

Minutes of Meeting

City of Mississauga Flooding Task Force

Meeting No. 8

Date: February 24, 2011

Time: 6:00 pm to 7:30 pm

Location: Committee Room 'A', Civic Centre, City of Mississauga

Attendees:

City of Mississauga:

Mayor Hazel McCallion

Councillor Tovey, Ward 1

Councillor Dale, Ward 4

Councillor Iannicca, Ward 7

Wendy Alexander, Transportation & Works

Joe Pitushka, Transportation & Works

Lincoln Kan, Transportation & Works

Al Sousa, Transportation & Works

Jeremy Blair, Transportation & Works

Muneef Ahmad, Transportation & Works

Andy Wickens, Community Services

Credit Valley Conservation:

John Kinhead, Water Resources

Residents:

Helene Bahsious, Rhonda Valley

Roger Beaulieu, Nadine Crescent

Bob Bennett, Minette Circle

Greg Carraro, Paisley Blvd E.

Roger Coote, Munden Park Homeowners Association

Monique Gagnon, Kirwin Avenue

Connie McClure, Paisley Blvd. E.

Mike Pothier, Mississauga Valley Blvd

Region of Peel:

Linda Petelka, Wastewater Division

Jeanne Thomsen, Wastewater Division

Doug Inouye, Wastewater Division

Guests:

Dave Maunder, Aquafor Beech Limited

Tim Dekker, LimnoTech

Daniel Lautenbach, LimnoTech

1. Welcome and Approval of Agenda – Mayor McCallion

2. Approval of Previous Minutes – Jeremy Blair (City)

3. Basement Flood Remediation Program Update

- Linda Petelka (Region) provided a status update on the program:
 - the subsidy for backflow prevention valves has been increased from \$675 to \$1250 per household and is retroactive to home owners who have already installed a backflow valve under this program

- a subsidy for sump pumps has been approved by both City and Regional Councils for contributions of up to \$2000 per household from each municipality, based on a cost sharing arrangement between the City, Region and homeowner
- the Basement Flood Remediation Program has been expanded to include houses for which smoke testing indicated a potential cross-connection, as well as houses which are connected by wye service leads to houses deemed eligible for check valve installation
- letters have been sent out to those households which did not respond to the initial invitation to participate in the program
- the manholes on Nadine Crescent have been sealed and the program is continuing in other target areas
- Region is continuing to develop a long-term program
- Discussion regarding condos and building codes:
 - condominium townhouses with a common sanitary lateral to the municipal system cannot be included in the program (i.e. not eligible for check valves) due to the configuration of the plumbing system
 - John Kinhead (CVC) noted that the Ministry of Municipal Affairs and Housing will be hosting an open house information session regarding changes to the Ontario Building Code on March 4th, 2011 at the Mississauga Living Arts Centre from 9:00 to 11:30 am in the Rogers Theatre
 - subsequent to the meeting, Jerry Gajewski of the City's Building Division provided the following information:

"Please be advised that I have reviewed your concerns regarding common sanitary service laterals running beneath 2145 Sherobee Rd., 3175 Kirwin Ave., and 3400 Rhonda Valley.

Through research I have found that the projects in question were constructed in 1972 / 1973 and as per the regulation in effect at that time there was no requirement to have individual sanitary sewers for each individual condominium townhouse unit. Having a communal sanitary building sewer running through and under each unit and servicing the building as a whole was fully acceptable.

Regulations were amended in 1993 to curtail this type of installation. The changes specify that no plumbing serving one unit can be installed under another unless located in a tunnel, pipe corridor, common basement, or parking garage."
- Regarding communications:
 - the Region is working on a communications plan to encourage additional home owners to participate in the program
 - the Region will follow up with Greg Carraro (Paisley Blvd. E.), as he reported that he has not received an invitation to participate in the program

4. Debris Management Program Update

- Andy Wickens (City) and Jeremy provided updates on the forestry and in-stream components of the Debris Management Program, respectively:
 - the 2011 forestry inspection and maintenance program will be the same as 2010, with inspections starting after the spring thaw
 - the 2011 in-stream inspection and maintenance program will also be similar to 2010, with the minor difference being that inspections will occur in the spring and fall, and the maintenance will occur in the summer and late fall/early winter
 - currently, staff is developing a City-wide strategy, including the identification of critical crossings and the associated special management areas (“hotspots”), as well as determining the funding and resource requirements for inclusion in the 2012 Budget request

5. Engineering Study

- Jeremy provided a brief overview of the Engineering Study:
 - the study will focus on seeking new opportunities to reduce the risk of flooding to homes and properties within the floodplain of the Cooksville Creek
 - the study will not deal with other types of urban flooding, such as basement flooding and overland flow in areas outside of the flood plain; other initiatives are underway to address these issues, such as the Basement Flooding Mitigation Program and improvements to overland flow routes
 - the study will review the recommendations of previous reports and studies, including the status of their implementation and the effectiveness and priority of items yet to be completed
 - the study will re-examine flood reduction alternatives that were screened out in previous studies for reasons such as cost and impacts to private properties, infrastructure and the environment
 - the study will also explore and evaluate new flood reduction alternatives that were perhaps not considered or documented in previous studies
 - the Project Manager for this study is Muneef Ahmad, the Water Resources Engineer in Transportation and Works' Environmental Services Section
 - the lead consultants for this study are Aquafor Beech from Mississauga and LimnoTech from Ann Arbor, Michigan
- Muneef provided some details on the timing of the Engineering Study and introduced the lead consultants, Dave Maunder of Aquafor Beech and Tim Dekker of LimnoTech
- Dave and Tim introduced themselves, their firms and their experience

- general deliverables and timing of the study:
 - long list of alternatives (in about 2 months)
 - short list of alternatives (this summer)
 - report (this fall)

6. Minette Circle – Storm Sewer

- Al Sousa (City) provided an update on the investigations of the road settlement issue and the local drainage systems:
 - the road settlement issue appears to be minor and localized and inspection of the storm sewer does not indicate that a subsurface drainage problem is contributing to the settlement problem
 - video inspections of the local storm sewers did not reveal any blockages or structural defects with the infrastructure
 - a video inspection of the drainage system of Mike Pothier's reverse-sloped driveway did not reveal any blockages, but revealed that another lateral (potentially from the neighbouring property) is connected to his drainage system
- Bob Bennett (Minette Circle) is concerned with groundwater conditions in the local area and its impact on the storm drainage system and continues to be concerned with the surcharging of the storm manholes during large rain storm events
- Mike Pothier (Mississauga Valley Boulevard) is concerned that there is still a blockage in the drainage system for his reverse-slope driveway
- Joe Pitushka (City) offered to have a separate meeting with Bob and Mike to review the video inspections with them (***this took place immediately after the Task Force meeting***)

7. Nadine Crescent – Overland Flow Route Update

- Jeremy advised that City staff are currently preparing the design drawings for the overland flow route improvement from Nadine Crescent to Bloor Street
- the location of the overland flow route is along an easement straddling the property line between 3377 and 3381 Nadine Crescent

8. Other Issues

- Monique submitted two photographs of unidentifiable material in the Cooksville Creek behind the residential units at 3175 Kirwin Avenue (**Jeremy advised that staff will investigate**)
- Jeremy provided an update on the City's plan and activities to seek easements along the Cooksville Creek
 - the Mayor recommends that staff wait until the Engineering Study is completed before approaching land owners
 - Lincoln Kan (City) advised that staff will be meeting with Jerry Humenuk, the major land owner along Shepard Avenue, and his consultants on Monday, February 28th (**an update is to be provided to the Mayor afterwards**)
- the applicability and effectiveness of Low Impact Development (LID) techniques, such as permeable pavements, in reducing flooding was discussed (**an educational session on LID techniques will be planned for an upcoming Task Force meeting**)
- Councillor Tovey asked the group if there is interest in having a "Spring Clean-up" day along the Cooksville Creek this year (**Andy Wickens is to follow up with Councillor Tovey**)
- a link to the Mississauga News article regarding the Ontario Public Works Association award to the Region of Peel, City of Mississauga and Credit Valley Conservation will be posted on the "Cooksville Updates" website

9. Next Steps

- The next Task Force meeting will be held on Thursday, May 26, 2011 in Committee Room 'C', Mississauga Civic Centre at 6:00 pm.

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