449 Value: Component Type:

KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Param Reported As:

Component Type:

NOT APPL

MONTHLY

MAXIMUM

PETROLEUM REFINERIES

Order No: 21010600151

0800 **Control Point ID:**

Sample Date:

Frequency: Regulation: MISA COMPLIANCE Sector:

Value: 0.014208

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name: TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPL

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 10860 Component Type: **MAXIMUM** Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPL Control Point ID: 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 5.856 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPL Control Point ID: 0800 Param Reported As:

Sample Date: Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.013442 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPL** MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 67208 **AVERAGE** Component Type:

Unit of Measure: M3/D **Control Point Name:** PLANT - O.T.C.W.

Parameter Name: FI OW

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Sector:

Component Type:

PETROLEUM REFINERIES

Order No: 21010600151

MAXIMUM

Control Point ID: 0700 Param Reported As: **PHENOL** MONTHLY Frequency:

Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.01605

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPL

Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **AVERAGE**

Value: 7426 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: PHENOL Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.010516 **AVERAGE** Component Type:

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

NOT APPL Control Point ID: 0700 Param Reported As: Sample Date: **MONTHLY** Frequency:

Regulation: PETROLEUM REFINERIES MISA COMPLIANCE Sector:

Value: 6.543 MINIMUM Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS H2S Frequency: **MONTHLY** Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.031094 Component Type: MINIMUM

Unit of Measure: KG/D **Control Point Name:** PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Result Structure: MISA MONTHLY REPORTING Company Code: **NOT APPL** Param Reported As:

Component Type:

AVERAGE

Order No: 21010600151

Control Point ID: 0800

Sample Date:

Frequency: MONTHLY PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.025794 Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPL** 0800 Param Reported As: Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type: Value: 0.013643 **MAXIMUM**

PLANT - O.T.C.W. **Control Point Name:** Parameter Name: **TOLUENE C7H8**

KG/D

MISA Industrial Wastewater

Discharge

Unit of Measure:

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS H2S Frequency: Sample Date: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

0.07819 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Result Structure: Company Code: 0000130104-2012 MISA MONTHLY REPORTING

Control Point ID: 0700 AS H2S Param Reported As:

Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Value: 0.044506 Component Type: MINIMUM

Unit of Measure: KG/D Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPL **MONTHLY**

Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 6.94 Component Type: MINIMUM

KG/D Unit of Measure: Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **NOT APPL** Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013854 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:** Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Param Reported As: **Control Point ID:** 0700 AS P

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 1.3286 Component Type: **AVERAGE**

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT** Control Point Name:

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: PHENOL

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 0.075002 Component Type:

Unit of Measure: KG/D **Control Point Name:** PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: Param Reported As: NOT APPL 0800

MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.013622 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 NOT APPL Param Reported As: Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.013442 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPL**

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES NUM. IN AVERAGE Value: Component Type:

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

Discharge

Result Structure: 0000130104-2012 MISA MONTHLY REPORTING Company Code:

Sector:

Component Type:

PETROLEUM REFINERIES

Order No: 21010600151

AVERAGE

Control Point ID: 0700 Param Reported As: AS P Frequency: MONTHLY

Sample Date:

Regulation: MISA COMPLIANCE

Value: 1.0621 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: NOT APPL 0700 Param Reported As: Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 7784 **MAXIMUM** Component Type:

Control Point Name: **PLANT - PROCESS EFFLUENT**

M3/D

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Unit of Measure:

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPL** Param Reported As:

Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: Component Type: **AVERAGE**

Value: 6314 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: PHENOL **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

0.0071493 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS. UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **NOT APPL** Param Reported As: Frequency: MONTHLY Sample Date:

PETROLEUM REFINERIES MISA COMPLIANCE Sector:

Regulation:

Value: 0.0063776 Component Type: MINIMUM Unit of Measure:

PLANT - O.T.C.W. Control Point Name: Parameter Name: **TOLUENE C7H8**

KG/D

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

NOT APPL Control Point ID: 0700 Param Reported As:

Sample Date:

MISA COMPLIANCE Regulation:

9.4919 Value:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID: Sample Date:

0800

Regulation:

MISA COMPLIANCE

Value: Unit of Measure: 0.0017335 KG/D

Control Point Name:

PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

0700

Sample Date:

MISA COMPLIANCE Regulation:

Value:

1.1528 KG/D

Unit of Measure:

Control Point Name: Parameter Name:

PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

Sample Date:

Regulation: MISA COMPLIANCE

0700

Value:

10.53 Unit of Measure: KG/D

Control Point Name:

PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID:

0700

Sample Date:

MISA COMPLIANCE

Regulation: Value:

5.531

Unit of Measure: KG/D

Control Point Name:

Parameter Name:

PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

0700

Sample Date:

MISA COMPLIANCE Regulation:

Value: 17.394 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Frequency: MONTHLY

Sector: Component Type: PETROLEUM REFINERIES

MAXIMUM

MISA MONTHLY REPORTING Result Structure:

Param Reported As:

NOT APPL MONTHLY

Frequency: PETROLEUM REFINERIES Sector:

Component Type: MINIMUM

MISA MONTHLY REPORTING

MISA MONTHLY REPORTING

Param Reported As: AS P

MONTHLY Frequency:

PETROLEUM REFINERIES Sector:

Component Type: **AVERAGE**

Result Structure: Param Reported As:

Result Structure:

NOT APPL Frequency: MONTHLY

Sector: PETROLEUM REFINERIES

Component Type: **AVERAGE**

MISA MONTHLY REPORTING Result Structure:

Param Reported As: NOT APPL MONTHLY Frequency:

Sector: PETROLEUM REFINERIES

Component Type: MINIMUM

Order No: 21010600151

Result Structure: MISA MONTHLY REPORTING Param Reported As: NOT APPL Frequency: MONTHLY

PETROLEUM REFINERIES

Sector: Component Type:

MAXIMUM

RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Sector:

Component Type:

Result Structure:

Component Type:

Result Structure:

Component Type:

Frequency:

Frequency:

Component Type:

Sector:

Sector:

Param Reported As:

Sector:

Param Reported As: Frequency:

PETROLEUM REFINERIES

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

PETROLEUM REFINERIES

Order No: 21010600151

AVERAGE

NOT APPL

MONTHLY

AVERAGE

NOT APPL

MONTHLY

AVERAGE

MONTHLY

MAXIMUM

Control Point ID: 0700 Param Reported As: AS C Frequency: **MONTHLY**

Sample Date:

Regulation: MISA COMPLIANCE

Value: 28.55

KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

0700 Sample Date:

Regulation: MISA COMPLIANCE

Value: 4.1324

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0800

Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.014621

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:** BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure: **NOT APPL** Param Reported As:

Control Point ID: 0800

Sample Date:

MISA COMPLIANCE Regulation:

Value: 0.015009

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING 0800 **NOT APPL**

Control Point ID: Param Reported As:

Sample Date: Frequency: **MONTHLY** MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Regulation: Value: 31887.8 Component Type: MINIMUM

Unit of Measure: M3/D

PLANT - O.T.C.W. Parameter Name: **FLOW**

MISA Industrial Wastewater

Control Point Name:

Discharge

0000130104-2012 Company Code:

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE Regulation:

5.752 Value: Unit of Measure: KG/D

Control Point Name:

PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE Regulation:

Value: 24.34

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 9139

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.0076066

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

0700 Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.21322

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: 0800

Control Point ID:

Sample Date:

MISA COMPLIANCE Regulation:

Component Type:

Result Structure: Param Reported As:

NOT APPL

Frequency:

MONTHLY

Sector:

PETROLEUM REFINERIES

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Component Type:

Result Structure:

Result Structure:

Component Type:

Frequency:

Sector:

Param Reported As:

Frequency:

Sector:

Param Reported As:

MONTHLY PETROLEUM REFINERIES MINIMUM

NOT APPL

MISA MONTHLY REPORTING

MISA MONTHLY REPORTING AS C

MONTHLY

PETROLEUM REFINERIES

MAXIMUM

Result Structure: MISA MONTHLY REPORTING

Param Reported As: NOT APPL Frequency: MONTHLY

PETROLEUM REFINERIES Sector:

Component Type: **MAXIMUM**

MISA MONTHLY REPORTING Result Structure: Param Reported As: PHENOL

MONTHLY Frequency: Sector:

Component Type:

PETROLEUM REFINERIES

AVERAGE

Result Structure: MISA MONTHLY REPORTING

Param Reported As: AS P MONTHLY

Frequency: Sector:

PETROLEUM REFINERIES

MISA MONTHLY REPORTING

MINIMUM

Order No: 21010600151

MAXIMUM Value: 0.015001 Component Type:

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name: TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPL

MONTHLY Sample Date: Frequency: Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 86074 Component Type: **MAXIMUM**

Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPL** Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 5.324 Component Type: MINIMUM

KG/D Unit of Measure: **Control Point Name: PLANT - PROCESS EFFLUENT**

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 AS H2S Param Reported As: Frequency: MONTHLY Sample Date:

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 0.22322 Component Type: MINIMUM

KG/D Unit of Measure: **Control Point Name:** PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2012 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 Param Reported As: PHENOL MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.061046 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **PHENOL** Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Order No: 21010600151

Value: NUM. IN AVERAGE Component Type:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS N

Sample Date: Frequency: MONTHLY Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPL

Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 6.4688 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPL** 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: Component Type: MAXIMUM 8.549

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: RESIDUE.PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPL

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value: Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS H2S Sample Date: Frequency: MONTHLY

Regulation: PETROLEUM REFINERIES MISA COMPLIANCE Sector:

Value: 0.054303 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800

Sample Date:

MISA COMPLIANCE Regulation:

0.47678 Value: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Param Reported As:

Component Type:

Frequency:

Sector:

AS H2S

MONTHLY

AVERAGE

PETROLEUM REFINERIES

Order No: 21010600151

Control Point ID: 0800 Param Reported As: **NOT APPL**

Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **AVERAGE**

Value: 0.013622 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: NOT APPL 0800 Param Reported As: Frequency: **MONTHLY**

Sample Date: MISA COMPLIANCE Sector:

PETROLEUM REFINERIES Regulation:

Value: 0.018423 Component Type: **MAXIMUM** KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPL** 0800 Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **AVERAGE**

Value: 61155.3 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS H2S Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.44106 Component Type: **MAXIMUM**

KG/D Unit of Measure:

PLANT - O.T.C.W. **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPL**

Sample Date: **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.088738 Component Type: **MAXIMUM** KG/D Unit of Measure:

PLANT - O.T.C.W. Control Point Name: **TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

MINIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS C Frequency: **MONTHLY**

Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

10.522 Value: Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPL

Sample Date: **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.013272 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: PHENOL 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.000341 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPL Frequency: Sample Date: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

7.3591 **MAXIMUM** Value: Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104-2012 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: NOT APPL

MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 5.383 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID: 0800

Sample Date:

MISA COMPLIANCE Regulation:

Value: 0.015296 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

Component Type:

Frequency:

Result Structure:

Component Type:

Result Structure:

Component Type:

Result Structure:

Component Type:

Result Structure:

Component Type:

Frequency:

Sector:

Param Reported As:

Sector:

MISA MONTHLY REPORTING Result Structure: NOT APPL Param Reported As:

MONTHLY

PETROLEUM REFINERIES

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

MINIMUM

AS H2S

MONTHLY

AVERAGE

NOT APPL **MONTHLY**

MAXIMUM

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MONTHLY

MAXIMUM

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE Regulation:

Value: 0.043695

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 16.278 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

Sample Date:

Regulation: MISA COMPLIANCE

0700

7.4529 Value:

Unit of Measure: KG/D Control Point Name:

PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE Regulation:

Value: 37.833 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure:

Control Point ID: 0700 Sample Date:

Param Reported As:

MISA MONTHLY REPORTING

Order No: 21010600151

AS C **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: MINIMUM Component Type:

Value: 16.174 KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

0700 **NOT APPL Control Point ID:** Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: MINIMUM 2492 Component Type: Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS P

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.8825 Component Type: **MAXIMUM**

Unit of Measure: KG/D **Control Point Name:** PLANT - PROCESS EFFLUENT

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPL Control Point ID: 0700 Param Reported As: Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: **MAXIMUM**

Value: 17.444 Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPL Control Point ID: 0700 Param Reported As:

Sample Date: Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 4.7837 Component Type: **MINIMUM** Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: **NOT APPL** Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 3.2556 MINIMUM Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Sector:

Component Type:

Component Type:

PETROLEUM REFINERIES

AVERAGE

MAXIMUM

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPL MONTHLY Frequency:

Sample Date:

Regulation: MISA COMPLIANCE

Value: 7 6066 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPL Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.9583 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPL**

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.013643 KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

NOT APPL Control Point ID: 0800 Param Reported As: Sample Date: **MONTHLY**

Frequency: PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 56377.2 MINIMUM Component Type:

Unit of Measure: M3/D PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPL** Frequency: **MONTHLY** Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 69270 Component Type: **MAXIMUM** M3/D Unit of Measure:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Control Point Name:

Discharge

PLANT - O.T.C.W.

0000130104-2012 Result Structure: MISA MONTHLY REPORTING Company Code: **NOT APPL** Param Reported As:

Frequency:

Component Type:

Sector:

MONTHLY

AVERAGE

PETROLEUM REFINERIES

Order No: 21010600151

Control Point ID: 0800

Sample Date: Regulation: MISA COMPLIANCE

Value: 68217.4 Unit of Measure: M3/D

PLANT - O.T.C.W. Control Point Name:

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: **NOT APPL** 0700 Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type: Value: 8.2384 **AVERAGE** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPL** Frequency: Sample Date: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

2.4796 MINIMUM Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPL** Param Reported As:

Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES Value: 7.6876 Component Type: **AVERAGE**

Unit of Measure: KG/D Control Point Name: PLANT - PROCESS EFFLUENT

SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 MISA MONTHLY REPORTING Result Structure: 0800 NOT APPL

Control Point ID: Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

0.013462 Value: Component Type: MINIMUM

Unit of Measure: KG/D Control Point Name: PLANT - O.T.C.W. **TOLUENE C7H8**

MISA Industrial Wastewater **Discharge**

Parameter Name:

Company Code: 0000130104-2012

Result Structure: MISA MONTHLY REPORTING **Control Point ID:** 0700 PHENOL

Param Reported As: Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: NUM. IN AVERAGE Component Type:

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0800

Sample Date:

MISA COMPLIANCE Regulation:

Value: 0.013695 Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Sample Date:

Company Code: 0000130104-2012 Result Structure:

Control Point ID:

0800

Regulation: MISA COMPLIANCE

Value: 0.47046

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: Result Structure: MISA MONTHLY REPORTING

Result Structure:

Component Type:

Param Reported As:

Component Type:

Frequency:

Sector:

Frequency:

Sector:

Param Reported As:

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

PETROLEUM REFINERIES

Order No: 21010600151

NOT APPL

MONTHLY

MAXIMUM

AS H2S

MONTHLY

AVERAGE

AS C MONTHLY

AVERAGE

Control Point ID: 0700 Param Reported As: Frequency:

Sample Date:

Regulation: MISA COMPLIANCE Sector: Component Type:

Value: 16.589

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 NOT APPL Param Reported As: MONTHLY

Sample Date: Frequency:

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: Value: 9.688 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Unit of Measure:

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS P **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM 1 8837 Value: Component Type:

PLANT - PROCESS EFFLUENT Control Point Name:

KG/D

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

Discharge

0000130104-2012 Company Code:

Control Point ID: 0700

Sample Date: Regulation:

MISA COMPLIANCE

Value: 91.707 KG/D

Unit of Measure: **Control Point Name:**

PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: Sample Date:

0700

MISA COMPLIANCE Regulation:

Value: 0.99615

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

0700

Sample Date:

MISA COMPLIANCE Regulation:

Value:

Parameter Name:

0.040075

Unit of Measure: KG/D

Control Point Name:

PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: Sample Date:

0700

Regulation: MISA COMPLIANCE

0.055923 Value: KG/D

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

0700

Control Point ID:

Sample Date:

Regulation: MISA COMPLIANCE

Value: 4.451

Unit of Measure:

KG/D Control Point Name:

PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0800 Param Reported As: **NOT APPL**

MISA MONTHLY REPORTING

MONTHLY Frequency:

Result Structure:

Sector: PETROLEUM REFINERIES

Component Type: **MAXIMUM**

MISA MONTHLY REPORTING Result Structure:

Param Reported As: AS P Frequency: **MONTHLY**

PETROLEUM REFINERIES Sector:

MINIMUM Component Type:

Result Structure: MISA MONTHLY REPORTING

AS H2S Param Reported As: MONTHLY

Frequency:

PETROLEUM REFINERIES Sector:

Component Type: MINIMUM

Result Structure: MISA MONTHLY REPORTING

Param Reported As: AS H2S Frequency: **MONTHLY**

PETROLEUM REFINERIES Sector:

Component Type:

MAXIMUM

Result Structure: MISA MONTHLY REPORTING

NOT APPL Param Reported As: MONTHLY Frequency:

PETROLEUM REFINERIES Sector:

Component Type: MINIMUM

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Result Structure: MISA MONTHLY REPORTING Param Reported As:

AS H2S

Order No: 21010600151

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

0.49869 Value: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: AS H2S Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.51175 Component Type: **AVERAGE**

KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

NOT APPL **Control Point ID:** 0700 Param Reported As: MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 7654.4 Component Type: **AVERAGE**

Unit of Measure: M3/D **PLANT - PROCESS EFFLUENT Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPL **MONTHLY**

Frequency: Sample Date: Regulation: MISA COMPLIANCE Sector:

PETROLEUM REFINERIES Value: 29 Component Type: NUM. IN AVERAGE

Unit of Measure: **Control Point Name: PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPL MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5.045 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS H2S 0700 Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Sector: Regulation:

Order No: 21010600151

Value: 0.044597 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

NOT APPL Control Point ID: 0800 Param Reported As: Sample Date: Frequency: **MONTHLY**

Value: 75002.1

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: **MAXIMUM**

Component Type: Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **PHENOL** Param Reported As: Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.018378 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **PHENOL** Frequency: **MONTHLY** Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 0.075045 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPL** Param Reported As: Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 6.9185 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING 0800 **NOT APPL**

Control Point ID: Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 0.57673 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure: AS H2S Param Reported As:

Control Point ID: 0800

Sample Date:

Frequency: MONTHLY PETROLEUM REFINERIES MISA COMPLIANCE Sector:

Component Type:

NUM. IN AVERAGE

Order No: 21010600151

Regulation:

Value:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS H2S **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.42733 Component Type: MINIMUM

Unit of Measure: KG/D **Control Point Name:** PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPL Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.032595 Component Type: **AVERAGE**

Unit of Measure: KG/D Control Point Name: PLANT - O.T.C.W.

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPL** Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5.594 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS H2S MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

0.058268 Value: Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS H2S Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

MINIMUM Value: 0.46767 Component Type:

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPL Sample Date: **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.012854 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. **TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: PHENOL Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.0063575 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

NOT APPL Control Point ID: 0700 Param Reported As: Frequency: MONTHLY Sample Date:

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 12481 Component Type: **MAXIMUM**

M3/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Result Structure: 0000130104-2012 MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: PHENOL **MONTHLY** Sample Date:

Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0071278 Component Type: **AVERAGE**

Control Point Name: PLANT - PROCESS EFFLUENT

KG/D

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Unit of Measure:

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **PHENOL**

Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Order No: 21010600151

Value: 0.005045 MINIMUM Component Type: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

Unit of Measure:

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: PHENOL MONTHLY Sample Date: Frequency:

Regulation:

MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPL

Sample Date: Frequency: MONTHLY PETROLEUM REFINERIES MISA COMPLIANCE

Regulation: Sector:

Value: 66362.2 Component Type: MINIMUM Unit of Measure: M3/D

PLANT - O.T.C.W. Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPL** 0800 Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 71041.9 Component Type: **MAXIMUM** Unit of Measure: M3/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPL

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.01329 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPL

MONTHLY Sample Date: Frequency:

Regulation: PETROLEUM REFINERIES MISA COMPLIANCE Sector:

Value: 0.013695 Component Type: **MAXIMUM**

PLANT - O.T.C.W. **Control Point Name:** Parameter Name: BENZENE C6H6

KG/D

MISA Industrial Wastewater

Discharge

Unit of Measure:

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800

Sample Date:

Regulation: Value:

MISA COMPLIANCE

68474.4 Unit of Measure: M3/D

PLANT - O.T.C.W. **Control Point Name:**

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

0800

Sample Date: Regulation:

MISA COMPLIANCE

Value: 0.071042 KG/D

Unit of Measure:

Control Point Name:

PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID:

0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 31.064

KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 7276.2 M3/D

Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

0700

Sample Date: Regulation: MISA COMPLIANCE

Value: 0.0464

Unit of Measure:

KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

Sample Date:

Regulation:

Value: 0.013462 Unit of Measure:

0800

MISA COMPLIANCE

KG/D

MONTHLY Frequency: Sector:

Param Reported As:

Result Structure:

PETROLEUM REFINERIES

NOT APPL

MAXIMUM Component Type:

MISA MONTHLY REPORTING

Param Reported As: **PHENOL** MONTHLY Frequency:

Sector: PETROLEUM REFINERIES

Component Type: MAXIMUM

MISA MONTHLY REPORTING Result Structure:

Param Reported As: AS C

Frequency: MONTHLY PETROLEUM REFINERIES Sector:

Component Type: MAXIMUM

Result Structure: MISA MONTHLY REPORTING **NOT APPL** Param Reported As:

MONTHLY Frequency:

Sector: PETROLEUM REFINERIES

Component Type: **AVERAGE**

Result Structure: MISA MONTHLY REPORTING

Param Reported As: AS H2S Frequency: MONTHLY

Sector: PETROLEUM REFINERIES

Component Type: **AVERAGE**

Result Structure: MISA MONTHLY REPORTING

Param Reported As: **NOT APPL MONTHLY** Frequency:

Sector: PETROLEUM REFINERIES

Order No: 21010600151

Component Type: MINIMUM

PLANT - O.T.C.W. Control Point Name: BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS H2S **MONTHLY**

Frequency: Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.03892 Component Type: MINIMUM Value: Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: PHENOL

Sample Date: **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS P

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: NUM. IN AVERAGE Component Type:

Value:

Unit of Measure: **Control Point Name:**

PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPL Frequency: Sample Date: **MONTHLY**

Regulation:

PETROLEUM REFINERIES MISA COMPLIANCE Sector: NUM. IN AVERAGE Value: Component Type:

Unit of Measure: **PLANT - PROCESS EFFLUENT** Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104-2012 Result Structure: MISA MONTHLY REPORTING Company Code:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPL

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Value:

11.632 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: Result Structure:

Control Point ID: 0700 NOT APPL Param Reported As: Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE

Value: 6.9544

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Sector:

Component Type:

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

Order No: 21010600151

MAXIMUM

Control Point ID: PHENOL 0700 Param Reported As: Frequency: **MONTHLY** Sample Date:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.0091726 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPL**

Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 8.3683 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPL** Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

4.922 MINIMUM Value: Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: **PHENOL** 0700 Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 28 Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS P **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **AVERAGE** Component Type:

Value: 1.0813

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Component Type:

AS P

MONTHLY

MINIMUM

Order No: 21010600151

0700 **Control Point ID:** Sample Date:

Param Reported As: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.20506

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: PHOSPHORUS.UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPL

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.357 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPL Control Point ID: 0800 Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.013644 Component Type: **AVERAGE**

Unit of Measure: KG/D PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS P Param Reported As:

Sample Date: Freauency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 2.0185 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT**

PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS C Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 16.03 MINIMUM Component Type:

Unit of Measure: KG/D **Control Point Name: PLANT - PROCESS EFFLUENT**

CARBON, DISSOLVED ORGANIC Parameter Name:

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Sector:

Component Type:

PETROLEUM REFINERIES

Order No: 21010600151

MAXIMUM

MAXIMUM

Control Point ID: 0700 Param Reported As: NOT APPL MONTHLY Frequency:

Sample Date:

Regulation: MISA COMPLIANCE

Value: 8337

Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPL MONTHLY

Sample Date: Frequency: Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 13.146 Component Type:

Unit of Measure: KG/D **Control Point Name:** PLANT - PROCESS EFFLUENT

RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS C

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: MINIMUM

Value: 11.813 Component Type: KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: PHENOL 0700 Param Reported As: Sample Date: **MONTHLY** Frequency:

Regulation: PETROLEUM REFINERIES MISA COMPLIANCE Sector:

Value: 0.018366 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS P Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.5008 Component Type: **AVERAGE**

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104-2012 Result Structure: Company Code: MISA MONTHLY REPORTING AS P Param Reported As:

Control Point ID: 0700

Sample Date:

MONTHLY Frequency: PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Component Type:

MINIMUM

Order No: 21010600151

Value: 1.1502

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: PHENOL Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.063009 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS C Frequency: Sample Date: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

18.554 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Result Structure: Company Code: 0000130104-2012 MISA MONTHLY REPORTING

Control Point ID: 0700 **PHENOL** Param Reported As: Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.008337 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: PHENOL Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MINIMUM Value: 0.001168 Component Type:

Unit of Measure: KG/D Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 PHENOL Param Reported As: Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0064039 **AVERAGE** Component Type:

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Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPL

Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 5.0706 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPL 0700 Param Reported As:

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 12.113 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104-2012 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: Param Reported As: NOT APPL

MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.014621 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: Result Structure: MISA MONTHLY REPORTING

Param Reported As: Control Point ID: 0800 NOT APPL Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 66809.9 Component Type: MINIMUM M3/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: PHENOL

Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **MAXIMUM** Component Type:

Order No: 21010600151

Value: 0.069806 Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

Discharge

0000130104-2012 Company Code:

Control Point ID: 0700

Sample Date: Regulation:

MISA COMPLIANCE

Value: 6.2221 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: Sample Date:

0700

MISA COMPLIANCE Regulation:

Value: 0.057309

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

0700 Sample Date:

MISA COMPLIANCE Regulation:

Value: 20.465

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

Sample Date:

Regulation: MISA COMPLIANCE

Value:

Unit of Measure:

FLOW

Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.0079535

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **PHENOL** Param Reported As:

Result Structure: MISA MONTHLY REPORTING

Param Reported As: **NOT APPL** MONTHLY Frequency:

Sector: PETROLEUM REFINERIES

Component Type: **MAXIMUM**

MISA MONTHLY REPORTING Result Structure:

Param Reported As: AS H2S Frequency: **MONTHLY**

PETROLEUM REFINERIES Sector:

MAXIMUM Component Type:

Result Structure: MISA MONTHLY REPORTING

AS C Param Reported As:

Result Structure:

Component Type:

Frequency:

Sector:

Param Reported As:

Frequency: MONTHLY

PETROLEUM REFINERIES Sector:

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

Order No: 21010600151

Component Type: MINIMUM

0800

64270.8 M3/D

Control Point Name: PLANT - O.T.C.W.

Result Structure: MISA MONTHLY REPORTING

Param Reported As: **PHENOL**

MONTHLY Frequency: Sector:

PETROLEUM REFINERIES Component Type:

AVERAGE

NOT APPL

MONTHLY

AVERAGE

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MAXIMUM

0.020106 Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: PHENOL Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.005324 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPL 0700 Param Reported As: Sample Date: MONTHLY Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 25.432 **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPL Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 4.442 Component Type: MINIMUM

RESIDUE, PARTICULATE

Unit of Measure: KG/D **Control Point Name: PLANT - PROCESS EFFLUENT**

MISA Industrial Wastewater

Discharge

Parameter Name:

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS H2S MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.47932 Component Type: **MAXIMUM** Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: PHENOL 0700 Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Sector: Regulation:

Order No: 21010600151

Value: 0.009139 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

AS H2S **Control Point ID:** 0800 Param Reported As: Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE Sector:

PETROLEUM REFINERIES Regulation:

Value: 0.52532 **MAXIMUM** Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **NOT APPL** Param Reported As: Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 61046.4 Component Type: MINIMUM

Unit of Measure: M3/D PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPL**

Frequency: **MONTHLY** Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 70035.4 **MAXIMUM** Component Type: Unit of Measure: M3/D

PLANT - O.T.C.W. **Control Point Name:**

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 AS H2S Param Reported As: Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.49025 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPL** 0700 Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

NUM. IN AVERAGE Value: Component Type:

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure: AS H2S Param Reported As:

Frequency:

Frequency:

Component Type:

Sector:

Component Type:

Sector:

MONTHLY

MAXIMUM

MONTHLY

MINIMUM

AVERAGE

Order No: 21010600151

PETROLEUM REFINERIES

PETROLEUM REFINERIES

Control Point ID: 0700

Sample Date: Regulation:

MISA COMPLIANCE

0.064442 Value:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure: Param Reported As: AS H2S

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE Regulation:

Value: 0.034454

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPL Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: NUM. IN AVERAGE

Value:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPL** Sample Date: MONTHLY Frequency:

PETROLEUM REFINERIES

Regulation: MISA COMPLIANCE Sector: Value: 6929.7 Component Type:

Unit of Measure: M3/D **PLANT - PROCESS EFFLUENT Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS C MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 40.212 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS C Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

NUM. IN AVERAGE Value: 5 Component Type:

Unit of Measure: PLANT - PROCESS EFFLUENT **Control Point Name:** CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS P

Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.80942 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPL** Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **MAXIMUM**

Value: 12.848 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

NOT APPL Control Point ID: 0700 Param Reported As: Frequency: MONTHLY Sample Date:

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 7.913 Component Type: MINIMUM

KG/D Unit of Measure: **Control Point Name: PLANT - PROCESS EFFLUENT**

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104-2012 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 Param Reported As: AS H2S **MONTHLY**

Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.46454 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0700 Param Reported As: AS C Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: **MAXIMUM** 23.769 Component Type:

KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: CARBON, DISSOLVED ORGANIC

Discharge

0000130104-2012 Company Code: Result Structure:

Control Point ID: 0700 Param Reported As:

Sample Date:

Regulation: MISA COMPLIANCE

Value: 3.0341

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID: 0800

Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.013644 Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name: Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0800

Sample Date:

Regulation: MISA COMPLIANCE

Value: 66068.3 Unit of Measure: M3/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 6.573

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 2.6132

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

MISA MONTHLY REPORTING

NOT APPL MONTHLY Frequency:

PETROLEUM REFINERIES Sector:

Component Type: MINIMUM

MISA MONTHLY REPORTING Result Structure:

Param Reported As: NOT APPL

Frequency: MONTHLY

PETROLEUM REFINERIES Sector:

Component Type: **AVERAGE**

Result Structure: MISA MONTHLY REPORTING NOT APPL Param Reported As:

Frequency: MONTHLY

Sector: PETROLEUM REFINERIES

Component Type: MINIMUM

Result Structure: MISA MONTHLY REPORTING NOT APPL

Param Reported As: **MONTHLY** Frequency:

PETROLEUM REFINERIES Sector:

Component Type: MAXIMUM

MISA MONTHLY REPORTING Result Structure: Param Reported As: NOT APPL

Order No: 21010600151

MONTHLY Frequency:

PETROLEUM REFINERIES Sector:

Component Type: MINIMUM **Control Point ID:** 0700

Sample Date:

MISA COMPLIANCE Regulation:

Value:

5

Unit of Measure: **Control Point Name: PLANT - PROCESS EFFLUENT** Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 10720 M3/D

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 41.238

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.97582

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

0700

Sample Date: Regulation: MISA COMPLIANCE

Value:

Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 26.118 KG/D Unit of Measure:

Result Structure: Param Reported As: Frequency:

Sector:

Component Type:

AVERAGE

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867

NOT APPL

MONTHLY

Param Reported As: Frequency:

Component Type:

Result Structure:

Frequency:

Frequency:

Param Reported As:

Sector:

PETROLEUM REFINERIES NUM. IN AVERAGE

MISA MONTHLY REPORTING

NOT APPL MONTHLY

Sector: PETROLEUM REFINERIES Component Type:

MAXIMUM

MISA MONTHLY REPORTING Result Structure: Param Reported As: AS C

MONTHLY

PETROLEUM REFINERIES Sector:

Component Type:

MAXIMUM

Result Structure: MISA MONTHLY REPORTING

Param Reported As: AS P Frequency: **MONTHLY**

PETROLEUM REFINERIES Sector:

Component Type:

Result Structure:

Component Type:

Frequency:

Sector:

Param Reported As:

AVERAGE

MISA MONTHLY REPORTING

AS N **MONTHLY**

PETROLEUM REFINERIES

NUM. IN AVERAGE

MISA MONTHLY REPORTING

AS C

MONTHLY

PETROLEUM REFINERIES

Order No: 21010600151

PLANT - PROCESS EFFLUENT Control Point Name: CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: PHENOL Frequency: **MONTHLY**

Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.004984 MINIMUM Value: Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** PHENOLICS. UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPL

Sample Date: **MONTHLY** Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 7.032 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPL 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: **MAXIMUM**

Value: 19.912 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS H2S Frequency: Sample Date: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.091224 **MAXIMUM** Value: Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPL

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Order No: 21010600151

Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID: 0800

Sample Date:

MISA COMPLIANCE Regulation:

Value: 0.012669 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE Regulation:

Value: 0.020082

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

NOT APPL

MONTHLY

AVERAGE

PHENOL

MONTHLY

MAXIMUM

Result Structure:

Component Type:

Result Structure:

Component Type:

Param Reported As: Frequency:

Frequency:

Sector:

Sector:

Param Reported As:

Control Point ID: 0700 Param Reported As: AS P

Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type: **AVERAGE**

Value: 1.6136 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS P

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **MAXIMUM** Component Type:

1.6629 Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: NOT APPL 0700

Sample Date: **MONTHLY** Frequency:

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector: 8.3303 **AVERAGE**

Value: Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

869

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: PHENOL MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **AVERAGE**

0.0077218 Value: Component Type:

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Param Reported As:

Component Type:

NOT APPL

MINIMUM

Order No: 21010600151

0800 **Control Point ID:**

Sample Date:

Frequency: MONTHLY Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013362 Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:** BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS C

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 22.44 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPL Control Point ID: 0700 Param Reported As: Sample Date: Frequency: **MONTHLY**

Regulation: PETROLEUM REFINERIES MISA COMPLIANCE Sector: Value: 6559.6 Component Type: **AVERAGE**

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS C Param Reported As:

Sample Date: Freauency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 14.456 Component Type: MINIMUM

Unit of Measure: KG/D PLANT - PROCESS EFFLUENT Control Point Name: CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPL** Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 6048.2 **AVERAGE** Component Type:

Unit of Measure: M3/D **Control Point Name:**

PLANT - PROCESS EFFLUENT

Parameter Name: FI OW

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Sector:

Component Type:

PETROLEUM REFINERIES

Order No: 21010600151

MINIMUM

Control Point ID: 0700 Param Reported As: AS H2S MONTHLY Frequency:

Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.016499

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **PHENOL** Frequency: MONTHI Y Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 0.056891 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS C MONTHLY

Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: MINIMUM

Value: 13.634 Component Type: KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

NOT APPL Control Point ID: 0700 Param Reported As: Sample Date: **MONTHLY** Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 25.592 **MAXIMUM** Component Type:

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT Control Point Name:**

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPL** Frequency: **MONTHLY** Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.0036756 Component Type: **AVERAGE** Unit of Measure: KG/D

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Control Point Name:

Discharge

PLANT - O.T.C.W.

0000130104-2012 Result Structure: Company Code: MISA MONTHLY REPORTING AS C

Param Reported As:

Component Type:

Frequency:

Sector:

MONTHLY

MINIMUM

PETROLEUM REFINERIES

Order No: 21010600151

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 9.3282 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPL** 0800 Param Reported As: Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type: Value: 0.012209 MINIMUM

PLANT - O.T.C.W. **Control Point Name:** BENZENE C6H6 Parameter Name:

KG/D

MISA Industrial Wastewater

Discharge

Unit of Measure:

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPL** Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE Value: Component Type:

Unit of Measure: PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **PHENOL** Param Reported As:

MONTHLY Sample Date: Frequency: MISA COMPLIANCE

PETROLEUM REFINERIES Regulation: Sector:

Value: 0.070035 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS N Sample Date: Frequency: MONTHLY

Regulation: PETROLEUM REFINERIES MISA COMPLIANCE Sector:

NUM. IN AVERAGE Value: Component Type:

Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS N Param Reported As: Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: **MAXIMUM** Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS C

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 19.65 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPL 0700 Param Reported As:

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE Value: 4 Component Type:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: NOT APPL 0700

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS H2S Param Reported As: Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.046333 Component Type: **AVERAGE**

Unit of Measure: KG/D **Control Point Name:** PLANT - PROCESS EFFLUENT

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: PHENOL

Frequency: Sample Date: MONTHLY Regulation: MISA COMPLIANCE Sector:

PETROLEUM REFINERIES NUM. IN AVERAGE Value: Component Type:

Order No: 21010600151

Unit of Measure:

PLANT - O.T.C.W. Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

Discharge

Result Structure: 0000130104-2012 MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800

Sample Date: Regulation:

MISA COMPLIANCE

Value: 0.42809 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: MISA MONTHLY REPORTING Result Structure:

Param Reported As:

Component Type:

Frequency:

Sector:

AS H2S

MONTHLY

AVERAGE

PETROLEUM REFINERIES

Order No: 21010600151

Control Point ID: **NOT APPL** 0800 Param Reported As: Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: NUM. IN AVERAGE Component Type:

Unit of Measure:

PLANT - O.T.C.W. Control Point Name: Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **NOT APPL** Param Reported As:

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **MAXIMUM**

Value: 0.015009 Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPL**

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MINIMUM Value: 4451 Component Type: Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS P 0700 Param Reported As: MONTHLY Sample Date: Frequency:

Regulation: PETROLEUM REFINERIES MISA COMPLIANCE Sector:

Value: 1.4349 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS H2S Param Reported As:

Sample Date:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MAXIMUM

Frequency:

MONTHLY

Order No: 21010600151

Value: 0.071974 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: AS H2S Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.4973 Component Type: **MAXIMUM**

KG/D Unit of Measure: Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

NOT APPL **Control Point ID:** 0800 Param Reported As: MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 79438.6 Component Type: **AVERAGE**

Unit of Measure: M3/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPL Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **MAXIMUM**

Value: 68021.2 Component Type: Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS C MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 14.074 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS C 0700

Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Sector: Regulation:

Value: 29.793 Component Type: **AVERAGE**

Unit of Measure: KG/D PLANT - PROCESS EFFLUENT **Control Point Name:**

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CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Sector:

Component Type:

PETROLEUM REFINERIES

Order No: 21010600151

MINIMUM

NOT APPL Control Point ID: 0700 Param Reported As: Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Value: 667

M3/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPL** Param Reported As: Frequency: Sample Date: **MONTHLY**

PETROLEUM REFINERIES

Regulation: MISA COMPLIANCE Sector: Value: 10282 Component Type: **MAXIMUM**

Unit of Measure: M3/D **PLANT - PROCESS EFFLUENT Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPL**

Frequency: **MONTHLY** Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 11.147 **AVERAGE** Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPL** Param Reported As: Frequency: Sample Date: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.667 Component Type: MINIMUM

Unit of Measure: KG/D Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING **PHENOL** 0700

Control Point ID: Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.032715 Component Type: MAXIMUM Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure: AS H2S Param Reported As:

Component Type:

MONTHLY

MAXIMUM

PETROLEUM REFINERIES

Order No: 21010600151

Control Point ID: 0700

Sample Date:

Frequency: MISA COMPLIANCE Regulation: Sector:

0.060851 Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPL MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 4.922 Component Type: MINIMUM KG/D

Unit of Measure: **Control Point Name: PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: PHENOL Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.068213 Component Type: **MAXIMUM**

Unit of Measure: KG/D Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: PHENOL Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.056377 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS H2S MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

0.39464 Value: Component Type: MINIMUM

Unit of Measure: KG/D Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS H2S Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.44341 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS P

Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.565 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: PHENOL Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.067308 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

NOT APPL Control Point ID: 0700 Param Reported As: Frequency: MONTHLY Sample Date:

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 6.2533 Component Type: **AVERAGE**

KG/D Unit of Measure: **Control Point Name: PLANT - PROCESS EFFLUENT**

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104-2012 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS H2S **MONTHLY**

Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.057039 Component Type: **AVERAGE**

Unit of Measure: KG/D **Control Point Name:** PLANT - PROCESS EFFLUENT

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Param Reported As: **Control Point ID:** 0700 **PHENOL** Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Order No: 21010600151

Value: 0.0082766 **AVERAGE** Component Type:

KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Sector:

Component Type:

PETROLEUM REFINERIES

Order No: 21010600151

NUM. IN AVERAGE

Control Point ID: 0700 Param Reported As: NOT APPL MONTHLY Frequency:

Sample Date:

Regulation: MISA COMPLIANCE

Value:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: AS H2S

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.48489 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS H2S

Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.47116 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS H2S **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.47752 Component Type: **AVERAGE**

Unit of Measure: KG/D Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPL

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 5531 Component Type: MINIMUM Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING **Control Point ID:** 0800

Sample Date:

Regulation:

MISA COMPLIANCE

Value: Unit of Measure: 0.013214 KG/D

Control Point Name:

PLANT - O.T.C.W.

TOLUENE C7H8 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

0700

Sample Date: Regulation:

MISA COMPLIANCE

Value: Unit of Measure:

18.641 KG/D

Control Point Name: Parameter Name:

PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code:

0000130104-2012

Control Point ID:

0800

Sample Date:

Regulation: MISA COMPLIANCE

Value:

0.013961 KG/D

Unit of Measure: Control Point Name:

PLANT - O.T.C.W.

Parameter Name:

BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: 0700

Control Point ID:

Sample Date:

Regulation: MISA COMPLIANCE

20.998

Value:

Unit of Measure: KG/D

Control Point Name:

PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

0700

Sample Date: Regulation:

MISA COMPLIANCE

Value: Unit of Measure: 7.125

KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

Sample Date:

Regulation: MISA COMPLIANCE

Value: 6.9651 KG/D Unit of Measure:

0700

Result Structure: Param Reported As:

Frequency:

NOT APPL MONTHLY

NOT APPL

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MAXIMUM

NOT APPL

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MONTHLY

AVERAGE

NOT APPL

MONTHLY

MINIMUM

PETROLEUM REFINERIES

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

Param Reported As:

Component Type:

Result Structure:

Component Type:

Result Structure:

Component Type:

Result Structure:

Component Type:

Result Structure:

Component Type:

Frequency:

Sector:

Param Reported As:

Frequency:

Sector:

Sector:

Component Type:

PETROLEUM REFINERIES

MISA MONTHLY REPORTING

AVERAGE

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PLANT - PROCESS EFFLUENT Control Point Name: SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS P

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

1.0394 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPL

MONTHLY Sample Date: Frequency:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 71241.3 Component Type: MINIMUM

Unit of Measure: M3/D **Control Point Name:** PLANT - O.T.C.W.

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: PHENOL 0800 Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.038396 Component Type: **MAXIMUM** Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

PHENOL **Control Point ID:** 0800 Param Reported As: Frequency: MONTHLY Sample Date:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.0086674 MINIMUM Value: Component Type:

Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2012 Result Structure: MISA MONTHLY REPORTING Company Code:

Order No: 21010600151

Control Point ID: 0800 Param Reported As: NOT APPL **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.0076792 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. **TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID: 0800

Sample Date:

MISA COMPLIANCE

Regulation: Value: 0.0017335

Unit of Measure: KG/D

Control Point Name: Parameter Name: **TOLUENE C7H8**

PLANT - O.T.C.W.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 5324 M3/D

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 16.597

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

Sample Date:

Regulation: MISA COMPLIANCE

0700

4.442 Value:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 0800

Control Point ID:

Sample Date:

MISA COMPLIANCE Regulation:

Value: 0.079439

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code:

Control Point ID: Sample Date:

0000130104-2012

0800

MISA MONTHLY REPORTING

NOT APPL Param Reported As: Frequency: **MONTHLY**

Result Structure:

PETROLEUM REFINERIES Sector:

Component Type: MINIMUM

Result Structure: MISA MONTHLY REPORTING

NOT APPL Param Reported As: Frequency: **MONTHLY**

Sector: PETROLEUM REFINERIES

Component Type: MINIMUM

Result Structure: MISA MONTHLY REPORTING Param Reported As: AS C

MONTHLY Frequency:

Sector: PETROLEUM REFINERIES

Component Type: **AVERAGE**

Result Structure: MISA MONTHLY REPORTING

Param Reported As: **NOT APPL** Frequency: MONTHLY

Sector: PETROLEUM REFINERIES

MINIMUM Component Type:

Result Structure: MISA MONTHLY REPORTING

Param Reported As: **PHENOL** Frequency: **MONTHLY**

Result Structure:

Frequency:

Param Reported As:

PETROLEUM REFINERIES Sector: Component Type:

AVERAGE

MONTHLY Order No: 21010600151

PHENOL

MISA MONTHLY REPORTING

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: MINIMUM Component Type:

0.075435 Value:

KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

AS H2S

AVERAGE

Order No: 21010600151

0800 **Control Point ID:** Sample Date:

Param Reported As: Frequency:

MONTHLY Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Component Type:

Value: 0.46514 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPL

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 0.01292 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. **TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPL Control Point ID: 0800 Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.012209 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:** Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPL Control Point ID: 0700 Param Reported As:

Sample Date: Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 12.694 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPL** Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 8549 **MAXIMUM** Component Type:

Unit of Measure: M3/D **Control Point Name:** PLANT - PROCESS EFFLUENT

Parameter Name: FI OW

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPL MONTHLY Frequency:

Sample Date:

Regulation: MISA COMPLIANCE

Value: 6.5208 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Sector:

Component Type:

PETROLEUM REFINERIES

Order No: 21010600151

MAXIMUM

Control Point ID: 0700 Param Reported As: **NOT APPL**

Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES MINIMUM

Value: 2.8562 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPL**

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: **MAXIMUM** Component Type:

Value: 5.9435 KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

AS H2S **Control Point ID:** 0700 Param Reported As: Sample Date: **MONTHLY** Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.048377 MINIMUM Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS H2S Frequency: **MONTHLY** Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.48865 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Result Structure: MISA MONTHLY REPORTING Company Code: AS H2S

Param Reported As:

Component Type:

Component Type:

NUM. IN AVERAGE

NUM. IN AVERAGE

Order No: 21010600151

Control Point ID:

Sample Date:

MONTHLY Frequency: PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value:

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS H2S Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value:

Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **PHENOL** Frequency: Sample Date: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

0.005856 **MINIMUM** Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 NOT APPL Param Reported As:

Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.012854 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPL Frequency: **MONTHLY**

Sample Date:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MAXIMUM Value: 10.72 Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 PHENOL Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.067897 **AVERAGE** Component Type:

KG/D Unit of Measure:

PLANT - O.T.C.W. **Control Point Name:**

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS H2S Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 0.040992 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS H2S

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.048286 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D **Control Point Name:** PLANT - PROCESS EFFLUENT

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2012 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: Param Reported As: NOT APPL 0700

MONTHLY Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 5856 Component Type: MINIMUM Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **PHENOL** Param Reported As: Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 0.10024 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

886

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS P Frequency: **MONTHLY** Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 0.72479 Component Type:

Unit of Measure: KG/D PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

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Discharge

0000130104-2012 Company Code:

Control Point ID: 0700

Sample Date: Regulation:

MISA COMPLIANCE

Value: 9476.8

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID: Sample Date:

0700

MISA COMPLIANCE Regulation:

Value: 1.7506

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE Regulation:

Value: 13.417

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

Sample Date:

Regulation: MISA COMPLIANCE

0700

Value: 9.9591

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Company Code: 0000130104-2012

Control Point ID:

Value:

Unit of Measure:

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

887

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

NOT APPL Control Point ID: 0700 Param Reported As:

MISA MONTHLY REPORTING

Param Reported As: **NOT APPL** Frequency:

Result Structure:

Component Type:

Result Structure:

Sector:

MONTHLY

Sector: PETROLEUM REFINERIES

AVERAGE

MISA MONTHLY REPORTING

Param Reported As: AS P Frequency: **MONTHLY**

PETROLEUM REFINERIES

AVERAGE Component Type:

Result Structure: MISA MONTHLY REPORTING

NOT APPL Param Reported As: Frequency: MONTHLY

PETROLEUM REFINERIES Sector:

Component Type: **AVERAGE**

Result Structure: MISA MONTHLY REPORTING

NOT APPL

MONTHLY

AVERAGE

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

Param Reported As: **NOT APPL** Frequency: **MONTHLY**

PETROLEUM REFINERIES Sector:

AVERAGE Component Type:

Result Structure:

Component Type:

Frequency:

Sector:

Param Reported As:

Discharge

0700

Sample Date:

Regulation: MISA COMPLIANCE

9.4876 KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

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Sample Date:

Regulation: MISA COMPLIANCE

Value: 14.335

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID:

0700

Sample Date: Regulation:

MISA COMPLIANCE

Value: 2.8429

KG/D Unit of Measure: Control Point Name:

PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

0800

Sample Date:

MISA COMPLIANCE Regulation: Value: 68212.3

Unit of Measure:

M3/D PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0800

Sample Date:

Regulation: MISA COMPLIANCE

Value: 63344.8

M3/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID: 0800

Sample Date:

Regulation: MISA COMPLIANCE

Value: 67308.3 Unit of Measure: M3/D

PLANT - O.T.C.W. **Control Point Name:**

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0800

Sample Date:

MISA COMPLIANCE Regulation:

Value: 0.06927

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

Frequency: MONTHLY

PETROLEUM REFINERIES Sector:

Component Type: MAXIMUM

MISA MONTHLY REPORTING Result Structure:

Param Reported As: **NOT APPL** Frequency: MONTHLY

PETROLEUM REFINERIES Sector:

Component Type: MINIMUM

Result Structure: MISA MONTHLY REPORTING

NOT APPL Param Reported As: MONTHLY Frequency:

PETROLEUM REFINERIES Sector:

Component Type: **MAXIMUM**

Result Structure: MISA MONTHLY REPORTING

Param Reported As: NOT APPL Frequency: MONTHLY

Sector: PETROLEUM REFINERIES

Component Type: **AVERAGE**

MISA MONTHLY REPORTING Result Structure:

Param Reported As: NOT APPL MONTHLY Frequency:

Sector: PETROLEUM REFINERIES

Component Type: MINIMUM

Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Param Reported As: PHENOL Frequency: MONTHLY

PETROLEUM REFINERIES Sector:

Component Type: **MAXIMUM** Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 PHENOL

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Frequency: MONTHLY

Sector: PETROLEUM REFINERIES

Value: 0.068217 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 NOT APPL

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 50.022 Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name:PLANT - PROCESS EFFLUENTParameter Name:RESIDUE,PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPL

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:8.337Component Type:MAXIMUMUnit of Measure:KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS C
Sample Date: Param Reported As: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 21.815 Component Type: MINIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

<u>Discharge</u>

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: PHENOL

Sample Date: Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:0.067208Component Type:AVERAGE

Order No: 21010600151

Value:0.067208Component Type:Unit of Measure:KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE Regulation:

7.6544 Value: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID: 0800

Sample Date:

MISA COMPLIANCE Regulation:

Value: 0.012669

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 35.849

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 4922

Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

0700 Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.004922

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: 0700

Control Point ID:

Sample Date:

MISA COMPLIANCE Regulation:

Result Structure:

Param Reported As:

AS H2S

Frequency:

MONTHLY

Sector:

PETROLEUM REFINERIES

MISA MONTHLY REPORTING

NOT APPL

MONTHLY

AVERAGE

NOT APPL MONTHLY

AVERAGE

AS C

MONTHLY

MAXIMUM

NOT APPL

MONTHLY

MINIMUM

PHENOL MONTHLY

MINIMUM

Result Structure:

Component Type:

Frequency:

Sector:

Param Reported As:

Order No: 21010600151

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890

0.060403 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPL

Sample Date: **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **MAXIMUM**

Value: 38396 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS P

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 1.3324 Component Type: **MAXIMUM**

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

NOT APPL Control Point ID: 0800 Param Reported As:

Frequency: MONTHLY Sample Date:

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 0.013604 Component Type: **MAXIMUM** KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104-2012 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: NOT APPL

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7.3652 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Param Reported As: **Control Point ID:** 0700 AS C

Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Order No: 21010600151

Value: 31.916 **MAXIMUM** Component Type: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: CARBON, DISSOLVED ORGANIC

Unit of Measure:

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Sector:

Component Type:

PETROLEUM REFINERIES

Order No: 21010600151

MINIMUM

Control Point ID: 0700 Param Reported As: NOT APPL MONTHLY Sample Date: Frequency:

Regulation:

MISA COMPLIANCE

Value: 5454

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPL

Sample Date: Frequency: MONTHLY MISA COMPLIANCE

PETROLEUM REFINERIES Regulation: Sector: Value: Component Type: **MAXIMUM** 9688

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS P Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 1.3836 Component Type: **MAXIMUM** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: PHOSPHORUS.UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS P

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.79225 Component Type: MINIMUM

PHOSPHORUS, UNFILTERED TOTAL

Unit of Measure: KG/D Control Point Name: PLANT - PROCESS EFFLUENT

MISA Industrial Wastewater **Discharge**

Parameter Name:

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPL**

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 8.2992 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING **Control Point ID:** 0700

Sample Date:

Frequency: MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Param Reported As:

Component Type:

AS H2S

MONTHLY

MINIMUM

Order No: 21010600151

0.035315 Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **PHENOL** Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.071241 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: AS H2S Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.12864 Component Type: **AVERAGE**

KG/D Unit of Measure: Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPL** 0800 Param Reported As:

Sample Date: MONTHLY Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type: **MAXIMUM**

Value: 75045.1 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

NOT APPL Control Point ID: 0700 Param Reported As: Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 11817 Component Type: **MAXIMUM**

M3/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS P 0700

Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.89547 Component Type: **MAXIMUM** KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS P Frequency: **MONTHLY**

Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.68627 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPL

Sample Date: **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.014248 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPL 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Component Type: MINIMUM

Value: 4442 Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS P Frequency: Sample Date: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

1.2245 **MAXIMUM** Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104-2012 Result Structure: MISA MONTHLY REPORTING Company Code:

Order No: 21010600151

Control Point ID: 0700 Param Reported As: NOT APPL

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 9.139 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID: 0800

Sample Date: Regulation:

MISA COMPLIANCE

Value: 0.045966

Unit of Measure: KG/D **Control Point Name:**

PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0800

Sample Date:

MISA COMPLIANCE Regulation:

Value: 0.015296

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID: 0800

Sample Date:

Regulation: MISA COMPLIANCE

Value: 75434.9 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID:

Sample Date:

Regulation: MISA COMPLIANCE

0.086075 Value:

Unit of Measure: KG/D

Control Point Name:

PLANT - O.T.C.W.

0800

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 0800

Control Point ID:

Sample Date:

MISA COMPLIANCE Regulation:

Value: 0.52805

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

895

Company Code: 0000130104-2012

Control Point ID: Sample Date:

0800

Result Structure: MISA MONTHLY REPORTING

Param Reported As: AS H2S MONTHLY Frequency:

Result Structure:

Component Type:

Frequency:

Sector:

Param Reported As:

Frequency:

Sector:

Param Reported As:

Frequency:

Sector:

Param Reported As:

Param Reported As: Frequency:

Frequency:

Sector:

Sector:

Param Reported As:

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

NOT APPL

MONTHLY

MAXIMUM

NOT APPL

MONTHLY

MINIMUM

NOT APPL **MONTHLY**

MINIMUM

PHENOL

MONTHLY

MAXIMUM

AS H2S

MONTHLY

MINIMUM

Order No: 21010600151

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: **AVERAGE** Component Type:

Value: 0.55607

KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Component Type:

NOT APPL

MONTHLY

MAXIMUM

Order No: 21010600151

0700 **Control Point ID:** Param Reported As: Frequency:

Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 19.074 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPL

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

Control Point Name: PLANT - O.T.C.W. BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPL Control Point ID: 0800 Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: 0.014007 Component Type: **MAXIMUM**

KG/D Unit of Measure:

PLANT - O.T.C.W. **Control Point Name:** Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPL Control Point ID: 0800 Param Reported As: Sample Date: Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 65157 Component Type: **AVERAGE**

Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W. **FLOW** Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **PHENOL** Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.065157 **AVERAGE** Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Sector:

Component Type:

PETROLEUM REFINERIES

Order No: 21010600151

AVERAGE

Control Point ID: 0800 Param Reported As: AS H2S MONTHLY Frequency:

Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.4561

Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name:

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPL** Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.079186 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. **TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS N Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: **AVERAGE** Component Type:

KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

NOT APPL Control Point ID: 0700 Param Reported As: Sample Date: **MONTHLY** Frequency:

Regulation: PETROLEUM REFINERIES MISA COMPLIANCE Sector:

Value: 5.2263 **AVERAGE** Component Type:

Unit of Measure: KG/D **PLANT - PROCESS EFFLUENT Control Point Name:**

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS H2S Frequency: **MONTHLY** Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.041496 Component Type: MINIMUM KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Result Structure: Company Code: MISA MONTHLY REPORTING 0700 AS H2S Param Reported As:

Frequency:

Component Type:

Sector:

MONTHLY

MAXIMUM

PETROLEUM REFINERIES

Order No: 21010600151

Control Point ID:

Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.058359 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPL** 0800 Param Reported As: Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Component Type: Value: 0.01373 **AVERAGE** Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:** BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: **NOT APPL** Frequency: Sample Date: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

56890.1 **MINIMUM** Value: Component Type: Unit of Measure: M3/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 NOT APPL Param Reported As:

Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 0.011378 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. **TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPL

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.0063776 Component Type: MINIMUM

Unit of Measure: KG/D Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **NOT APPL** Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

66449.2 Value: **AVERAGE** Component Type:

Unit of Measure: M3/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Param Reported As: **Control Point ID:** 0800 PHENOL Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 0.066362 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS H2S

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.47528 Component Type: **AVERAGE**

Unit of Measure: KG/D **Control Point Name:** PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: Param Reported As: NOT APPL 0800

MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.013272 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 NOT APPL Param Reported As: Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: Component Type: NUM. IN AVERAGE

Unit of Measure: **Control Point Name:** PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS C **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

MINIMUM 15.803 Value: Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Result Structure: 0000130104-2012 MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 Param Reported As: **NOT APPL MONTHLY** Frequency:

Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.013214 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: MISA MONTHLY REPORTING Result Structure:

Sector:

Component Type:

PETROLEUM REFINERIES

Order No: 21010600151

MINIMUM

Control Point ID: 0800 Param Reported As: **PHENOL** Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.066069 MINIMUM Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **NOT APPL** Param Reported As:

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: **AVERAGE**

Value: 7463 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: PHENOL **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

0.000667 MINIMUM Value: Component Type:

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS. UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: AS P 0700 Param Reported As: MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: Component Type: NUM. IN AVERAGE

Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

NOT APPL Control Point ID: 0700 Param Reported As:

Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: Component Type: MINIMUM

MONTHLY

Order No: 21010600151

8.948 Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPL** Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 10.282 Component Type: **MAXIMUM**

KG/D Unit of Measure: PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS H2S MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.06959 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS H2S Frequency: **MONTHLY** Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.03178 Component Type: MINIMUM

Unit of Measure: KG/D **Control Point Name: PLANT - PROCESS EFFLUENT**

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS H2S MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.04843 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: NOT APPL 0800

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.011276 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:**

BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

NOT APPL Control Point ID: 0800 Param Reported As: Sample Date: Frequency: **MONTHLY**

Value: 0.011276

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES MINIMUM

Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **PHENOL** Param Reported As: Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.005594 Value: Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPL**

Frequency: **MONTHLY** Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MINIMUM Value: 5.928 Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPL** Param Reported As: Frequency: Sample Date: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 7.847 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPL** 0700 Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 8.6218 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure: NOT APPL Param Reported As:

Frequency:

Component Type:

Sector:

MONTHLY

MINIMUM

PETROLEUM REFINERIES

Order No: 21010600151

Control Point ID: 0700

Sample Date: Regulation:

MISA COMPLIANCE

0.341 Value:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPL MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 39.04 Component Type: **MAXIMUM**

RESIDUE, PART LOSS ON IGNIT.

Unit of Measure: KG/D **Control Point Name: PLANT - PROCESS EFFLUENT**

MISA Industrial Wastewater

Discharge

Parameter Name:

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPL Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 32.536 Component Type: **AVERAGE**

Unit of Measure: KG/D Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: PHENOL Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.005454 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: PHENOL **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

0.009688 Value: Component Type: MAXIMUM

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: AS P Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.96663 MINIMUM Value: Component Type:

Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPL

Sample Date: **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **MAXIMUM**

Value: 0.013604 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. **TOLUENE C7H8** Parameter Name:

KG/D

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPL**

Sample Date: Frequency: MONTHLY MISA COMPLIANCE

PETROLEUM REFINERIES Regulation: Sector: 10.884 Component Type: **AVERAGE**

Value: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

NOT APPL Control Point ID: 0700 Param Reported As: Frequency: MONTHLY Sample Date:

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 6.911 Component Type: MINIMUM

KG/D Unit of Measure: **Control Point Name: PLANT - PROCESS EFFLUENT**

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

0000130104-2012 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS H2S **MONTHLY**

Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.043267 Component Type: **AVERAGE**

Unit of Measure: KG/D **Control Point Name:** PLANT - PROCESS EFFLUENT

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

NOT APPL Control Point ID: 0800 Param Reported As:

Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Order No: 21010600151

Value: 0.0076792 **MAXIMUM** Component Type:

KG/D Unit of Measure: Control Point Name: PLANT - O.T.C.W.

Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS N Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.080925 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPL

Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 15.978 Component Type: **MAXIMUM** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS H2S Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.049712 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS H2S MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.52501 Component Type: MAXIMUM

Unit of Measure: KG/D Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: **NOT APPL** MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 68111.9 Component Type: **AVERAGE**

Unit of Measure: M3/D

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800

Sample Date:

MONTHLY Frequency: MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

NOT APPL

MAXIMUM

Order No: 21010600151

Param Reported As:

Component Type:

69806 Value: Unit of Measure: M3/D

PLANT - O.T.C.W. **Control Point Name:**

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS H2S Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.4499 Component Type: **AVERAGE**

KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0800 Param Reported As: **PHENOL** Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.068112 Component Type: **AVERAGE**

KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: **PHENOL** 0700 Param Reported As: Sample Date: MONTHLY

Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES Component Type: **AVERAGE**

Value: 0.0076544 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

NOT APPL Control Point ID: 0700 Param Reported As: Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 8.187 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:** Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: **NOT APPL** 0700

Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 2.6185 Component Type: MINIMUM KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: SOLVENT EXTRACTABLES Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Sector:

Component Type:

Component Type:

PETROLEUM REFINERIES

Order No: 21010600151

MINIMUM

MAXIMUM

Control Point ID: 0800 Param Reported As: **NOT APPL** Frequency: **MONTHLY**

Sample Date: Regulation:

MISA COMPLIANCE

0.014248 Value:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 Param Reported As: NOT APPL

MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.015001 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: PHENOL 0800 Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.073107 Component Type: **AVERAGE**

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

PHENOL Control Point ID: 0800 Param Reported As: Frequency: MONTHLY Sample Date:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.0646 MINIMUM Value: Component Type:

Unit of Measure: KG/D Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2012 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0700 Param Reported As: AS C

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 26.718 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0800 PHENOL Param Reported As: Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE Regulation: PETROLEUM REFINERIES Sector: **AVERAGE**

Value: 0.064271 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPL 0700 Param Reported As: Frequency: **MONTHLY** Sample Date:

MISA COMPLIANCE Regulation: Sector: PETROLEUM REFINERIES

Value: 7606.6 Component Type: **AVERAGE**

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **PHENOL** Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE Sector:

PETROLEUM REFINERIES

Value: 0.004442 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS P Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.86246 **AVERAGE** Value: Component Type:

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: NOT APPL 0700

Sample Date: **MONTHLY** Frequency:

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 8 693 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Order No: 21010600151

Control Point ID: 0800 Param Reported As: AS H2S MONTHLY Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector: MINIMUM Component Type:

Value: 0.45219 KG/D Unit of Measure:

Control Point Name:

PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Param Reported As:

Component Type:

Frequency:

Sector:

NOT APPL

MONTHLY

AVERAGE

PETROLEUM REFINERIES

Order No: 21010600151

0800 **Control Point ID:**

Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.01329 Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name: TOLUENE C7H8** Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS C

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES **MAXIMUM**

Value: 22.105 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPL Control Point ID: 0800 Param Reported As: Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: 0.013031 Component Type: **AVERAGE**

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:** Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

NOT APPL Control Point ID: 0700 Param Reported As:

Sample Date: Freauency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: 5594 **MINIMUM**

Value: Component Type: Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS H2S Sample Date: MONTHLY Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.047471 **AVERAGE** Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0700

Sample Date:

Regulation: MISA COMPLIANCE

Value: 4 7639

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

0700

Sample Date: Regulation:

MISA COMPLIANCE

Value:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID:

Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.011378

KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W. Parameter Name: BENZENE C6H6

0800

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID: 0800

Sample Date:

MISA COMPLIANCE Regulation:

Value: 63008.2 M3/D

Unit of Measure:

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 0800

Control Point ID:

Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.031309

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Result Structure: MISA MONTHLY REPORTING

Param Reported As: NOT APPL

MONTHLY Frequency:

Sector: PETROLEUM REFINERIES

Component Type: **AVERAGE**

Result Structure: MISA MONTHLY REPORTING

Param Reported As: AS H2S

Frequency: **MONTHLY** Sector:

PETROLEUM REFINERIES

NUM. IN AVERAGE Component Type:

MISA MONTHLY REPORTING Result Structure:

Param Reported As: **NOT APPL** Frequency: MONTHLY

PETROLEUM REFINERIES Sector:

MINIMUM Component Type:

Result Structure: MISA MONTHLY REPORTING

NOT APPL Param Reported As: MONTHLY Frequency:

PETROLEUM REFINERIES Sector:

MAXIMUM Component Type:

Result Structure: MISA MONTHLY REPORTING

Param Reported As: **NOT APPL** Frequency: MONTHLY

Sector: PETROLEUM REFINERIES

Order No: 21010600151

Component Type: **AVERAGE**

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0000130104-2012 Result Structure: Company Code: MISA MONTHLY REPORTING AS N

Param Reported As:

Component Type:

MAXIMUM

Order No: 21010600151

Control Point ID: 0700

Sample Date:

MONTHLY Frequency: PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 0.3237

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name:

AMMONIUM+AMMONIA, TOTAL FILTER.REAC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS P 0700

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 1.1619 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: **NOT APPL**

Frequency: Sample Date: **MONTHLY** Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

NUM. IN AVERAGE Value: Component Type:

Unit of Measure: **PLANT - PROCESS EFFLUENT Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **PHENOL** Param Reported As: Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.012481 Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 MISA MONTHLY REPORTING Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPL

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 7.463 Component Type: **AVERAGE**

KG/D Unit of Measure: Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 **NOT APPL** Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013579 **AVERAGE** Component Type:

Unit of Measure: KG/D

PLANT - O.T.C.W. **Control Point Name:** Parameter Name: BENZENE C6H6

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Param Reported As: **Control Point ID:** 0800 NOT APPL

Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES MISA COMPLIANCE Regulation: Sector:

Value: 67896.8 Component Type: **AVERAGE**

Unit of Measure: M3/D PLANT - O.T.C.W. Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: NOT APPL 0800 Param Reported As:

MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.013579 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

0000130104-2012 Result Structure: Company Code: MISA MONTHLY REPORTING

Control Point ID: Param Reported As: AS C 0700

MONTHLY Sample Date: Frequency:

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 6.3639 Component Type: MINIMUM

Unit of Measure: KG/D **Control Point Name: PLANT - PROCESS EFFLUENT** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 NOT APPL Param Reported As: Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 341 Component Type: MINIMUM M3/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS H2S Frequency: Sample Date: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.055391 **MAXIMUM** Value:

Order No: 21010600151

Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID: 0800

Sample Date:

Regulation: MISA COMPLIANCE

Value: 1.3227 Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W. Parameter Name: **TOLUENE C7H8**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 MISA MONTHLY REPORTING Result Structure:

Control Point ID: NOT APPL 0700 Param Reported As: Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Result Structure:

Component Type:

Frequency:

Sector:

Param Reported As:

MISA MONTHLY REPORTING

PETROLEUM REFINERIES

NOT APPL

MONTHLY

MAXIMUM

AVERAGE

MAXIMUM

Order No: 21010600151

Value: 4.8248 **AVERAGE** Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT

SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Control Point Name: Parameter Name:

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 AS C Param Reported As:

Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 19.531 Component Type: Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

CARBON, DISSOLVED ORGANIC Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS P Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

MAXIMUM Value: 1.3161 Component Type: Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT PHOSPHORUS.UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

Result Structure: MISA MONTHLY REPORTING Company Code: 0000130104-2012

Component Type:

Control Point ID: **NOT APPL** 0700 Param Reported As: MONTHLY Sample Date: Frequency:

Regulation: PETROLEUM REFINERIES MISA COMPLIANCE Sector:

Value: 13245 Unit of Measure: M3/D

PLANT - PROCESS EFFLUENT Control Point Name:

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **PHENOL** Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation:MISA COMPLIANCESector:PETROLEUM REFINERIESValue:0.011448Component Type:AVERAGE

Value: 0.011448 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS P
Sample Date: Prequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 1.1051 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPL Sample Date: Prequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 7.4595 Component Type: AVERAGE

Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 PHENOL

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.063345 Component Type: AVERAGE

Unit of Measure: KG/D
Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS H2S
Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.47749Component Type:MAXIMUMUnit of Measure:KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: NOT APPL

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value:0.013854Component Type:MAXIMUMUnit of Measure:KG/D

Control Point Name: PLANT - O.T.C.W.

BENZENE C6H6 Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

NOT APPL Control Point ID: 0700 Param Reported As: Sample Date: Frequency: **MONTHLY**

Value: 14.521

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: Component Type: **MAXIMUM**

Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 **PHENOL** Param Reported As: Frequency: Sample Date: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.02172 Component Type: **MAXIMUM**

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: AS P Frequency: MONTHLY Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 2.1055 Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: PHOSPHORUS, UNFILTERED TOTAL Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 **NOT APPL** Param Reported As: Sample Date: Frequency: **MONTHLY**

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 13.328 Component Type: **MAXIMUM** KG/D

Unit of Measure: Control Point Name: **PLANT - PROCESS EFFLUENT**

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPL** 0700 Param Reported As:

Sample Date: Frequency: **MONTHLY**

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 4.592 Component Type: **AVERAGE** Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Sample Date: Param Reported As: AS P Frequency: MONTHLY

Regulation: MISA COMPLIANCE

Sector: PETROLEUM REFINERIES

Order No: 21010600151

Value: 1.1259 Unit of Measure: KG/D Component Type: AVERAGE

Control Point Name: PLANT - PROCESS EFFLUENT
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 AS C

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 28.76 Component Type: MAXIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - PROCESS F

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 PHENOL

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.068021 Component Type: MAXIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - O.T.C.W.

Parameter Name: PHENOLICS, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS H2S
Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value:0.47615Component Type:MAXIMUMUnit of Measure:KG/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0800
 Param Reported As:
 AS H2S

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.46248 Component Type: MINIMUM

Unit of Measure: KG/D
Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

 Control Point ID:
 0700
 Param Reported As:
 NOT APPL

 Sample Date:
 Frequency:
 MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

MAXIMUM Value: 17.252 Component Type:

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT **Control Point Name:** RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0700 Param Reported As: NOT APPL

Sample Date: **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 5.454 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PART LOSS ON IGNIT. Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPL**

Sample Date: Frequency: MONTHLY

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 3.237 Component Type: MINIMUM Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

NOT APPL Control Point ID: 0700 Param Reported As:

Frequency: MONTHLY Sample Date: MISA COMPLIANCE

PETROLEUM REFINERIES Regulation: Sector: MINIMUM

Value: 0.91923 Component Type: KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater

Discharge

0000130104-2012 Result Structure: MISA MONTHLY REPORTING Company Code:

Control Point ID: 0800 Param Reported As: PHENOL **MONTHLY**

Sample Date: Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.061156 Component Type: **AVERAGE** Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING Param Reported As: **Control Point ID:** 0700 AS C

Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE Sector:

PETROLEUM REFINERIES Regulation: Value:

Order No: 21010600151

25.804 **MAXIMUM** Component Type: KG/D Unit of Measure:

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: CARBON, DISSOLVED ORGANIC

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Sector:

Component Type:

PETROLEUM REFINERIES

Order No: 21010600151

AVERAGE

Control Point ID: 0700 Param Reported As: NOT APPL MONTHLY Sample Date: Frequency:

Regulation:

MISA COMPLIANCE

Value: 6468.8

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

FLOW Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPL

Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector:

Value: 8.337 Component Type: **MAXIMUM** Unit of Measure: KG/D

Control Point Name: **PLANT - PROCESS EFFLUENT** Parameter Name: RESIDUE, PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPL** 0700 Param Reported As:

Sample Date: Frequency: MONTHLY

PETROLEUM REFINERIES Regulation: MISA COMPLIANCE Sector: **AVERAGE**

Value: Component Type: 6.5596 Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT **Control Point Name:**

Parameter Name: RESIDUE.PART LOSS ON IGNIT.

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: PHENOL **MONTHLY** Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 0.06681 Component Type: MINIMUM

Unit of Measure: KG/D

PLANT - O.T.C.W. Control Point Name:

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: **NOT APPL** MONTHLY Sample Date: Frequency:

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Value: 6.371 Component Type: **AVERAGE**

KG/D Unit of Measure:

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING **Control Point ID:** 0700

Sample Date:

Param Reported As: **MONTHLY** Frequency: MISA COMPLIANCE PETROLEUM REFINERIES Sector:

Component Type:

Param Reported As:

Component Type:

Component Type:

Sector:

Component Type:

Component Type:

Frequency:

Sector:

NOT APPL

MINIMUM

PHENOL

MONTHLY

MAXIMUM

AVERAGE

AVERAGE

MINIMUM

PETROLEUM REFINERIES

PETROLEUM REFINERIES

Order No: 21010600151

Regulation: Value:

5.045 Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800

Sample Date:

MISA COMPLIANCE

Regulation: Value: 0.068474

KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: MISA MONTHLY REPORTING Result Structure:

Control Point ID: **NOT APPL** 0800 Param Reported As: Sample Date: Frequency: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 0.0036756

KG/D Unit of Measure:

Control Point Name: PLANT - O.T.C.W. Parameter Name: **BENZENE C6H6**

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code: Result Structure: MISA MONTHLY REPORTING

Control Point ID: **NOT APPL** 0800 Param Reported As: Frequency: MONTHLY

Sample Date:

Regulation: MISA COMPLIANCE

Value: 18377.8 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

NOT APPL Control Point ID: 0800 Param Reported As: Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 8667.4 M3/D Unit of Measure:

PLANT - O.T.C.W. **Control Point Name:**

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: 0800 Param Reported As: AS H2S Sample Date: **MONTHLY** Frequency:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

Value: 0.26877 Component Type: **MAXIMUM** KG/D

Unit of Measure:

PLANT - O.T.C.W. Control Point Name:

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Component Type:

MINIMUM

Order No: 21010600151

Control Point ID: 0800 Param Reported As: AS H2S Frequency: **MONTHLY**

Sample Date:

Regulation: MISA COMPLIANCE Sector: PETROLEUM REFINERIES

0.060672 Value:

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

SULPHIDE, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPL

Sample Date: **MONTHLY** Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 7629.2 Component Type: **AVERAGE**

Unit of Measure: M3/D

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name: FI OW

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012 Result Structure: MISA MONTHLY REPORTING

Control Point ID: PHENOL 0800 Param Reported As:

Sample Date: Frequency: MONTHLY

Regulation: MISA COMPLIANCE PETROLEUM REFINERIES Sector: Value: 0.031888 Component Type: MINIMUM

Unit of Measure: KG/D

Control Point Name: PLANT - O.T.C.W.

PHENOLICS, UNFILTERED REACTIVE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: AS P Frequency: Sample Date: **MONTHLY**

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

0.41963 MINIMUM Value: Component Type:

Unit of Measure: KG/D

PLANT - PROCESS EFFLUENT Control Point Name: Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

MISA Industrial Wastewater

Discharge

0000130104-2012 MISA MONTHLY REPORTING Company Code: Result Structure:

Control Point ID: 0700 Param Reported As: NOT APPL **MONTHLY** Sample Date: Frequency:

MISA COMPLIANCE PETROLEUM REFINERIES Regulation: Sector:

Value: 6.731 Component Type: MINIMUM Unit of Measure: KG/D

Control Point Name: PLANT - PROCESS EFFLUENT RESIDUE, PARTICULATE Parameter Name:

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID: 0700

Sample Date:

MISA COMPLIANCE

Regulation: Value: 8.6688

KG/D Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

0800

Sample Date:

Regulation: MISA COMPLIANCE

Value: 0.60252 KG/D

Unit of Measure:

Control Point Name: PLANT - O.T.C.W.

Parameter Name: SULPHIDE, UNFILTERED REACTIVE

MISA Industrial Wastewater

Discharge

0000130104-2012 Company Code:

Control Point ID: 0800

Sample Date:

Regulation: MISA COMPLIANCE

Value: 73106.9 Unit of Measure: M3/D

Control Point Name: PLANT - O.T.C.W.

Parameter Name: **FLOW**

MISA Industrial Wastewater

Discharge

Company Code:

Control Point ID:

Sample Date:

Regulation: MISA COMPLIANCE

0700

11.963 Value:

Unit of Measure: KG/D Control Point Name:

PLANT - PROCESS EFFLUENT Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater

Discharge

Company Code: 0000130104-2012

Control Point ID:

Sample Date:

MISA COMPLIANCE Regulation:

Value: 15.884 KG/D

Unit of Measure: **Control Point Name:**

PLANT - PROCESS EFFLUENT Parameter Name: CARBON, DISSOLVED ORGANIC

Site: PETRO-CANADA PRODUCTS - MISSISSAUGA LUBRICANTS CENTER

MISSISSAUGA ON

Company Code: 0000130104 Sector:

Works ID: 33 Region: MOE CENTRAL REGION 3612 MOE HALTON-PEEL DISTRICT District: SIC:

MISA MONTHLY REPORTING Result Structure:

NOT APPL Param Reported As: Frequency: **MONTHLY**

PETROLEUM REFINERIES Sector:

Component Type: **AVERAGE**

Result Structure: MISA MONTHLY REPORTING

AS H2S Param Reported As: Frequency: MONTHLY

Sector: PETROLEUM REFINERIES

Component Type: **MAXIMUM**

Result Structure: MISA MONTHLY REPORTING

Param Reported As: **NOT APPL MONTHLY** Frequency:

Sector: PETROLEUM REFINERIES

Component Type: **AVERAGE**

0000130104-2012 Result Structure: MISA MONTHLY REPORTING

> Param Reported As: **NOT APPL** Frequency: MONTHLY

PETROLEUM REFINERIES Sector:

AVERAGE Component Type:

Result Structure: MISA MONTHLY REPORTING 0700

Param Reported As: AS C MONTHLY Frequency:

PETROLEUM REFINERIES Sector:

Component Type: **AVERAGE**

Order No: 21010600151

Database: **SRDS**

SIC1: UTM Zone: SIC1 Desc: UTM Easting: SIC2: **UTM Northing:** SIC2 Desc: **UTM Precision:**

LAKE ONTARIO SIC3: Minor Basin: SIC3 Desc: Major Basin: **GREAT LAKES** Report Year: 2010

Body of Water: Terminal Stream:

SIC Desc: LUB. OIL & GREASE

000385 SOUTHDOWN RD ,000385SOUTHDOWN RD,,MISSISSAUGA,ONTARIO,CANADA,L5J 2Y3 Mailing Address: 385 SOUTHDOWN RD ,385 SOUTHDOWN RD ,MISSISSAUGA,ONTARIO,CANADA,L5J 2Y3 Corp Address:

MISA Industrial Wastewater

Discharge

0000130104 Company Code: Result Structure: **Control Point ID:** 0800 Param Reported As: Frequency:

Sample Date: Regulation: Sector: PETROLEUM REFINERIES

Value: Component Type:

Unit of Measure:

Control Point Name: PLANT - ONCE THROUGH COOLING WATER (OTCW)

Parameter Name:

MISA Industrial Wastewater

Discharge

Company Code: 0000130104 Result Structure: 0700 **Control Point ID:** Param Reported As:

Sample Date: Frequency: Regulation: Sector: PETROLEUM REFINERIES

Value: Component Type:

Unit of Measure:

Control Point Name: PLANT - PROCESS EFFLUENT

Parameter Name:

Site: Petro-Canada Lubricants Inc.

Clarkson Refinery Mississauga ON L5J 2Y3

Approval No: A220111

Mob Unit Cert No: EBR Registry No:

Revoked and/or Replaced Status:

Facility Type:

Record Type: **ECA** Link Source: **IDS**

WASTE DISPOSAL SITES Project Type:

Application Status:

2010-07-29 Issue Date: Input Date:

Date Received: Est Closure Date: Mobile Capacity: Mobile Units: Mobile Description: Prop City:

Prop Postal: Prop Phone: Serial Link: **ECA-WASTE DISPOSAL SITES** Approval Type:

Proponent:

Prop Address: Proponent County/District:

Full Address: Clarkson Refinery

Site Lot:

Waste Class Code:

Database:

Order No: 21010600151

Total Area (ha): Landfill Cap (m3):

Transfer Area (ha): Transfer Cap (m³): Transfer Cert No:

Inciner. Area (ha): Inciner. Cap (t): Process Area (m3): Process Cap (m3/d):

Process Vol (m3): Process Feed (m3): Site Concession: Site Region/County: SWP Area Name: **MOE District:** District Office: Latitude:

Longitude: Geometry X: Geometry Y: Waste Class:
Waste Type:
Waste Type Other:
Waste Description:
Landfill Monitoring:
Landfill Ctrl Type:
Site Closing Description:
Project Description:
Municipalities Served:
Approval Description:
Other Approvals/Permits:

https://www.accessenvironment.ene.gov.on.ca/instruments/5404-838SYP-14.pdf

Total Area (ha):

Landfill Cap (m3):

Transfer Area (ha):

Transfer Cap (m3):

Transfer Cert No:

Inciner. Area (ha):

Process Area (m3):

Process Vol (m³):

Site Concession: Site Region/County:

SWP Area Name: MOE District:

District Office:

Latitude:

Longitude:

Geometry X:

Geometry Y:

Process Feed (m3):

Process Cap (m3/d):

Inciner. Cap (t):

Site: Petro-Canada Lubricants Inc.

Clarkson Refinery Mississauga ON L5J 2Y3

Approval No: A220111

Mob Unit Cert No: EBR Registry No:

Status: Revoked and/or Replaced

Facility Type:

PDF URL:

Record Type: ECA Link Source: IDS

Project Type: WASTE DISPOSAL SITES

Application Status:

Issue Date: 2015-11-10

Input Date:
Date Received:
Est Closure Date:
Mobile Capacity:
Mobile Units:
Mobile Description:
Prop City:
Prop Postal:

Serial Link:
Approval Type: ECA-WASTE DISPOSAL SITES

Proponent:

Prop Phone:

Prop Address:

Proponent County/District:

Full Address: Clarkson Refinery

Site Lot:
Waste Class Code:
Waste Class:
Waste Type:
Waste Type Other:
Waste Description:
Landfill Monitoring:
Landfill Ctrl Type:

Site Closing Description: Project Description: Municipalities Served: Approval Description: Other Approvals/Permits:

PDF URL: https://www.accessenvironment.ene.gov.on.ca/instruments/0338-8BHLH3-14.pdf

Database: WDS

Order No: 21010600151

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. **Note:** Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.

Abandoned Aggregate Inventory:

Provincial

AAGR

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial AGR

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

Government Publication Date: Up to Sep 2020

Abandoned Mine Information System:

Provincial

AMIS

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private

ANDR

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial

AST

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private

AUWR

Order No: 21010600151

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Dec 31, 2020

Borehole: Provincial BORE

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2018

Commercial Fuel Oil Tanks:

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Chemical Manufacturers and Distributors:

Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jan 31, 2020

<u>Chemical Register:</u> Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-Dec 31, 2020

Compressed Natural Gas Stations:

Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 -Apr 2021

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial

COAL

CONV

Order No: 21010600151

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Nov 2020

Certificates of Property Use: Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994-Apr 30, 2021

Drill Hole Database:

Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks:

Provincial DTNK

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: Jul 31, 2020

Environmental Activity and Sector Registry:

Provincial EASR

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

Government Publication Date: Oct 2011-Apr 30, 2021

Environmental Registry:

Provincial EBR

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994-Apr 30, 2021

Environmental Compliance Approval:

Provincial FCA

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Oct 2011- Apr 30, 2021

Environmental Effects Monitoring:

Federal

EEM

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private EHS

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Jan 31, 2021

Environmental Issues Inventory System:

Federal

EIIS

Order No: 21010600151

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial EMHE

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial

EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2020

List of Expired Fuels Safety Facilities:

Provincial

EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Federal Convictions: Federal FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal

-CS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Apr 2021

Fisheries & Oceans Fuel Tanks:

Federal

FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal

FRST

Order No: 21010600151

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

Government Publication Date: May 31, 2018

For Formical FST Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Fuel Storage Tank - Historic:

Provincial FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Jan 31, 2021

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents:

Provincial HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

NC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing in a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Landfill Inventory Management Ontario:

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Feb 28, 2019

Canadian Mine Locations:

Private

MINE

Order No: 21010600151

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Dec 2020

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2019

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Mar 31, 2021

National Energy Board Wells:

Federal

NEBP

Order No: 21010600151

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal NPRI

Federal

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Feb 28, 2021

Ontario Oil and Gas Wells:

Provincial OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Jun 2020

Inventory of PCB Storage Sites:

Provincial

OPCB

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

Government Publication Date: 1987-Oct 2004; 2012-Dec 2013

Orders: Provincial ORD

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

Government Publication Date: 1994-Apr 30, 2021

<u>Canadian Pulp and Paper:</u> Private PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks:

Federal

PCFT

Order No: 21010600151

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005

Pesticide Register:

Provincial PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: Oct 2011-Apr 30, 2021

Provincial PINC Provincial PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 31, 2020

Private and Retail Fuel Storage Tanks:

Provincial

PRT

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

Government Publication Date: 1994-Apr 30, 2021

Ontario Regulation 347 Waste Receivers Summary:

Provincial

REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Government Publication Date: 1986-1990, 1992-2018

Record of Site Condition:

Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Apr 2021

Retail Fuel Storage Tanks:

Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Dec 31, 2020

Scott's Manufacturing Directory:

Private

SCT

Order No: 21010600151

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Aug 2020

Wastewater Discharger Registration Database:

Provincial

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 2018

Private Anderson's Storage Tanks: **TANK**

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal **TCFT**

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks:

Provincial

VAR

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Waste Disposal Sites - MOE CA Inventory:

Provincial

WDS

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

Government Publication Date: Oct 2011-Apr 30, 2021

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

WDSH

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

WWIS

Order No: 21010600151

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Apr 30, 2020

Definitions

<u>Database Descriptions:</u> This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

<u>Detail Report</u>: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

<u>Distance:</u> The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

<u>Direction</u>: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

<u>Map Key:</u> The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

<u>Unplottables:</u> These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

Order No: 21010600151

APPENDIX C Technical Standards and Safety Authority Correspondence - July and August 2021

Justine Chin-Cheong

To: Public Information Services

Subject: RE: [External] RE: TSSA Preliminary Search Request - Matrix Solutions

From: Public Information Services <publicinformationservices@tssa.org>

Sent: Friday, July 09, 2021 3:22 PM

To: Justine Chin-Cheong < jccheong@matrix-solutions.com>

Subject: RE: [External] RE: TSSA Preliminary Search Request - Matrix Solutions

Please refrain from sending documents to head office and only submit your requests electronically via email along with credit card payment. We are all working remotely and mailing in applications with cheques will lengthen the overall processing time.

NO RECORD FOUND

Hello,

Thank you for your request for confirmation of public information.

• We confirm that there are records in our database of fuel storage tanks at the subject addresses:

INSTANCE NUMI	ADDRESS	CITY	PROVINCE	POSTAL CODE	STATUS	FACILITY/DEVICE 3
39606345	1300 LAKESHORE RD E	MISSISSAUG	A ON	L5E 1E9	ACTIVE	FS FUEL OIL TANK

For a further search in our archives please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformation.aspx?_mid_=392 and email the completed form to publicinformation.aspx?_mid_=392 and email the completed form to publicinformationservices@tssa.org along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind regards,

Sherees



Public Information Agent

Facilities and Business Services 345 Carlingview Drive Toronto, Ontario M9W 6N9 Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationservices@tssa.org

www.tssa.org





f 💆 💢 😩

From: Justine Chin-Cheong < jccheong@matrix-solutions.com>

Sent: July 9, 2021 11:31 AM

To: Public Information Services <publicinformationservices@tssa.org>

Cc: Chloe Zhang <cyzhang@matrix-solutions.com>

Subject: RE: [External] RE: TSSA Preliminary Search Request - Matrix Solutions

[CAUTION]: This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Good morning Saara,

Could you please complete a TSSA preliminary search for records of USTs for the following properties:

Part A

1230 Lakeshore Rd E, Mississauga, ON L5E 1E9

1258 Lakeshore Rd E, Mississauga, ON L5E 1E9

1260 Lakeshore Rd E, Mississauga, ON L5E 3B8

1300 Lakeshore Rd E, Mississauga, ON L5E 1E9

1300 A Lakeshore Rd E, Mississauga, ON L5E 1E9

1352 Lakeshore Rd E, Mississauga, ON L5E 1E9

Part C

2 Queen St W, Mississauga, ON L5H 1L4

6 Queen St W, Mississauga, ON L5H 1L4

22 Queen St W, Mississauga, ON L5H 1L4

28 Queen St W, Mississauga, ON L5H 1L4

Thanks,

Justine Chin-Cheong, B.Sc., E.I.T.

Environmental EIT and Project Manager

MATRIX SOLUTIONS INC.

D 403.206.0555

C 403.585.0208

Justine Chin-Cheong

To: Public Information Services

Subject: RE: [External] RE: TSSA Preliminary Search Request - Matrix Solutions

From: Public Information Services <publicinformationservices@tssa.org>

Sent: Tuesday, July 13, 2021 10:34 AM

To: Justine Chin-Cheong < jccheong@matrix-solutions.com>

Subject: RE: [External] RE: TSSA Preliminary Search Request - Matrix Solutions

Please refrain from sending documents to head office and only submit your requests electronically via email along with credit card payment. We are all working remotely and mailing in applications with cheques will lengthen the overall processing time.

NO RECORD FOUND

Hello,

Thank you for your request for confirmation of public information.

• We confirm that there are records in our database of fuel storage tanks at the subject addresses:

INSTANCE NUMBER	ADDRESS	CITY	PROVINCE *	POSTAL CODE	STATUS *	FACILITY/DEVICE
9191872	1052 SOUTHDOWN RD	MISSISSAUGA	ON	L5J 2Y8	EXPIRED	FS GASOLINE STATION - SELF SERVE
9193965	1052 SOUTHDOWN RD	MISSISSAUGA	ON	L5J 2Y8	EXPIRED	FS PROPANE REFILL CNTR - CYLR FILL
13733351	900 SOUTHDOWN RD	MISSISSAUGA	ON	L5J 2Y4	ACTIVE	FS PROPANE REFILL CNTR - CYLR FILL
13748119	900 SOUTHDOWN RD	MISSISSAUGA	ON	L5J 2Y4	ACTIVE	FS PROPANE TANK
79467	900 SOUTHDOWN RD	MISSISSAUGA	ON	L5J 2Y4	ACTIVE	ED ELEVATORS
9892168	900 SOUTHDOWN RD	MISSISSAUGA	ON	L5J 2Y4	EXPIRED	FS PROPANE REFILL CNTR - CYLR FILL

For a further search in our archives please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392 and email the completed form to publicinformationservices@tssa.org along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind regards,

Sherees



Public Information Agent

Facilities and Business Services 345 Carlingview Drive Toronto, Ontario M9W 6N9

Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationservices@tssa.org

www.tssa.org



From: Justine Chin-Cheong < jccheong@matrix-solutions.com>

Sent: July 12, 2021 3:09 PM

To: Public Information Services < <u>publicinformationservices@tssa.org</u>>

Cc: Chloe Zhang cyzhang@matrix-solutions.com

Subject: RE: [External] RE: TSSA Preliminary Search Request - Matrix Solutions

[CAUTION]: This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Hi Saara,

Could you please complete a TSSA preliminary search for records of USTs for the following properties:

- 34 Queen St W, Mississauga, ON L5H 1L4

- 1052 Southdown Rd, Mississauga, ON L5J 2Y8
- 980 Southdown Rd, Mississauga, ON L5J 2Y4
- 970 Southdown Rd, Mississauga, ON L5J 0A3
- 960 Southdown Rd, Mississauga, ON L5J 2Y4
- 950 Southdown Rd, Mississauga, ON L5J 2Y4
- 930 Southdown Rd, Mississauga, ON L5J 2Y4
- 920 Southdown Rd, Mississauga, ON L5J 2Y4
- 910 Southdown Rd, Mississauga, ON L5J 2Y4
- 900 Southdown Rd, Mississauga, ON L5J 2Y4

Thanks,

Justine Chin-Cheong, B.Sc., E.I.T.

Environmental EIT and Project Manager

MATRIX SOLUTIONS INC.

D 403.206.0555

C 403.585.0208

Justine Chin-Cheong

To: Public Information Services

Subject: RE: [External] RE: TSSA Preliminary Search Request - Matrix Solutions

From: Public Information Services <publicinformationservices@tssa.org>

Sent: Wednesday, August 04, 2021 3:57 PM

To: Justine Chin-Cheong < jccheong@matrix-solutions.com>

Subject: RE: [External] RE: TSSA Preliminary Search Request - Matrix Solutions

Please refrain from sending documents to head office and only submit your requests electronically via email along with credit card payment. We are all working remotely and mailing in applications with cheques will lengthen the overall processing time.

NO RECORD FOUND

Hello Justine,

Thank you for your request for confirmation of public information.

We confirm that there are no records in our database of any fuel storage tanks at the subject addresses.

For a further search in our archives please complete our release of public information form found at https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?mid_=392 and email the completed form to publicinformationservices@tssa.org along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind regards,

Mariah



Public Information Agent

Facilities and Business Services 345 Carlingview Drive Toronto, Ontario M9W 6N9

Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: <u>publicinformationservices@tssa.org</u>

www.tssa.org



From: Justine Chin-Cheong < jccheong@matrix-solutions.com

Sent: August 4, 2021 3:36 PM

To: Public Information Services < publicinformationservices@tssa.org>

Subject: RE: [External] RE: TSSA Preliminary Search Request - Matrix Solutions

[CAUTION]: This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Hi there,

Can you please complete a TSSA preliminary search for records of USTs for the following properties:

- 20 Lakeshore Rd E
- 22 Lakeshore Rd E
- 35 Front St N
- 49 Mississauga Rd N
- 29 Elizabeth St N
- 70 Wesley Ave
- 140 Queen St W
- 10 Queen St W
- 26 Stavebank Rd
- 30 Stavebank Rd

Thanks,

Justine Chin-Cheong, B.Sc., E.I.T.

Environmental EIT and Project Manager

MATRIX SOLUTIONS INC.

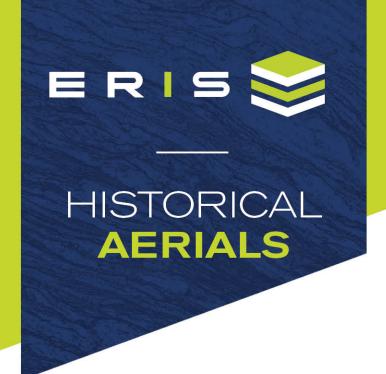
D 403.206.0555

C 403.585.0208

APPENDIX D

Environmental Risk Information Service Aerial Imagery for New Credit River Active Transportation (AT)

Bridge Study



Project Property: Mississauga Lakeshore EA Part C

Mississauga Lakeshore EA Part C

Mississauga ON

Project No: 32259

Requested By: Matrix Solutions Inc.

Order No: 21010600151 **Date Completed:** June 08, 2021

Decade	Year	Image Scale	Source
1920	Not Available		
1930	1931	15000	NAPL
1940	1946	20000	NAPL
1960	1965	20000	NAPL

Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Inc.(in the US) and ERIS Information Limited Partnership (in Canada), both doing business and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS', using aerial photos listed in above sources. The maps contained in this report does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Environmental Risk Information Services

A division of Glacier Media Inc.

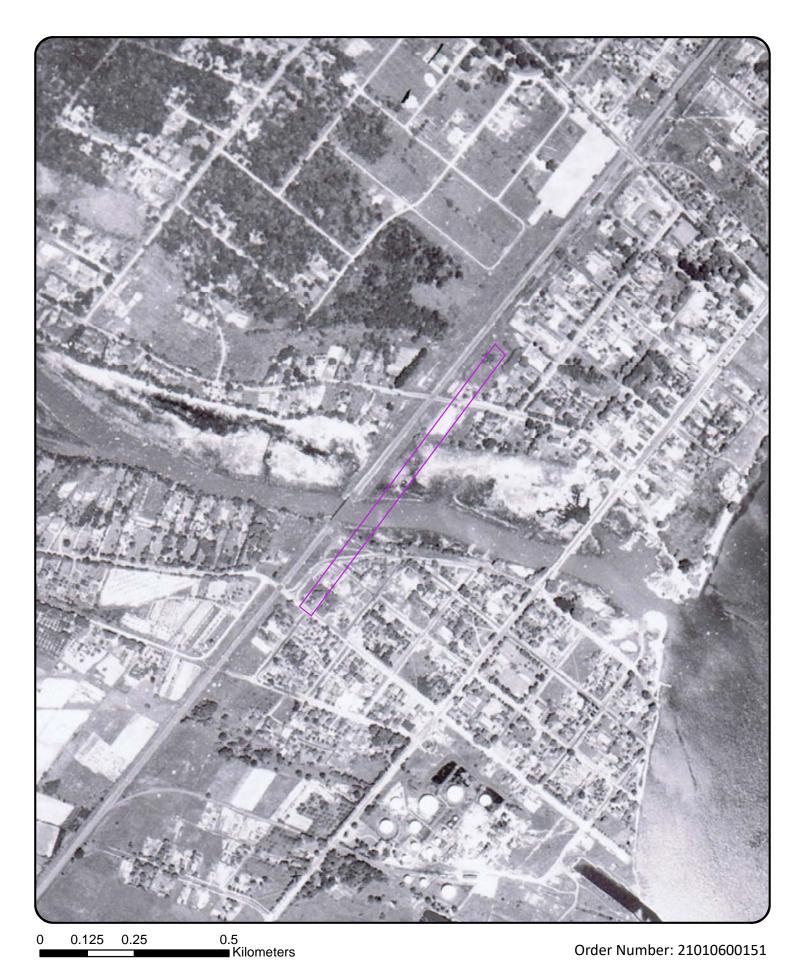
1.866.517.5204 | info@erisinfo.com | erisinfo.com



Year: 1931 Source: NAPL Map Scale: 1: 10000

Comments:

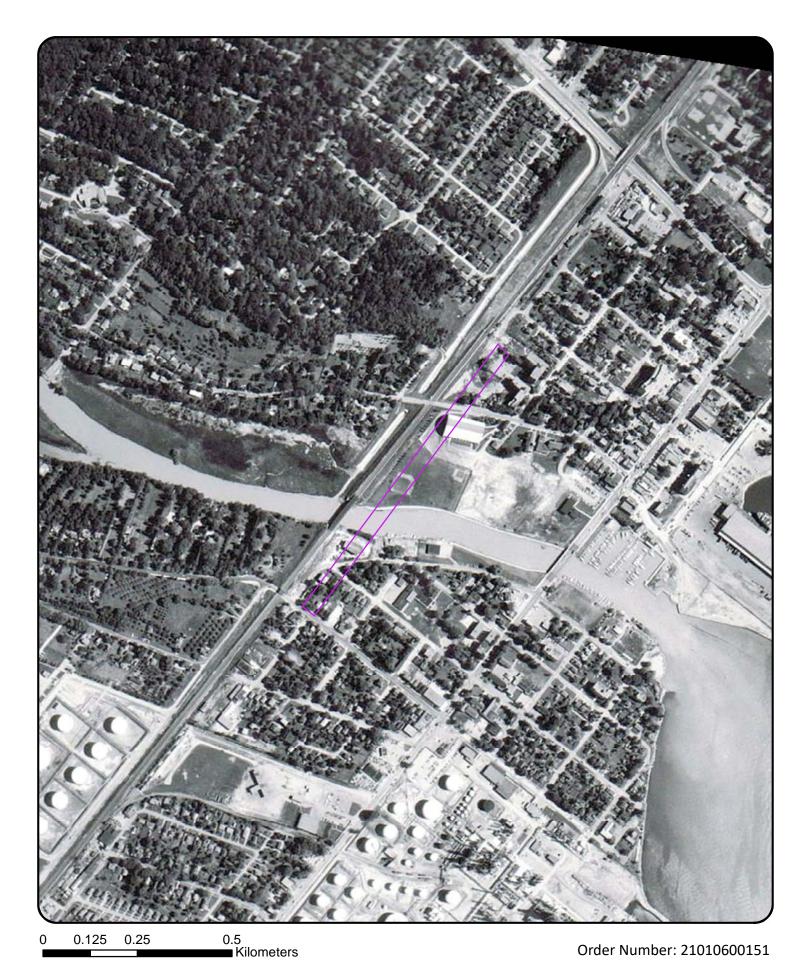




Year: 1946 Source: NAPL Map Scale: 1: 10000

Comments:



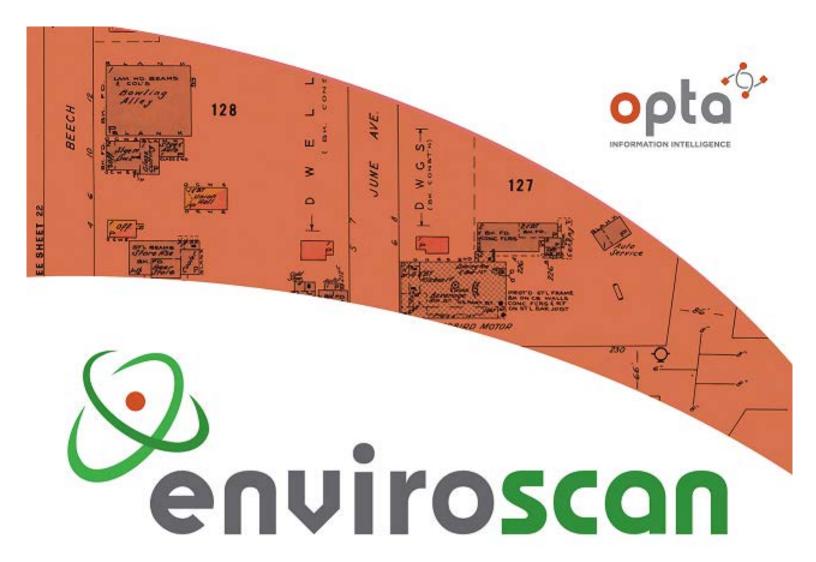


Year: 1965 Source: NAPL Map Scale: 1: 10000

Comments:



APPENDIX E Fire Insurance Plans









An SCM Company

175 Commerce Valley Drive W Markham, Ontario L3T 7Z3

T: 905-882-6300 W: www.optaintel.ca

Report Completed By:

Stephanie

Site Address:

10 Queen St W Mississauga ON Canada

Project No:

18514233023.12.01 Opta Order ID: 92105 Requested by:

Chloe Zhang Matrix Solutions Inc.

Date Completed:

6/22/2021 9:48:41 AM

Page: 2 Project Name: Mississauga EA Phase I ESAs Project #: 18514233023.12.01

ENVIROSCAN Report

Search Area: 10 Queen St W Mississauga ON

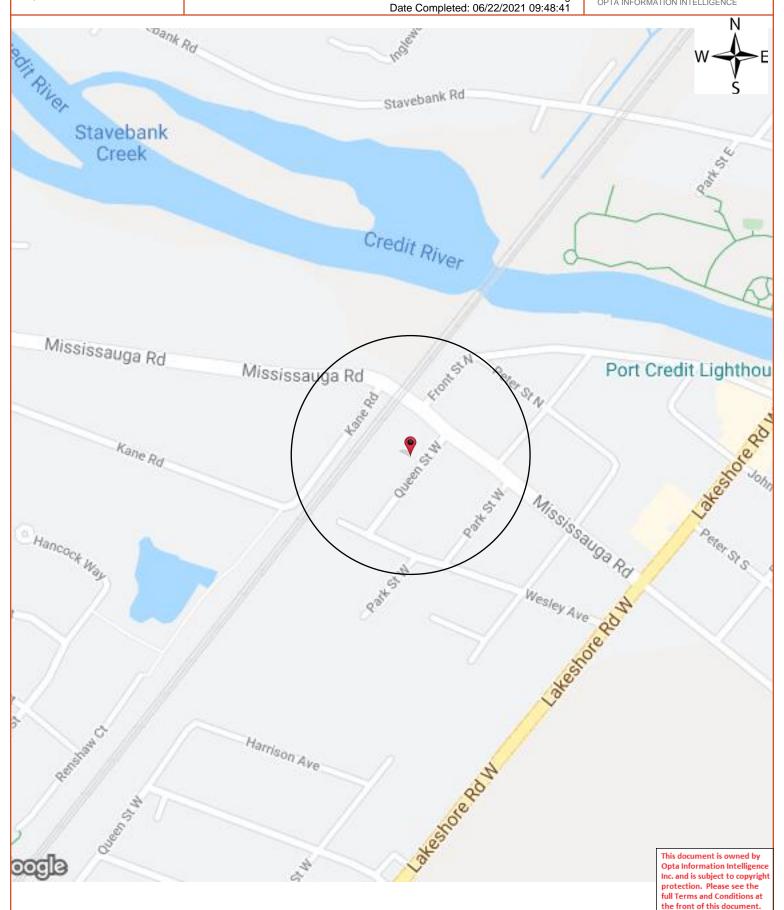
Canada

Requested by:

Chloe Zhang



OPTA INFORMATION INTELLIGENCE



Page: 3

Project Name: Mississauga EA

Phase I ESAs

Project #: 18514233023.12.01

ENVIROSCAN Report

Opta Historical Environmental Services Enviroscan Terms and Conditions

Requested by: Chloe Zhang Date Completed: 06/22/2021 09:48:41



OPTA INFORMATION INTELLIGENCE

Opta Historical Environmental Services Enviroscan Terms and Conditions

Report

The documents (hereinafter referred to as the "Documents") to be released as part of the report (hereinafter referred to as the "Report") to be delivered to the purchaser as set out above are documents in Opta's records relating to the described property (hereinafter referred to as the "Property"). Opta makes no representations or warranties respecting the Documents whatsoever, including, without limitation, with respect to the completeness, accuracy or usefulness of the Documents, and does not represent or warrant that these are the only plans and reports prepared in association with the Property or in Opta's possession at the time of Report delivery to the purchaser. The Documents are current as of the date(s) indicated on them. Interpretation of the Documents, if any, is by inference based upon the information which is apparent and obvious on the face of the Documents only. Opta does not represent, warrant or guarantee that interpretations other than those referred to do not exist from other sources. The Report will be prepared for use by the purchaser of the services as shown above hereof only.

Disclaimer

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Entire Agreement

The parties hereto acknowledge and agree to be bound by the terms and conditions hereof. The request form constitutes the entire agreement between the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements, negotiations and discussions, whether oral or written, and there are no representations or warranties, or other agreements between the parties in connection with the subject matter hereof except as specifically set forth herein. No supplement, modification, waiver, or termination of the request shall be binding, unless confirmed in writing by the parties hereto.

Governing Document

In the event of any conflicts or inconsistencies between the provisions hereof and the Reports, the rights and obligations of the parties shall be deemed to be governed by the request form, which shall be the paramount document.

Law

This agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.



175 Commerce Valley Drive W

Markham, Ontario

L3T 7Z3

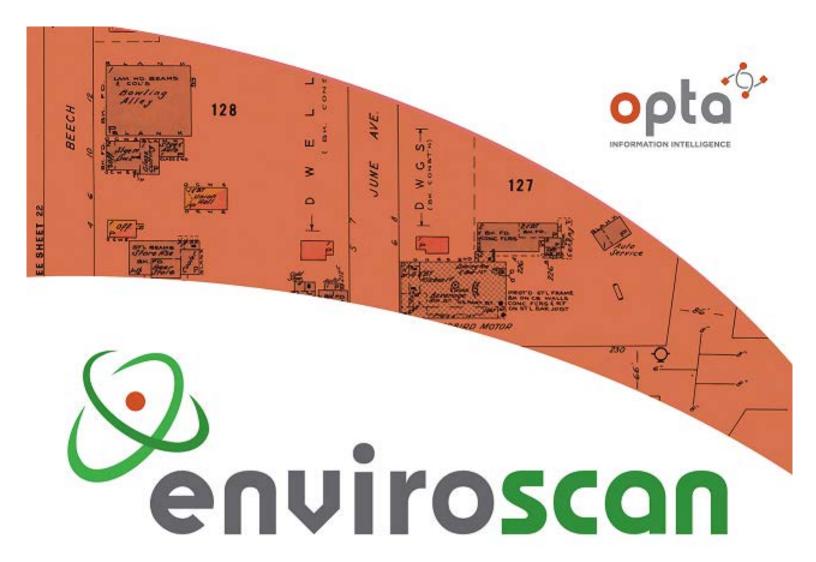
T: 905.882.6300

Toll Free: 905.882.6300

F: 905.882.6300

An SCM Company

www.optaintel.ca









An SCM Company

175 Commerce Valley Drive W Markham, Ontario L3T 7Z3

T: 905-882-6300 W: www.optaintel.ca

Report Completed By:

Midori

Site Address:

40 Stavebank Road, Mississauga, ON, Canada

Project No:

18514233023.12.01 Opta Order ID: 92102 Requested by:

Chloe Zhang Matrix Solutions Inc.

Date Completed:

6/22/2021 8:03:22 AM

Page: 2 Project Name: Mississauga EA Phase I ESAs Project #: 18514233023.12.01

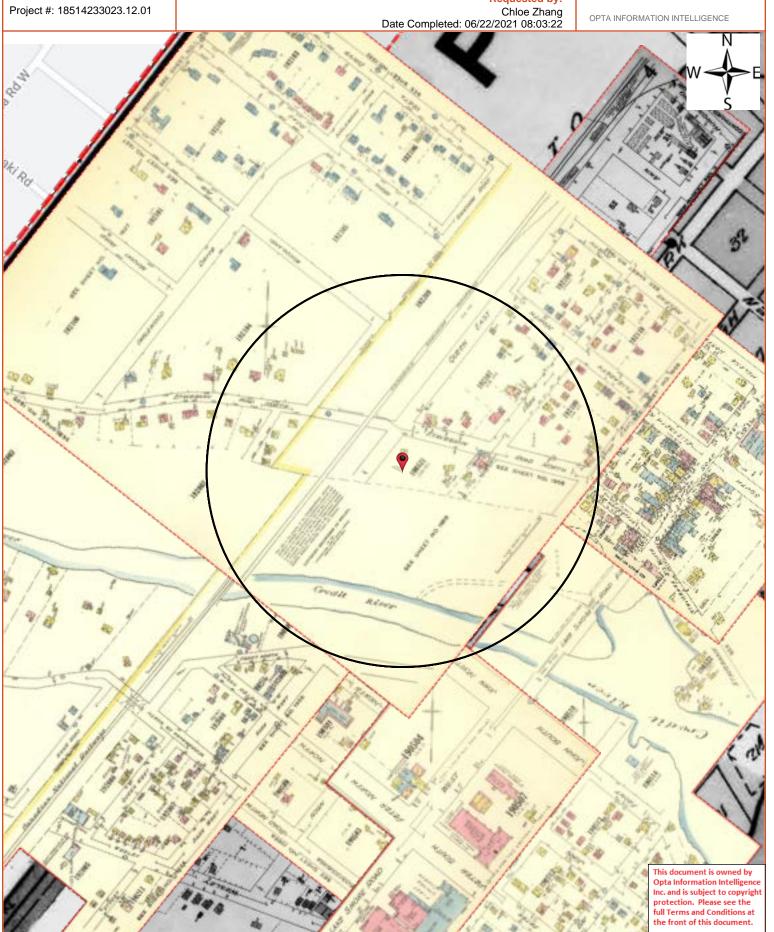
ENVIROSCAN Report

Search Area: 40 Stavebank Road, Mississauga, ON,

Canada

Requested by:





Page: 3

Project Name: Mississauga EA Phase I ESAs

Hase I Lons

Project #: 18514233023.12.01

ENVIROSCAN Report

Opta Historical Environmental Services Enviroscan Terms and Conditions

Requested by: Chloe Zhang Date Completed: 06/22/2021 08:03:22



OPTA INFORMATION INTELLIGENCE

Opta Historical Environmental Services Enviroscan Terms and Conditions

Report

The documents (hereinafter referred to as the "Documents") to be released as part of the report (hereinafter referred to as the "Report") to be delivered to the purchaser as set out above are documents in Opta's records relating to the described property (hereinafter referred to as the "Property"). Opta makes no representations or warranties respecting the Documents whatsoever, including, without limitation, with respect to the completeness, accuracy or usefulness of the Documents, and does not represent or warrant that these are the only plans and reports prepared in association with the Property or in Opta's possession at the time of Report delivery to the purchaser. The Documents are current as of the date(s) indicated on them. Interpretation of the Documents, if any, is by inference based upon the information which is apparent and obvious on the face of the Documents only. Opta does not represent, warrant or guarantee that interpretations other than those referred to do not exist from other sources. The Report will be prepared for use by the purchaser of the services as shown above hereof only.

Disclaimer

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Entire Agreement

The parties hereto acknowledge and agree to be bound by the terms and conditions hereof. The request form constitutes the entire agreement between the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements, negotiations and discussions, whether oral or written, and there are no representations or warranties, or other agreements between the parties in connection with the subject matter hereof except as specifically set forth herein. No supplement, modification, waiver, or termination of the request shall be binding, unless confirmed in writing by the parties hereto.

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175 Commerce Valley Drive W

Markham, Ontario

L3T 7Z3

T: 905.882.6300

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ENVIROSCAN Report

Page: 4
Project Name: Mississauga EA
Phase I ESAs

Project #: 18514233023.12.01

Report Index



Requested by:

Chloe Zhang Date Completed: 06/22/2021 08:03:22

OPTA INFORMATION INTELLIGENCE

Report Title
(1910) Volume: Ontario Miscellaneous Firemap: 1
(1910) Volume: Ontario Miscellaneous Firemap: 1
(1910) Volume: Port Credit Firemap: 2
(1928) Volume: Ontario Miscellaneous Firemap: 1
(1928) Volume: Port Credit Firemap: 2
(1928) Volume: Port Credit Firemap: 4
(1928) Volume: Port Credit Firemap: 7
(1952) Volume: Toronto Volume 19 Firemap: 1905
(1952) Volume: Toronto Volume 19 Firemap: 1905
(1952) Volume: Toronto Volume 19 Firemap: 1906
(1952) Volume: Toronto Volume 19 Firemap: 1920
(1952) Volume: Toronto Volume 19 Firemap: 1921

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Project Name: Mississauga EA

Phase I ESAs

Project #: 18514233023.12.01

ENVIROSCAN Report

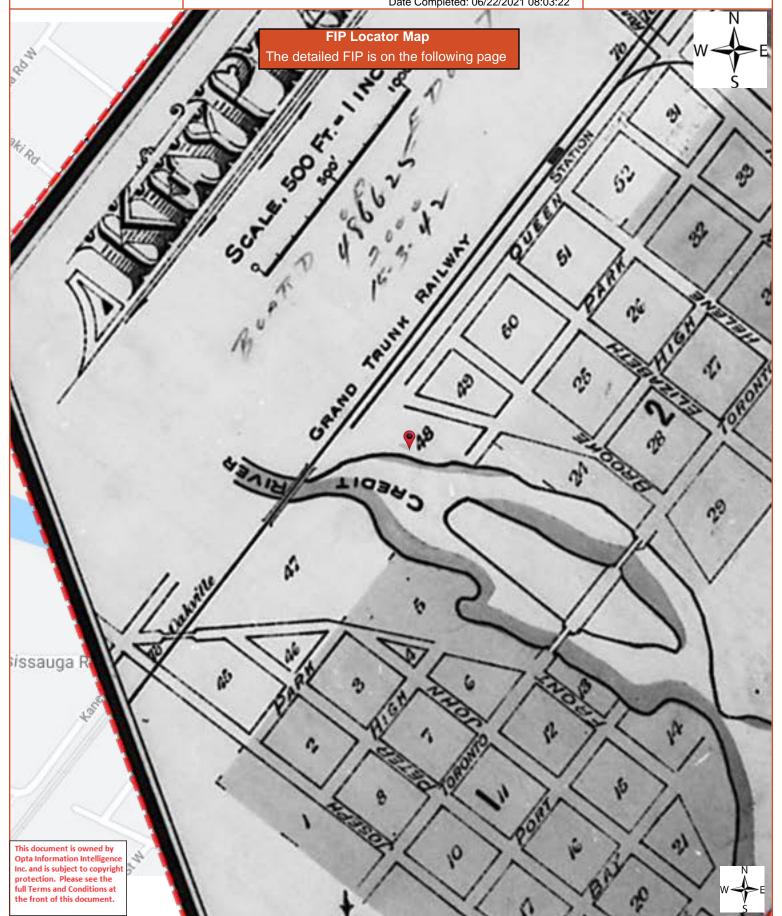
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Port Credit Plan: 1564 (1910)

Sheet: 1 (1910) Chloe Zhang Date Completed: 06/22/2021 08:03:22



OPTA INFORMATION INTELLIGENCE



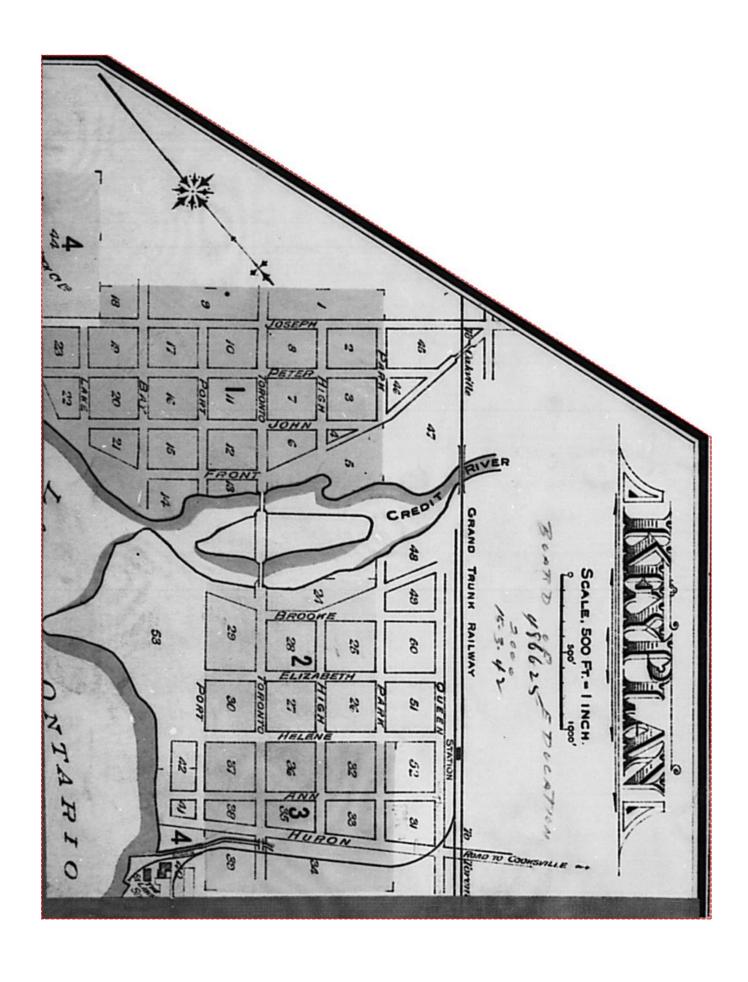
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Phase I ESAs
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ENVIROSCAN Report

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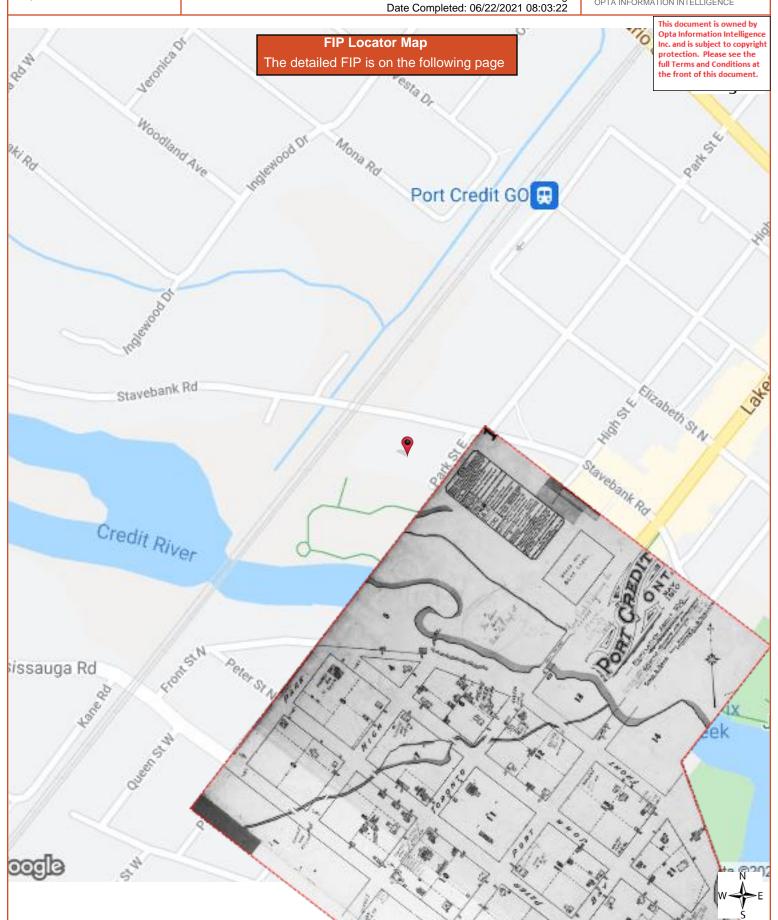
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Sheet: 1 (1910)

Requested by:
Chloe Zhang



OPTA INFORMATION INTELLIGENCE



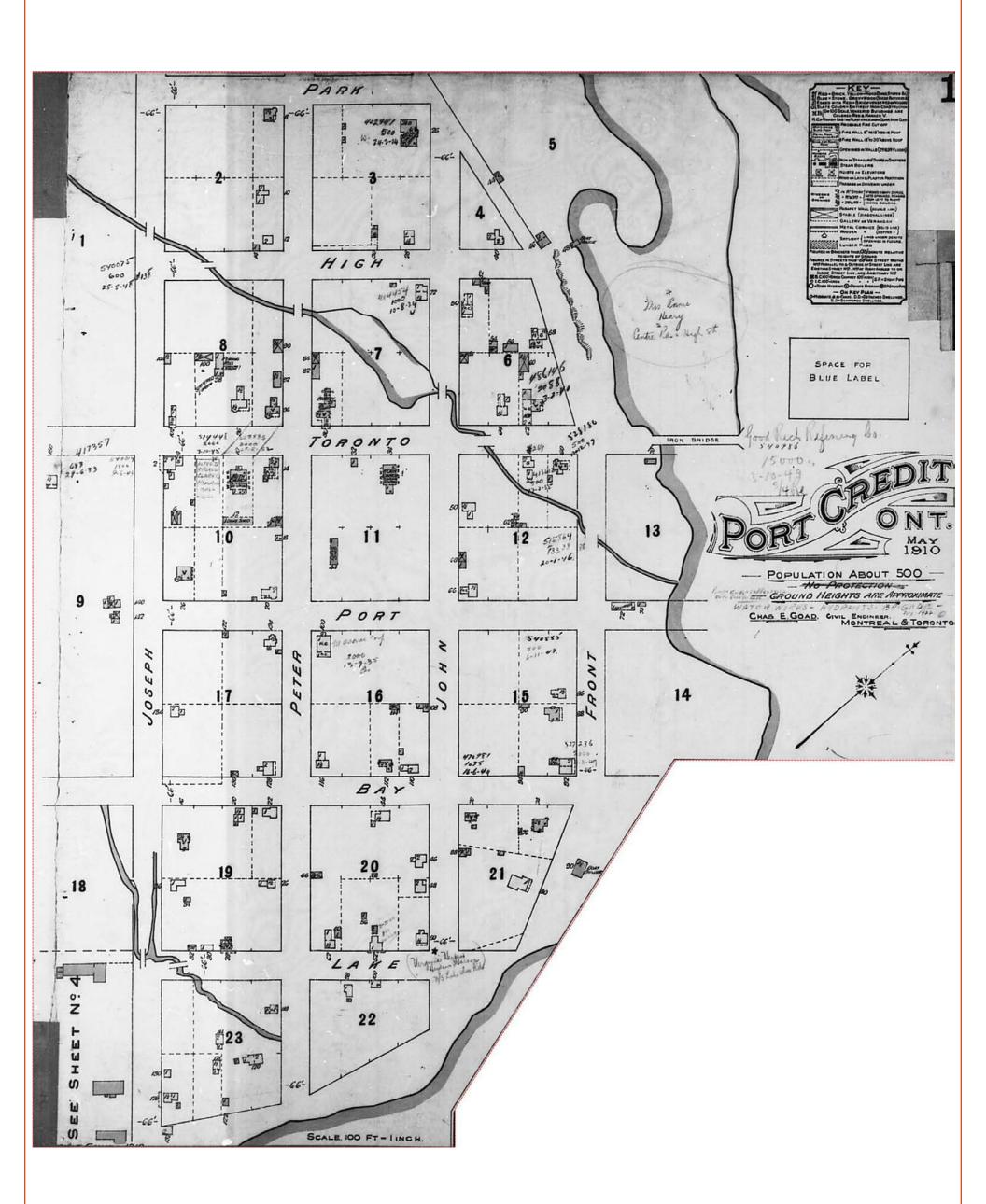
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Phase I ESAs

Project #: 18514233023.12.01

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Phase I ESAs

Project #: 18514233023.12.01

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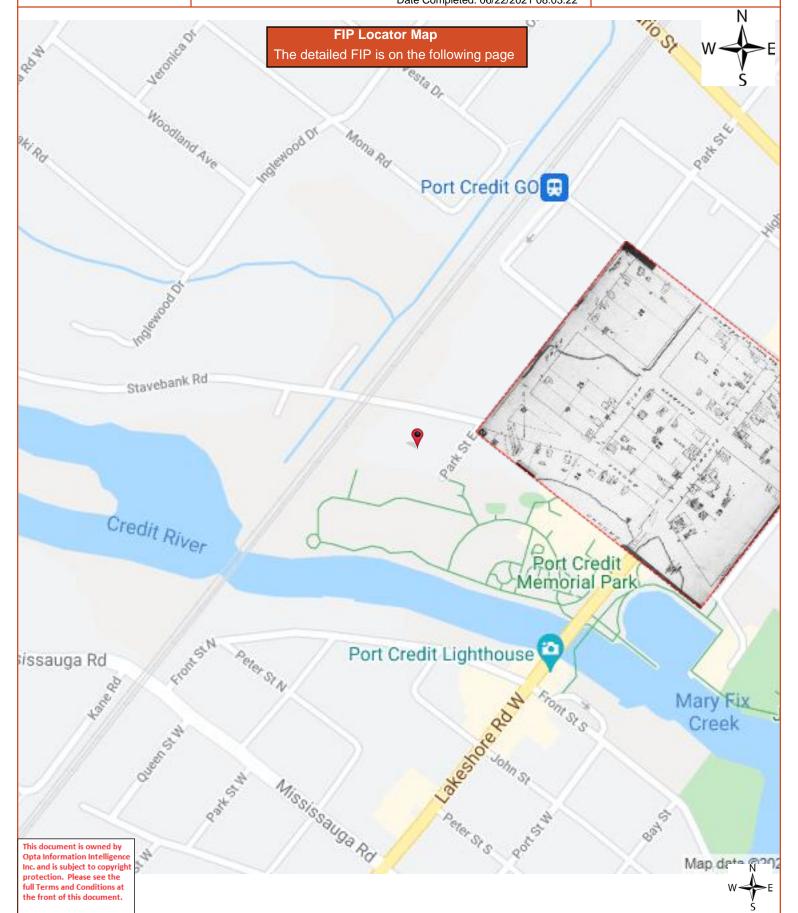
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enviroscan Requested by:

OPTA INFORMATION INTELLIGENCE



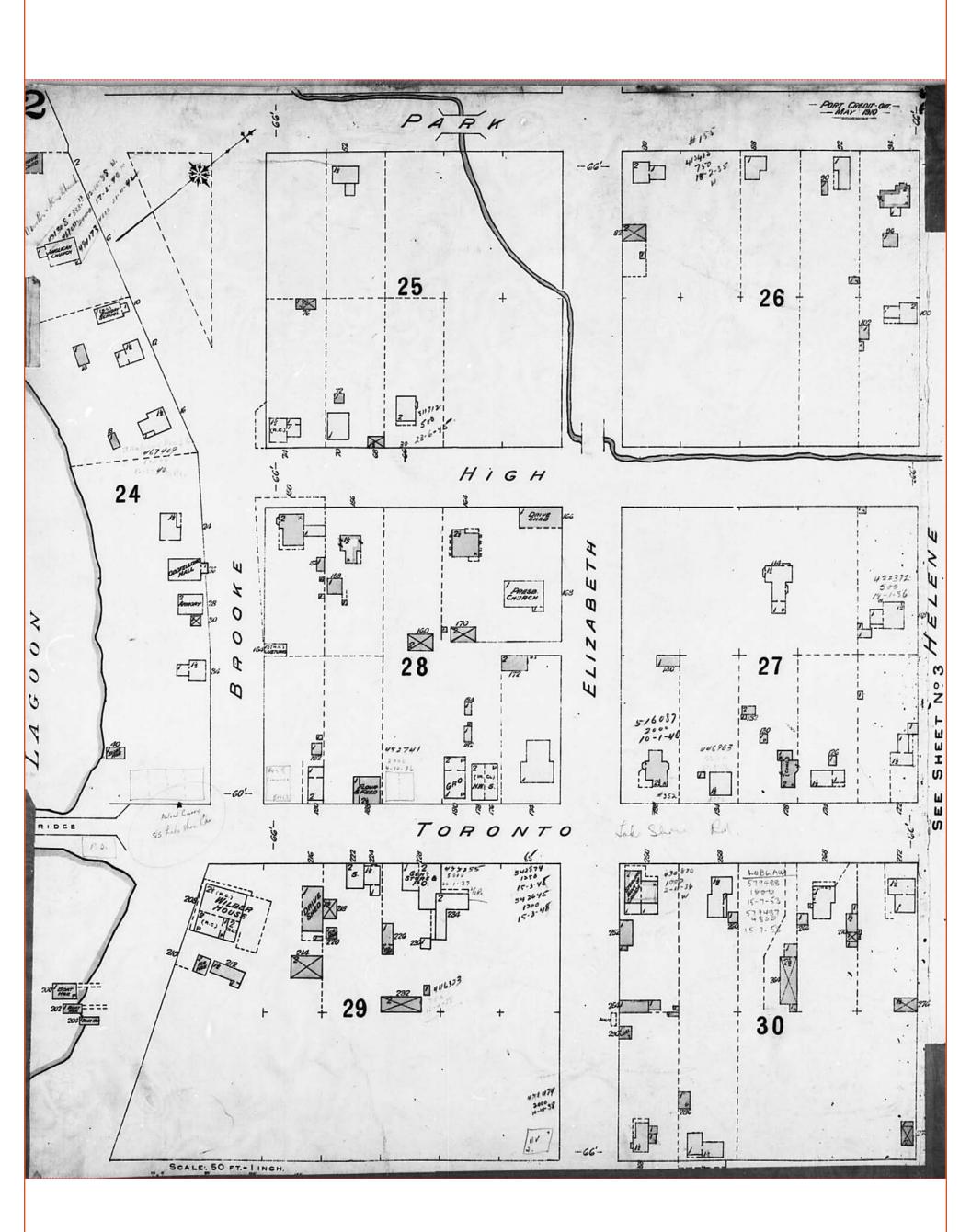
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Phase I ESAs

Project #: 18514233023.12.01

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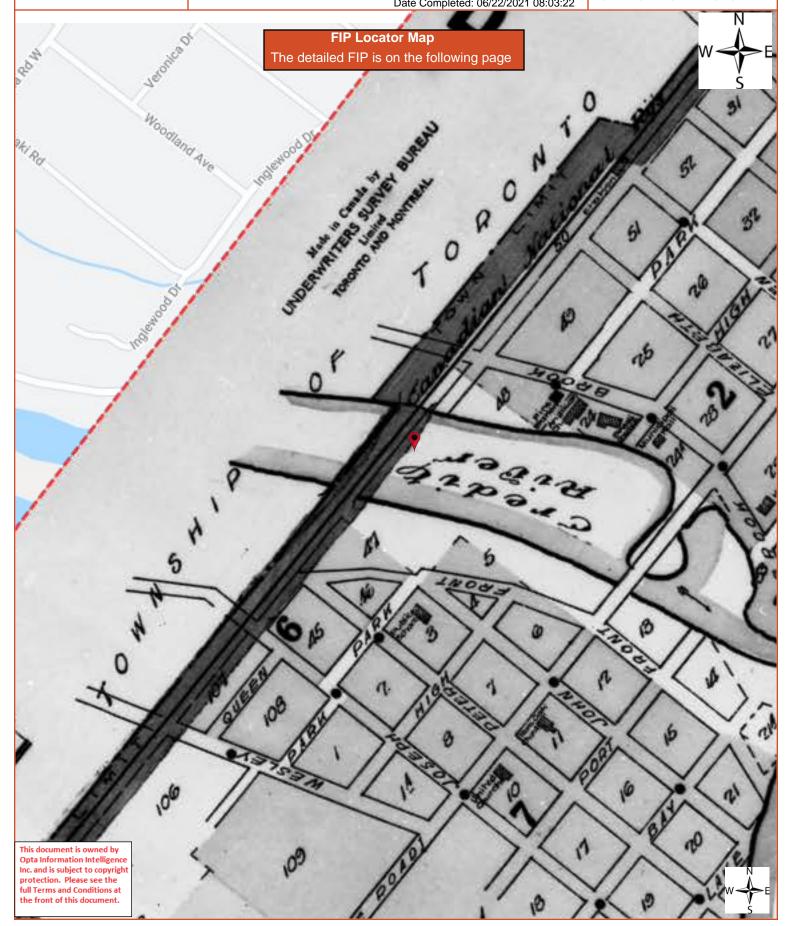
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Port Credit Plan: 1565 (1928)

Requested by: Sheet: 1 (1928) Chloe Zhang Date Completed: 06/22/2021 08:03:22



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Phase I ESAs

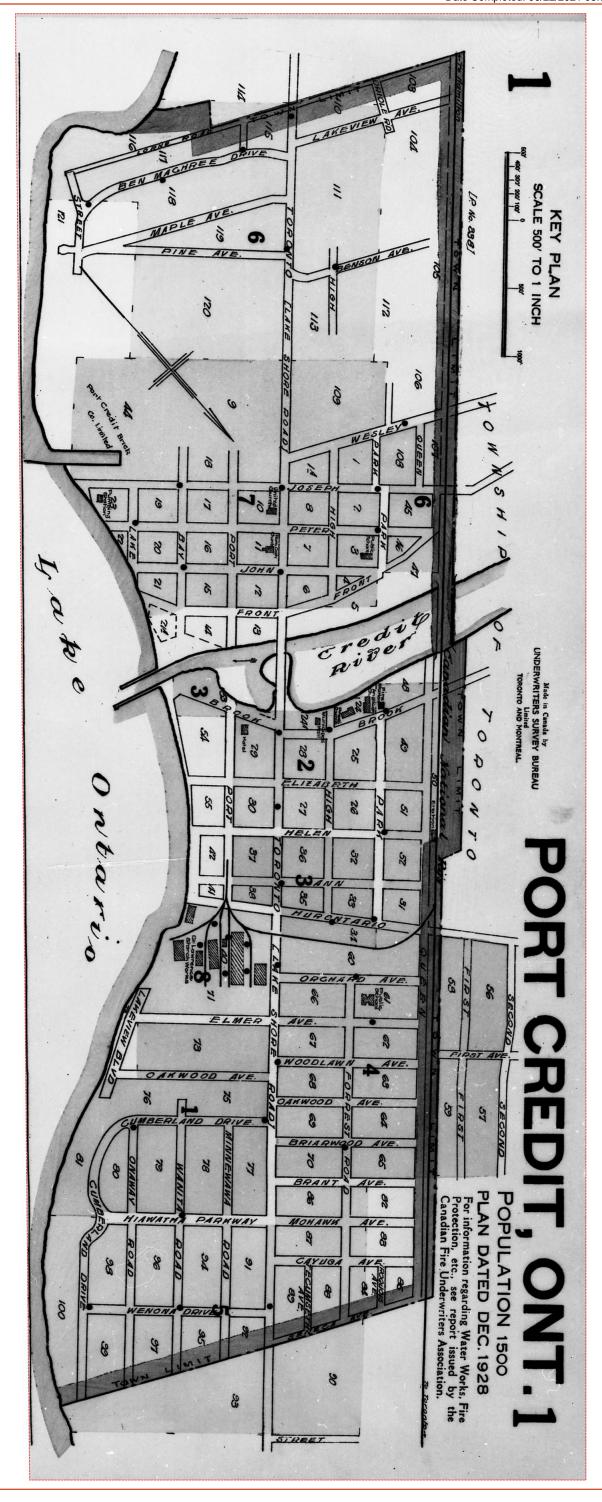
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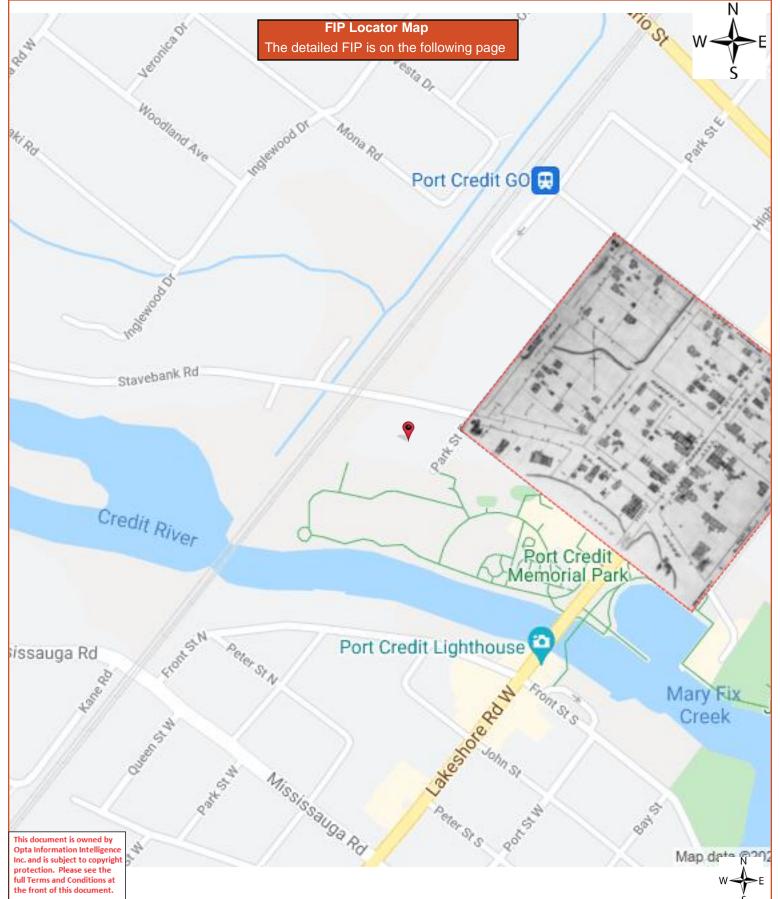
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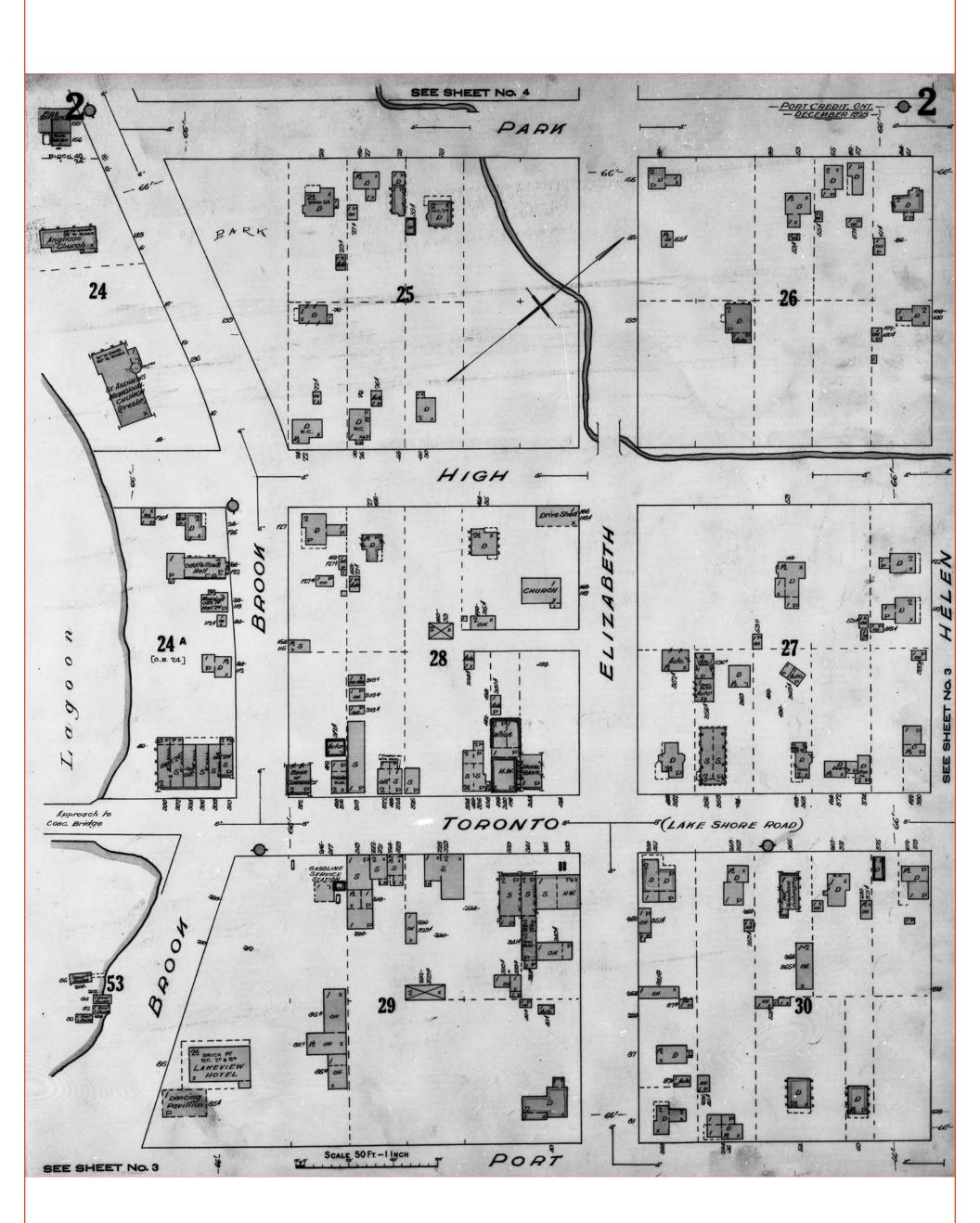
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1928 Volume: Port Credit Firemap: 2 Port Credit Plan: 1565 (1928) Sheet: 2 (1928)

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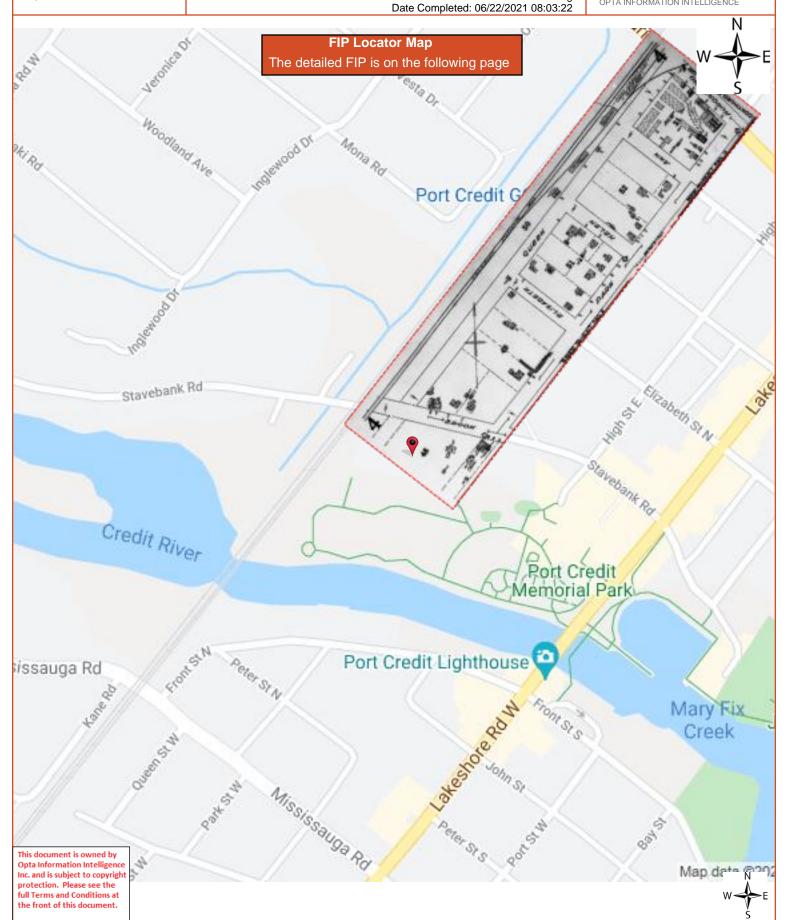
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Sheet: 4 (1928)

Requested by:

Chloe Zhang





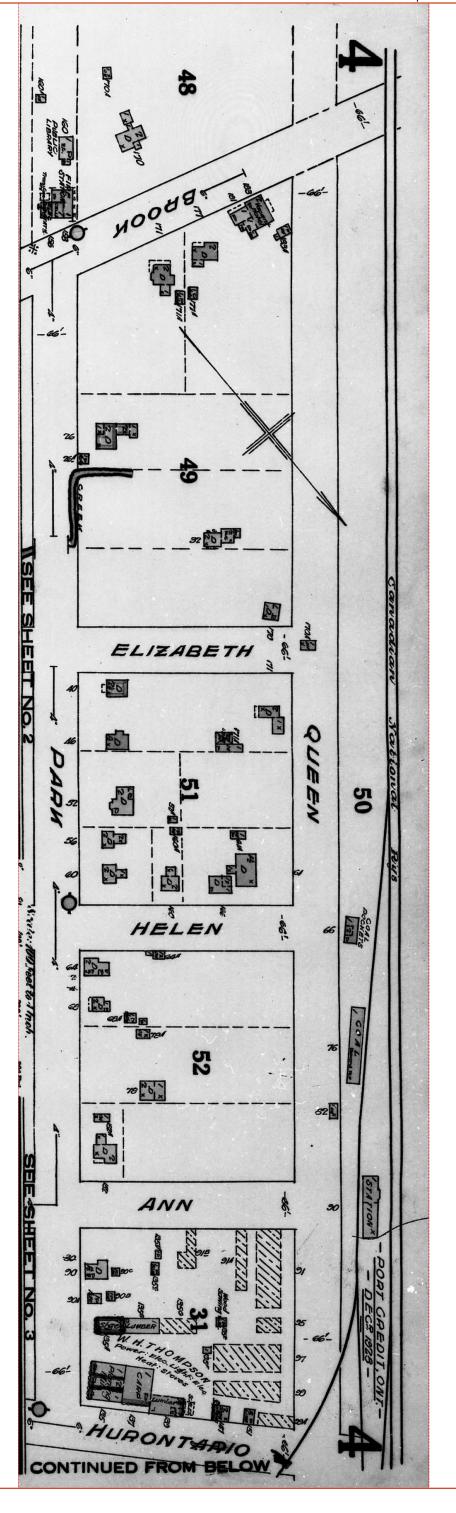
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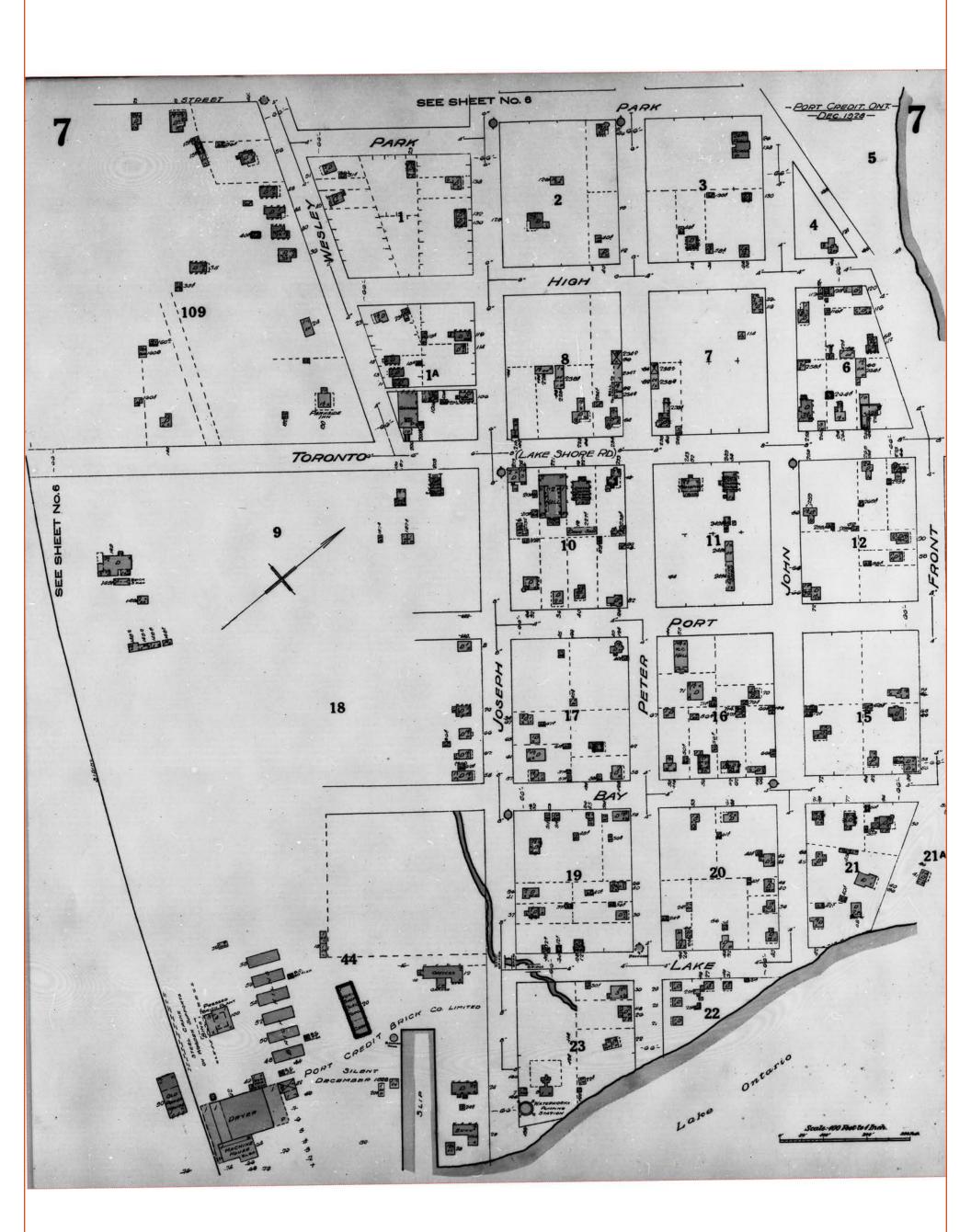
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1928 Volume: Port Credit Firemap: 7 Port Credit Plan: 1565 (1928) Sheet: 7 (1928)

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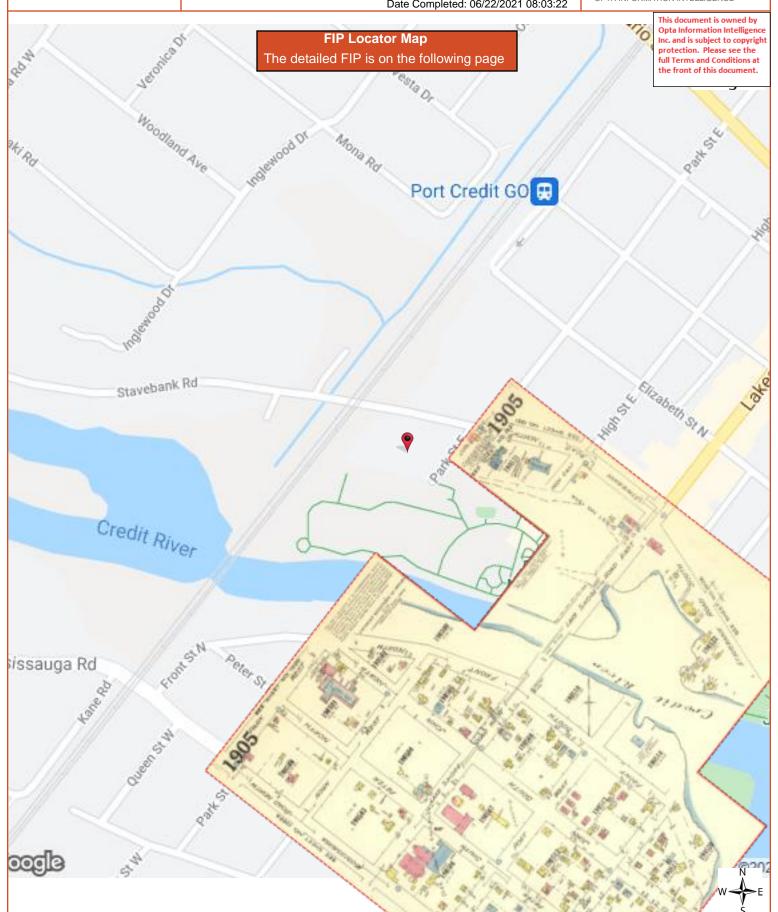
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Toronto Vol. 19 Plan: 2180 (1952) Sheet: 1905 (1952)

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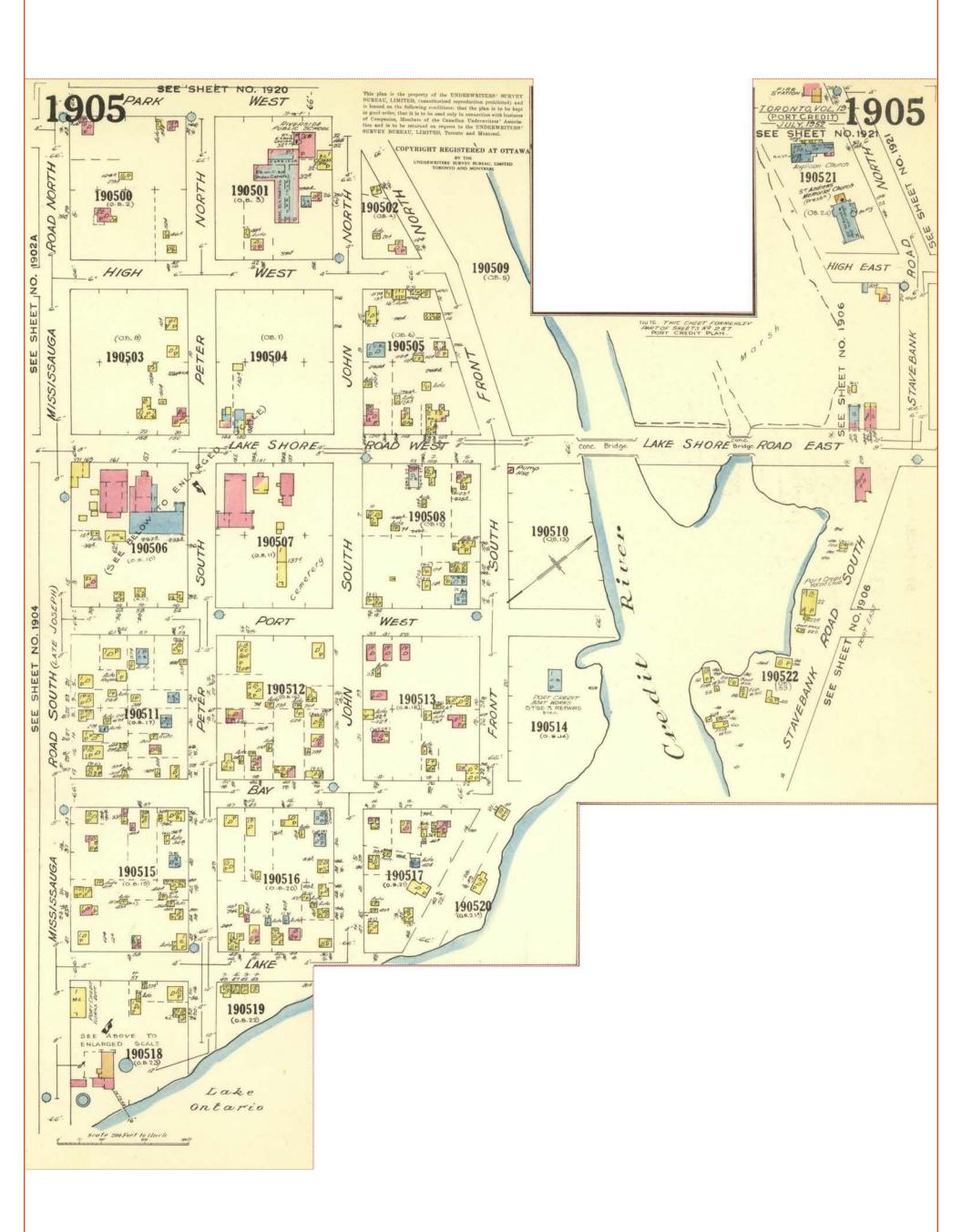
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ENVIROSCAN Report

1952 Volume: Toronto 19 Firemap: 1905 Toronto Vol. 19 Plan: 2180 (1952)

Sheet: 1905 (1952)





ENVIROSCAN Report enviroscan Page: 21
Project Name: Mississauga EA 1952 Volume: Toronto 19 Firemap: 1905 Phase I ESAs Toronto Vol. 19 Plan: 2180 (1952) Requested by: Sheet: 1905 (1952) Project #: 18514233023.12.01 Chloe Zhang OPTA INFORMATION INTELLIGENCE Date Completed: 06/22/2021 08:03:22 This document is owned by Opta Information Intelligence FIP Locator Map Inc. and is subject to copyright protection. Please see the The detailed FIP is on the following page full Terms and Conditions at the front of this document. Woodland Ave Port Credit GO Elizabeth St N Stavebank Rd Credit River **Port Credit** Memorial Park Port Cred issauga Rd Mary Fix Creek Mississauga Rd **oogl**a Map data @202 Page: 22
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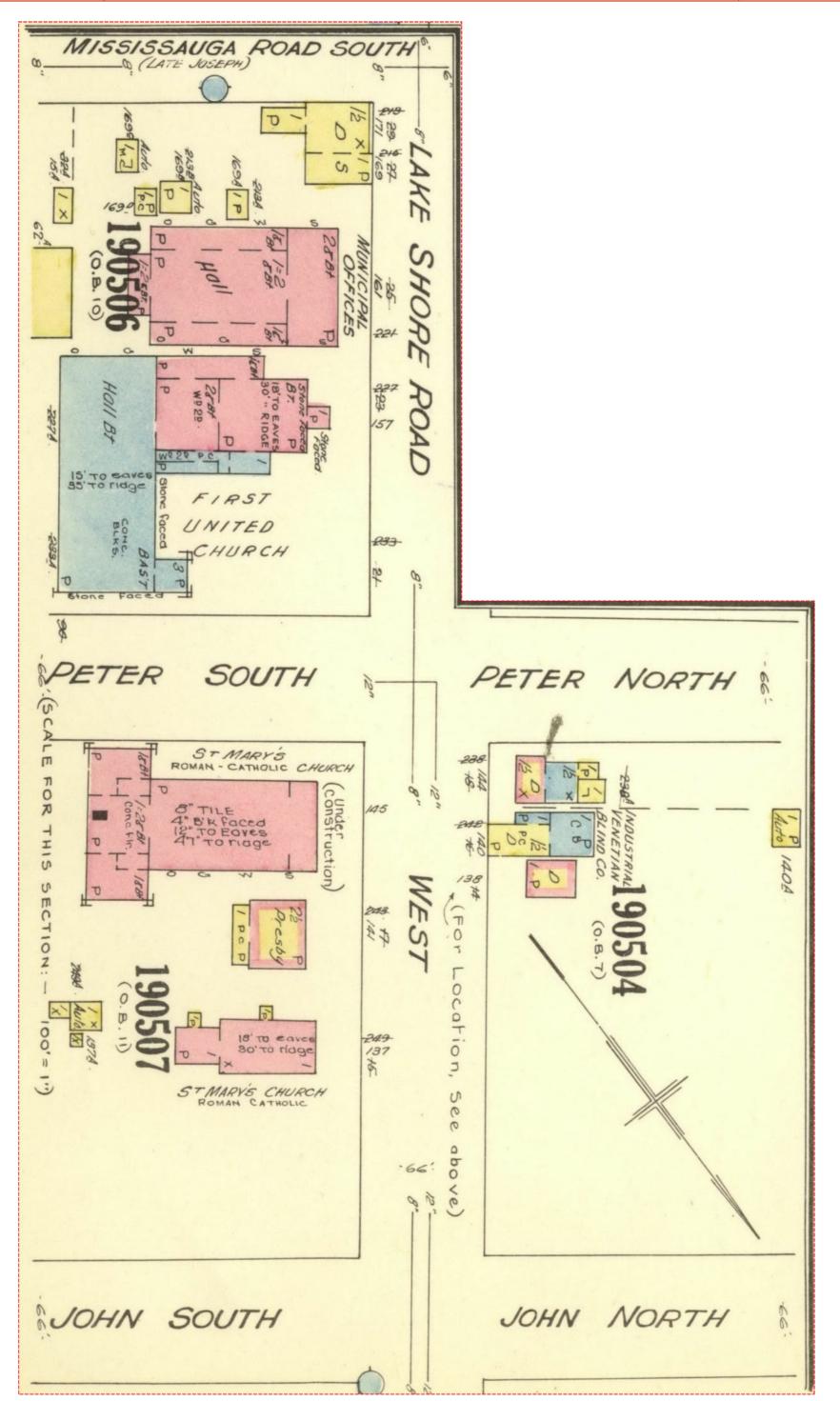
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ENVIROSCAN Report

1952 Volume: Toronto 19 Firemap: 1905 Toronto Vol. 19 Plan: 2180 (1952)

Sheet: 1905 (1952)





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Project Name: Mississauga EA

Phase I ESAs

Project #: 18514233023.12.01

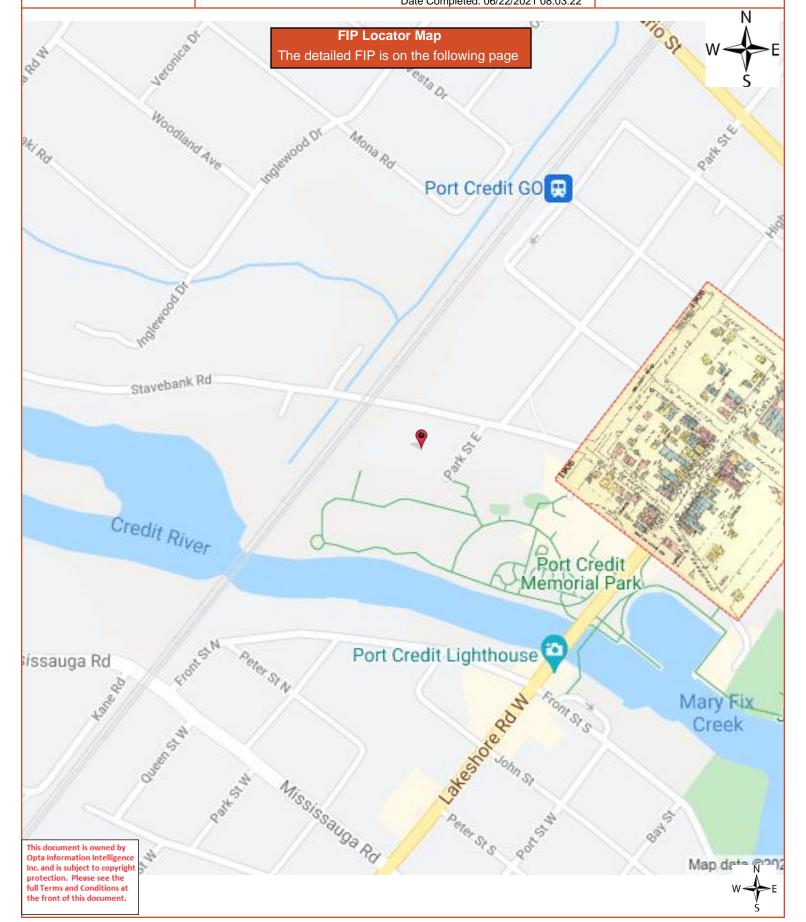
ENVIROSCAN Report

1952 Volume: Toronto 19 Firemap: 1906

Toronto Vol. 19 Plan: 2180 (1952) Sheet: 1906 (1952)

Chloe Zhang Date Completed: 06/22/2021 08:03:22





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Project Name: Mississauga EA
Phase I ESAs

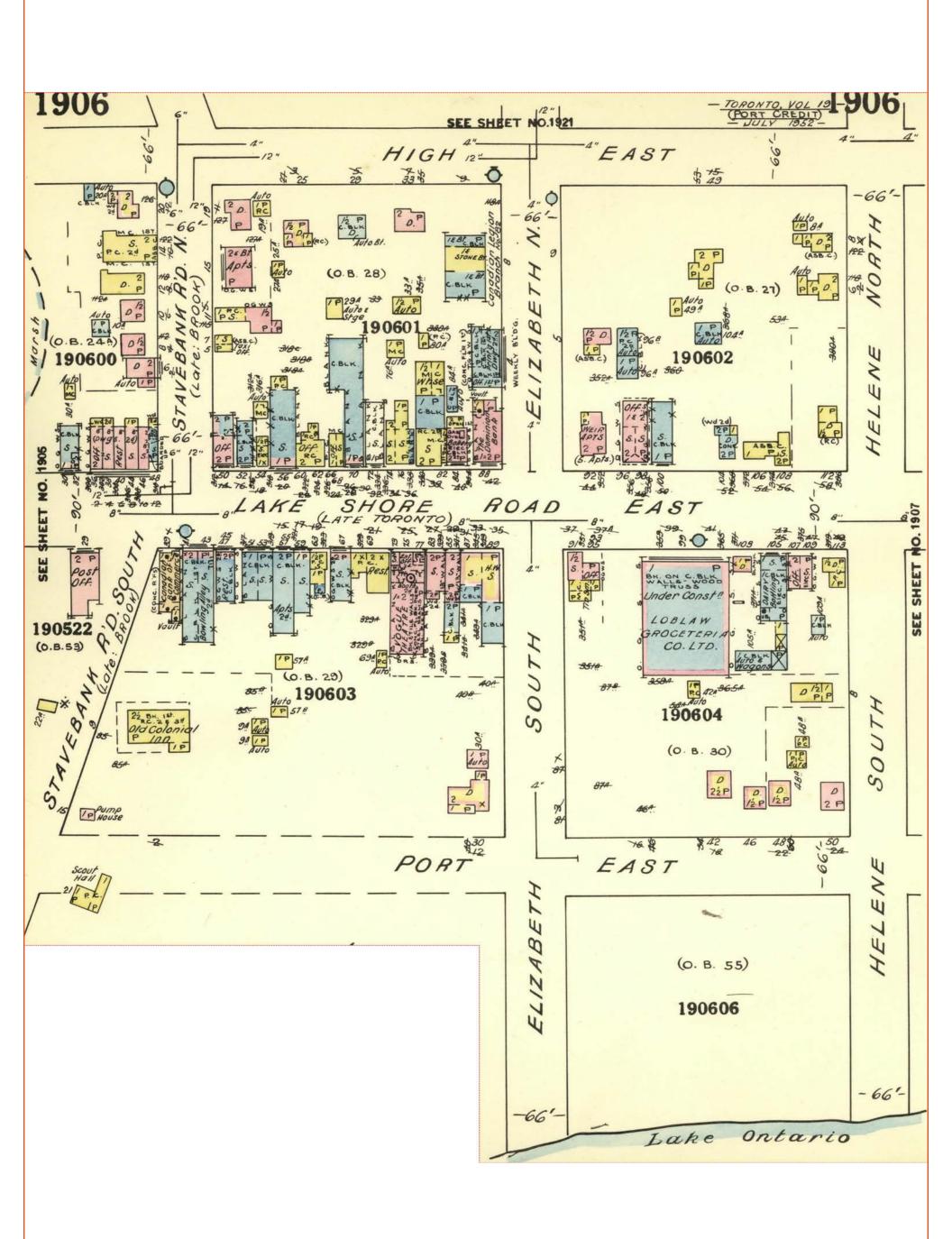
Project #: 18514233023.12.01

ENVIROSCAN Report

1952 Volume: Toronto 19 Firemap: 1906 Toronto Vol. 19 Plan: 2180 (1952)

Sheet: 1906 (1952)





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Project Name: Mississauga EA

Phase I ESAs

Project #: 18514233023.12.01

ENVIROSCAN Report

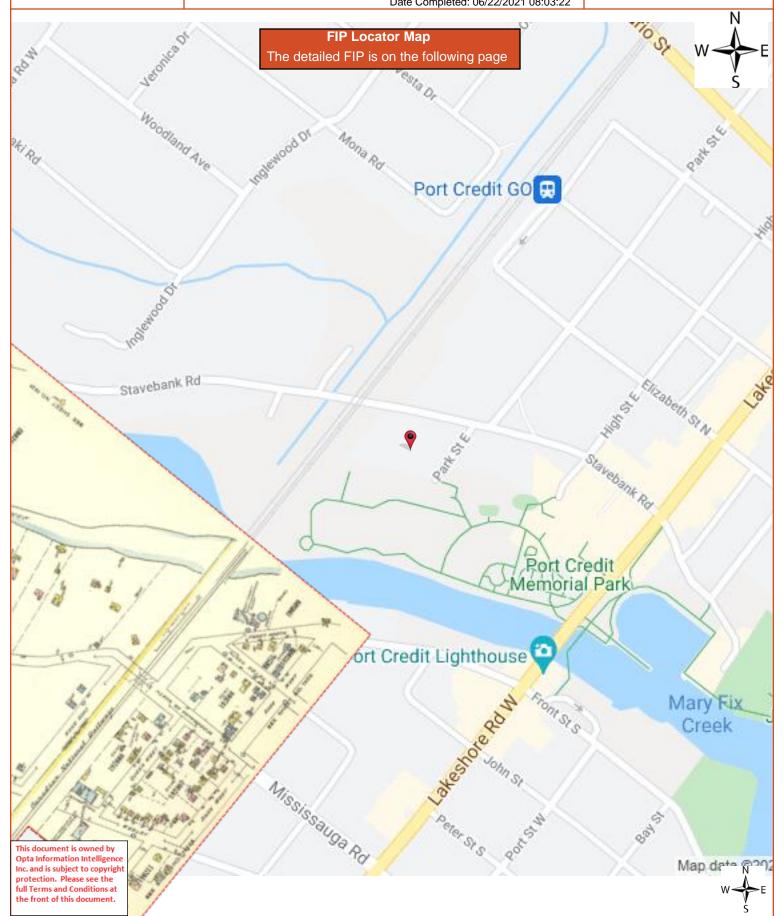
1952 Volume: Toronto 19 Firemap: 1920

Toronto Vol. 19 Plan: 2180 (1952)

Sheet: 1920 (1952) Chloe Zhang Date Completed: 06/22/2021 08:03:22



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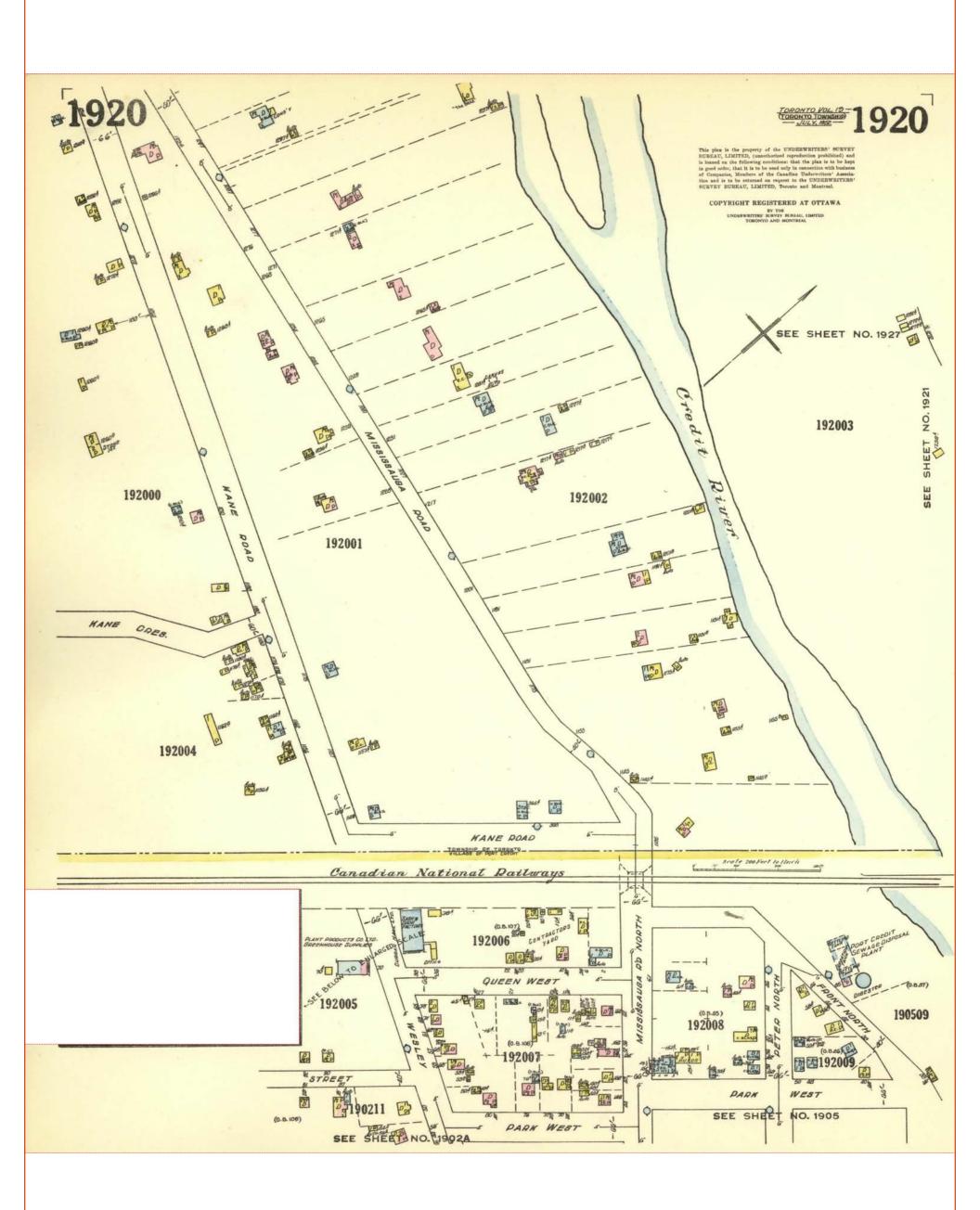
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1952 Volume: Toronto 19 Firemap: 1920 Toronto Vol. 19 Plan: 2180 (1952)

Sheet: 1920 (1952)





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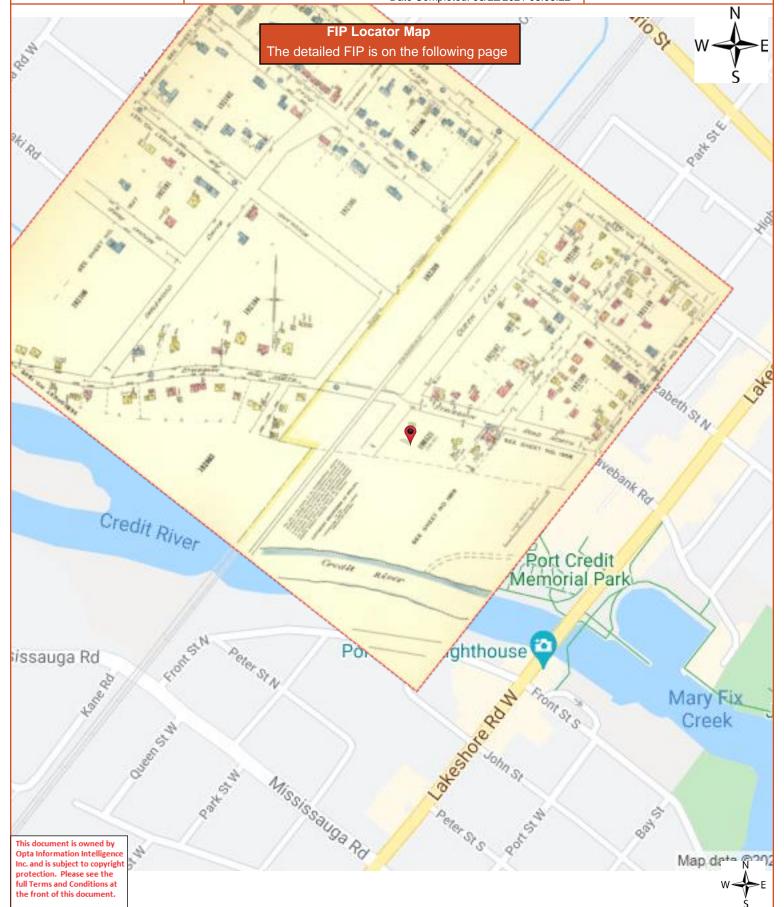
ENVIROSCAN Report

1952 Volume: Toronto 19 Firemap: 1921

Toronto Vol. 19 Plan: 2180 (1952) Sheet: 1921 (1952)

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Project Name: Mississauga EA
Phase I ESAs

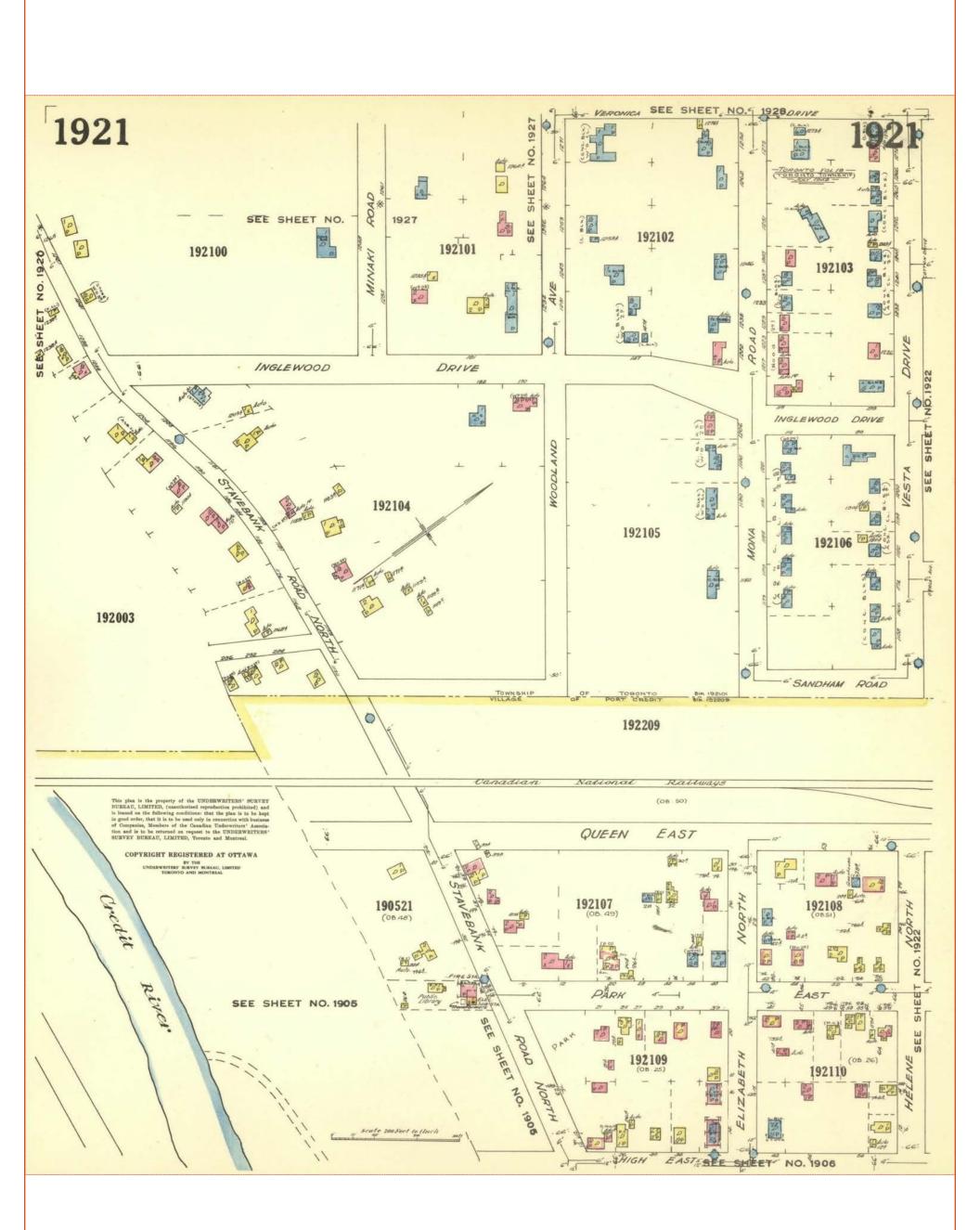
Project #: 18514233023.12.01

ENVIROSCAN Report

1952 Volume: Toronto 19 Firemap: 1921 Toronto Vol. 19 Plan: 2180 (1952)

Sheet: 1921 (1952)





APPENDIX F City Directories



www.lgicscanada.com alantos@lgicscanada.com Phone: 613 875-7387

City Directory I	nformation Source
------------------	-------------------

Polk's Halton/Peel, Ontario Criss-Cross Directory

Note addendum regarding documentation results

2000	
Project Number: 185142-33023.12.01	
Site Address: 10 Queen Street West, Mississauga, Ontario Site Listing:	-Lakeport Metalcraft
Site Listing.	Lukeport Metalerare
Adjacent Properties:	
Queen Street West (1-35)	-All Residential
	2-Auto Glass of Mississauga
	-Mississauga Auto Trim & Glass
	6-Old Credit Brewing Co Ltd
	22-Argon Mechanical & Electrical
	-Electrical Patagonia boat Works
	-Thorium Contracting Ltd
	34-H-Do All
	-Scott Tank Cleaning Co Ltd
Front Street North (30-55)	-All Residential
Missing (36-55)	31-Mississauga Canoe Club

2000	
Project Number: 185142-33023.12.01 Site Address: 10 Queen Street West, Mississauga, Ontario	
	35-Royal Canadian Legion
	-Air Cadets
High Charact West (FO OF)	All Desidential
High Street West (50-95)	-All Residential
Missing (54-58 even) (51-59 odd)	
30 John Street North	-Peel Literacy Guilds
Kane Road (1085-1170)	-All Residential
Missing (1085-1159)	
Mississauga Road (1130-1190)	-Information Inaccessible
Mississauga Road North (15-70)	-All Residential
	**Seasonal Marketing
	**De La Fontaine Dog Salon
	**Soquelec Ltd
	4-Aesthetics by Cristina
	-Belles & Beaus Hair Shoppe
	-Corner Convenience
	30-Taylor Made Design
	49-123 Convenience Store
	-Briarwood Cleaners
	-Carac Realty Corporation

2000	
Project Number: 185142-33023.12.01	Outonio
Site Address: 10 Queen Street West, Mississauga,	-Vittorio Hair Studio
	-White Oaks Realty Ltd
Park Street West (5-95)	-All Residential
Missing (5-54)	55-Kathy Mar Towers
	65-Dieppe Plaza Ltd
	70-Century Park Apartments
	-Cosway Cleaning Services
Peter Street North (20-50)	-All Residential
Missing (20-25)	26-Mississauga Nursing Home
	42-Tops Roofing
Wesley Avenue (10-70)	-All Residential
Missing (26-70)	
Wesley Crescent (All)	-All Residential

1989		
Project Number: 185142-33023.12.01		
Site Address: 10 Queen Street West, Mississauga, Ontario		
Site Listing:	-Lakeport Metalcraft	
Adjacent Properties:		

1989	
Project Number: 185142-33023.12.01 Site Address: 10 Queen Street West, Mississauga, Ontario	
Queen Street West (1-35)	-All Residential
	2-Mississauga Auto Trim & Glass
	6-Connors Brewing Co Ltd
	22-Active Engine Rebuilding
	-Dyna Steel Fabricator
	-Good Guys Auto
	28-Craigie D Contracting Ltd
	-Curnews Construction
	-Felco Fireplace & Mantel
	-Freestyle Signs Inc
	-Rudy's Landscaping
	34-Barlow Welding Service & Fabrication
	-Brampton Telephone
	-Marsica General Welding
	-Super Kleen Car Care
	-Scott Tank Cleaning Co Ltd
	-MacMillan & Wife Disc Jockey Service
Front Street North (30-55)	-All Residential
Missing (36-55)	35-Royal Canadian Legion
High Street West (50-95)	-All Residential
Missing (54-58 even) (51-59 odd)	

1989	
Project Number: 185142-33023.12.01	
Site Address: 10 Queen Street West, Mississauga, Ontario	
30 John Street North	-Board of Education Riverside
Kane Road (1085-1170)	-All Residential
Missing (1085-1159)	
IAII221118 (1002-1123)	
Mississauga Road (1130-1190)	-Information Inaccessible
Mississauga Road North (15-70)	-All Residential
	18-Mariana's Hairstyling
	25 Manana 5 Manssyning
	49-Bridlewood Cleaners
	-Leberts Video Entertainments
	Ecocità video Entertainmenta
Park Street West (5-95)	-All Residential
raik Stieet West (3-33)	-All Residential
Missing (5-54)	
Peter Street North (20-50)	-All Residential
(00.00)	
Missing (20-25)	26-Mississauga Nursing Home
Wesley Avenue (10-70)	-All Residential
Missing (26-70)	
Wesley Crescent (All)	-All Residential

1979	
Project Number: 185142-33023.12.01 Site Address: 10 Queen Street West, Mississauga, Ontario	
Site Listing:	-Lakeport Metalcraft
Adjacent Properties:	
Queen Street West (1-35)	-All Residential
	**Chandler Leasing Ltd
	**Etobicoke Insulation Industries Ltd
	2-A&A Radiator Service
	22-Active Engine Rebuilding
	-Mississauga Auto Trim
	34-Leo's Custom & Carpentry
Front Street North (30-55)	-All Residential
Missing (36-55)	
High Street West (50-95)	-All Residential
Missing (54-58 even) (51-59 odd)	
30 John Street North	-Address Not Listed
Kane Road (1085-1170)	-All Residential
Missing (1085-1159)	
Mississauga Road (1130-1190)	-Information Inaccessible

1979	
Project Number: 185142-33023.12.01 Site Address: 10 Queen Street West, Mississauga, Ontario	
Mississauga Road North (15-70)	-All Residential
	15-Roy's TV Service
	18-Art & Beauty Shop
	49-Lackie's Dairy Bar
	-Lackie's Record Bar
	-West Side Dairy bar
Park Street West (5-95)	-All Residential
Missing (5-54)	
Peter Street North (20-50)	-All Residential
Missing (20-25)	26-Taara Nursing Home
Wesley Avenue (10-70)	-All Residential
Missing (26-70)	
Wesley Crescent (All)	-All Residential

	1970-71	
Project Number: 185142-33023.12.01		
Site Address: 10 Queen Street West, Mississauga, Ontario		
Site Listing:	-Lakeport Metalcraft	
Adjacent Properties:		

	1970-71
Project Number: 185142-33023.12.01 Site Address: 10 Queen Street West, Mississauga, Ontario	
Queen Street West (1-35)	-All Residential
	2-Macali Stonework
	-May Constrn Co Ltd
	34-Gillespie Car Clinic
	-Western Casing Supply
Front Street North (30-55)	-All Residential
Missing (36-55)	35-Royal Canadian Legion
Lillah Church West (50 OF)	All Decidential
High Street West (50-95)	-All Residential
Missing (54-58 even) (51-59 odd)	
30 John Street North	-Riverside PS
Kane Road (1085-1170)	-All Residential
Missing (1085-1159)	
Mississauga Road (1130-1190)	-Information Inaccessible
Mississauga Road North (15-70)	-All Residential
	18-Diploma Hair Stylist
	34-Kopas Egg Grading Station
	49-Lackie's Record Bar
	-West Side Dairy bar

	1970-71
Project Number: 185142-33023.12.01	
Site Address: 10 Queen Street West, Mississauga, Ontario	
Park Street West (5-95)	-All Residential
Missing (5-54)	91-Block & Walters Construction Co Building Contractors
Peter Street North (20-50)	-All Residential
Missing (20-25)	26-Taara Nursing Home
Wesley Avenue (10-70)	-All Residential
Missing (26-70)	
Wesley Crescent (All)	-All Residential
	**-Plant Products Co Ltd

1958		
Project Number: 185142-33023.12.01		
Site Address: 10 Queen Street West, Mississauga, Ontario		
Site Listing:	-Either Residential or Not Listed (Not Identified in Coverage)	
Adjacent Properties:		
Queen Street West (1-35)	-All Residential	
	**CN Railways Freight & Passengers	
	2-Grand Concrete Pipe Co	
	34-Elmwood Tire Service Ltd Factor Br	

1958	
Project Number: 185142-33023.12.01 Site Address: 10 Queen Street West, Mississauga, Ontario	
Front Street North (30-55)	-All Residential
Missing (36-55)	
High Street West (50-95)	-All Residential
Missing (54-58 even) (51-59 odd)	
30 John Street North	-Address Not Listed
Kane Road (1085-1170)	-All Residential
Missing (1085-1159)	
Mississauga Road (1130-1190)	-Information Inaccessible
Mississauga Road North (15-70)	-All Residential
	25-Independent School of Safe Driving
	53-Port Credit Village of Waterworks Plant
David Charact Mark (5.05)	All Desidential
Park Street West (5-95)	-All Residential
Missing (5-54)	91-Block & Walters Construction Co Building Contractors
Peter Street North (20-50)	-All Residential
Missing (20-25)	
Wesley Avenue (10-70)	-All Residential

	1958
Project Number: 185142-33023.12.01	
Site Address: 10 Queen Street West, Mississauga, Ontario	
Missing (26-70)	
Wesley Crescent (All)	-All Residential
	**-Plant Products Co Ltd

^{**}Mississauga, Ontario is listed from 1958 to 2000 within the City Directory Archives**

^{**}Absent addresses are inaccessible at this time **

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City Directory Information Source		
Polk's Halton/Peel Region, Ontario Criss Cross Directory		
Note addendum regarding documentation results		

	2000	
Project Number: 185142-33023.12.01 Site Address: 40 Stavebank Road, Mississauga, Ontario		
Site Listing:	-Lion's Hall	
	-Port Credit Arena	
	-Port Credit Figure Skating Club	
	-Port Credit Memorial Arena	
Adjacent Properties:		
Stavebank Road (5-60)	-All Residential	
Missing (51-60)	6-Ross Technical Services	
	8-Freeman Insurance Brokers	
	-The Marr Group	
	10-Femsole Developments	
	-Mobile Support Services	
	-Stavebank Medical Group	
	14-Hutone Cleaners	
	20-Newhouse Travel	

2000	
Project Number: 185142-33023.12.01 Site Address: 40 Stavebank Road, Mississauga, Ontario	
Site Address. 40 Statesank Road, Mississadga, Ontario	-Onset Construction
	-Randall Business Systems & Consulting
	-Special Projects Group
	-SPG Inc.
	24-Applewood Rainbow Montessori School
	-St. Andrew's Presbyterian Church
	26-Trinity Anglican Church
	35-Peel Senior Link
Stavebank Road (1150-1185)	-Information Inaccessible
Elizabeth Street North (15-30)	-All Residential
	20-Ritamade Consultants
	28-Above All Cleaning Services
	-Dri Tech Systems
	-Equipment Locators
Front Street North (25-35 odd)	-All Residential
	25-Don Rowing Club of Mississauga
	31-Mississauga Canoe Club
	35-Royal Canadian Legion
	-Air Cadets
High Street East (1-35)	-All Residential

2000	
Project Number: 185142-33023.12.01 Site Address: 40 Stavebank Road, Mississauga, Ontario	
Missing (1-29)	
Lakeshore Road East (20-40 even)	20-Port Credit Library
	26-Sutton Group
	-Hooks Grille
	34-Cassan John Appraisals Ltd
	-Cassan John Realty Ltd
	-Credit Valley Investments Ltd
	-Leger C R Realty Ltd
	-Letman Forth & Associates
	-NSI Engineering
	-Planman Enterprises
	36-Cruises Ship Centers
	-Port Credit Cruise Ship Centers
	40-Laineys
Mona Road (1140-1160 even)	-Information Inaccessible
Park Street East (1-50)	-All Residential
49 Queen Street East	-Address Not Listed
Rosemere Road (All)	182 -Address Not Listed
All other addresses unobtainable	

1989	
Project Number: 185142-33023.12.01	
Site Address: 40 Stavebank Road, Mississauga, Ontario	Detrocave Inc
Site Listing:	-Petrosave Inc.
Adjacent Properties:	
Stavebank Road (5-60)	-All Residential
Missing (51-60)	6-Ross Technical Services
	8-Argosy Ics Ltd
	-Art Dept Inc
	-Medical Offices
	-Foundation for Addiction Counselling Education
	-Griffin & Associates Ltd
	-Pinetree Instruments Ltd
	-Freeman Insurance Brokers Inc
	-Mansfield Estates
	10-Femsole Developments Ltd
	-Mobile Support Services
	11-Skylark Information Systems
	13-Cassan John Ltd Realtor
	14-Hutone Cleaners Plant
	20-Newhouse Travel Ltd
	-Warren Shepell Consultants Corp
	24-Glenburnie School
	-Rainbow Montessori School
	-St Andrew's Presbyterian Church Port Credit

1989	
Project Number: 185142-33023.12.01 Site Address: 40 Stavebank Road, Mississauga, Ontario	
	26-Trinity Anglican Church
	39-Federal Parcel Service
Stavebank Road (1150-1185)	-Information Inaccessible
Elizabeth Street North (15-30)	-All Residential
Elizabeth Street North (15-30)	-All Residential
Front Street North (25-35 odd)	-All Residential
	25-Don Rowing Club of Mississauga
	35-Royal Canadian Legion
High Street East (1-35)	-All Residential
Missing (1-29)	
Lakeshore Road East (20-40 even)	26-Ambassador Travel Service
	-Tennis Travels International
	34-Dovaston Terry Illustration
	-Duggart Benefits Insurance Agencies Inc
	-Hunter Winn Underwriting Management Ltd
	-Omniset Ltd
	-Sound marketing Productions
	-Credit Valley Investments Ltd
	36-National Trust
	40-Lainey's Café

1989	
Project Number: 185142-33023.12.01	
Site Address: 40 Stavebank Road, Mississauga, Ontario	
Mona Road (1140-1160 even)	-Information Inaccessible
Park Street East (1-50)	-All Residential
	26-Danoble Construction
	33-Sunoco Ltd
49 Queen Street East	-Multi-Tenant Residential
Rosemere Road (All)	182 -Address Not Listed
All other addresses unobtainable	

	1977-78
Project Number: 185142-33023.12.01 Site Address: 40 Stavebank Road, Mississauga, Ontario	
Site Listing:	-Address Not Listed
Adjacent Properties:	
Stavebank Road (5-60)	-All Residential
Missing (51-60)	6-Dental Office
	8-McCormick Ranking & Assoc Ltd
	9-Huron Pro-Shop
	10-Barrett & Elmy
	-Medical Offices

	1977-78
Project Number: 185142-33023.12.01 Site Address: 40 Stavebank Road, Mississauga, Ontario	
Site Address: 40 Stavebalik Road, Mississauga, Olitario	-Hadovic Construction Ltd
	-Stavebank Medical Group
	11-Cassan Sheff Real Estate Ltd
	13-Craft Corner
	14-Polar Bear Co Ltd
	16-Standon Insce Agency Ltd
	18-Servicemaster of Mississauga
	20-Ashley Reproductions
	24-St Andrew's Presbyterian Church
Stavebank Road (1150-1185)	-Information Inaccessible
Elizabeth Street North (15-30)	-All Residential
Front Street North (25-35 odd)	-All Residential
High Street East (1-35)	-All Residential
Missing (1-29)	30-Burgess Anne C Investments Ltd
Lakeshore Road East (20-40 even)	26-Ambassador Travel Service
	-Tennis Travels International
	34-Barrister Office
	36-Victoria & Gray Trust Company
	40-Lakeview Restaurant

	1977-78
Project Number: 185142-33023.12.01 Site Address: 40 Stavebank Road, Mississauga, Ontario	
Mona Road (1140-1160 even)	-Information Inaccessible
Park Street East (1-50)	-All Residential
49 Queen Street East	-Multi-Tenant Residential
Rosemere Road (All)	182 -Address Not Listed
All other addresses unobtainable	

	1972-73	
Project Number: 185142-33023.12.01 Site Address: 40 Stavebank Road, Mississauga, Ontario		
Site Listing:	-Address Not Listed	
Adjacent Properties:		
Stavebank Road (5-60)	-All Residential	
Missing (51-60)	6-Dental Office	
	7-Cadillac Taxi	
	-Walker Carpet Services	
	8-McCormick Ranking & Assoc Ltd	
	10-Adrian Services	
	-Adrian's Introduction Escort Service	
	-Barrett & Elmy	

	1972-73	
Project Number: 185142-33023.12.01 Site Address: 40 Stavebank Road, Mississauga, Ontario		
, ,	-Globe & Mail Circulation Dept	
	-Ind Tobacconists Whol Alliance	
	-Stavebank Medical Group	
	-Upper Canada Soap & Candle Makers	
	-Medical Offices	
	-Hadovic Construction Ltd	
	-Stavebank Medical Group	
	14-Huttone Cleaners	
	-Polar Bear Co Ltd	
	16-Glover Harold Ltd	
	18-Servicemaster of Mississauga	
	20-Ashley Reproductions	
	-Skinner archt	
Stavebank Road (1150-1185)	-Information Inaccessible	
Elizabeth Street North (15-30)	-Street Not Listed	
Front Street North (25-35 odd)	-All Residential	
	35-Royal Canadian Legion	
High Street East (1-35)	-All Residential	
Missing (1-29)		
	1	

	1972-73
Project Number: 185142-33023.12.01	
Site Address: 40 Stavebank Road, Mississauga, Ontario	00001111111
Lakeshore Road East (20-40 even)	20-Public Library
	26-Bowes & Cocks real estate
	34-Saddington Greenfield & Co accts
	36-Victoria & Gray Trust Company
	38-Border Brokers Ltd
	40-Bridge Restaurant
	-Minis Snack Bar
Mona Road (1140-1160 even)	-Information Inaccessible
Park Street East (1-50)	-All Residential
	40-Vroom Construction Ltd
49 Queen Street East	-Lanet Building Corp.
Rosemere Road (All)	182 -Address Not Listed
All other addresses unobtainable	

1958		
Project Number: 185142-33023.12.01		
Site Address: 40 Stavebank Road, Mississauga, Ontario		
Site Listing:	-Address Not Listed	
Adjacent Properties:		

1958		
Project Number: 185142-33023.12.01 Site Address: 40 Stavebank Road, Mississauga, Ontario		
Stavebank Road (5-60)	-Street Not Listed	
Stavebank Road (1150-1185)	-Information Inaccessible	
Elizabeth Street North (15-30)	-Street Not Listed	
Front Street North (25-35 odd)	-All Residential	
High Street East (1-35)	-All Residential	
Missing (1-29)		
Lakeshore Road East (20-40 even)	-No Listings Within Radius	
Mona Road (1140-1160 even)	-Information Inaccessible	
Park Street East (1-50)	-Street Not Listed	
49 Queen Street East	-Res (1 Tenant)	
D 2 1/4W	100 411 111111	
Rosemere Road (All)	182 -Address Not Listed	
All other addresses unobtainable		

^{**}Mississauga, Ontario is listed from 1958 to 2000 within the city directory archives**

^{**}Absent addresses are inaccessible at this time**

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APPENDIX G Site Photographs

HDR Corporation Lakeshore Transportation Studies – New Credit River Active Transportation (AT) Bridge Study Corridor-wide Limited Phase I Environmental Site Assessment

Matrix Supplied June 14, 2021



1. 2-6 (2-4) Queen St W | H-Do All | Property ID #5 | Facing Northwest



2. 22 Queen St W | Auto Safety Centre | Property ID #6 | Facing Northwest

Matrix Supplied June 14, 2021

HDR Corporation Lakeshore Transportation Studies – New Credit River Active Transportation (AT) Bridge Study Corridor-wide Limited Phase I Environmental Site Assessment

Matrix Supplied June 14, 2021



3. 28-34 Queen St W | LV Wraps | Property ID #7 | Facing Northwest



Matrix Supplied June 14, 2021

4. 28-34 Queen St W | Various commercial and industrial businesses | Property ID #7 | Facing North

HDR Corporation Lakeshore Transportation Studies – New Credit River Active Transportation (AT) Bridge Study Corridor-wide Limited Phase I Environmental Site Assessment

Matrix Supplied June 14, 2021



5. 70 Wesley Ave | Lakefront Motors | Property ID #8 | Facing Southwest



Matrix Supplied June 14, 2021

6. 49-53 Mississauga Rd N | Briarwood Cleaners (49 Mississauga Rd N) | Property ID #3 | Facing Northeast

Matrix Supplied June 14, 2021

Matrix Supplied June 14, 2021



7. 25-33 Front St N | Don Rowing Club of Mississauga (25 Front St N) | Property ID #17 | Facing North



25-33 Front St N | Mississauga Canoe Club (31 Front St N) | Property ID #17 | Facing North

Matrix Supplied June 14, 2021



9. 26 Stavebank Rd | Trinity Anglican Church Cemetery | Property ID #11 | Facing South



Matrix Supplied June 14, 2021

10. 30 Stavebank Rd | Enersource Hydro Mississauga and Alectra Utilities Corp. | Property ID #12 | Facing Southeast