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Table 1. Summary

Month	Time	Criterion 1	Criterion 2	Criterion 3	Criterion 4	Criterion 5	Notes/ Explanations						
		Met/Not Met	Met/Not Met	Met/Not Met	Met/Not Met	Met/Not Met							
June 21st	7:07 AM	Met	Met	n/a for date	n/a for date	n/a for date	Criterion 1 met although no impact zone is shadowed by proposal for properties on northwest of site. This does not occur for more than two consecutive test hours (refer to SPA812).						
	7:20 AM	Met											
	8:20 AM	Met*											
	9:20 AM	Met*											
	10:20 AM	Met											
	11:20 AM	Met											
	12:20 PM	Met											
	1:20 PM	Met											
	2:20 PM	Met											
	3:20 PM	Met											
	4:20 PM	Met											
	5:20 PM	Not Met											
	6:20 PM	Not Met											
	7:20 PM	Not Met											
7:33 PM	Not Met												
Sept 21st	8:35 AM	Not Met	Met	See Table 3	n/a - no turf and flower gardens within Public Parks	n/a for date	Criterion 1 and 5 not met as no impact zone is shadowed by proposal for more than two consecutive hourly test times between 08:35AM to 11:12AM (refer to SPA816).						
	9:12 AM	Not Met											
	10:12 AM	Not Met											
	11:12 AM	Not Met											
	12:12 PM	Met											
	1:12 PM	Met											
	2:12 PM	Met											
	3:12 PM	Met											
	4:12 PM	Met											
	5:12 PM	Met*											
	5:48 PM	Met*											
	Dec 21st	9:19 AM						n/a for date	Not Met	n/a for date	n/a for date	n/a for date	
		10:17 AM											
		11:17 AM											
12:17 PM													
1:17 PM													
2:17 PM													
3:15 PM													

Table 2. Criteria 2

	Time	Coppersmith Grove Park Area			Trapper's Green Park Area			Dunn Park Area			Proposed Outdoor Amenity Area				
		Sun Coverage*	Percentage	Date Average	Sun Coverage*	Percentage	Date Average	Sun Coverage*	Percentage	Date Average	Sun Coverage*	Percentage	Date Average		
		June 21st	7:07 AM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	732.94	36.36%	57.57%
	7:20 AM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	820.00	40.68%			
	8:20 AM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	831.07	41.23%			
	9:20 AM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	937.42	46.51%			
	10:20 AM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	1,190.27	59.05%			
	11:20 AM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	1,499.55	74.39%			
	12:20 PM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	1,718.10	85.24%			
	1:20 PM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	1,913.52	94.93%			
	2:20 PM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	2,010.37	99.74%			
	3:20 PM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	2,009.45	99.69%			
	4:20 PM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	1,627.84	80.76%			
	5:20 PM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	978.02	48.52%			
	6:20 PM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	581.78	28.86%			
	7:20 PM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	330.03	16.37%			
	7:33 PM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	227.06	11.26%			
Sept 21st	8:35 AM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	490.24	24.32%	50.12%		
	9:12 AM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	418.37	20.76%			
	10:12 AM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	426.69	21.17%			
	11:12 AM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	763.76	37.89%			
	12:12 PM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	1,238.10	61.42%			
	1:12 PM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	1,623.27	80.53%			
	2:12 PM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	1,918.83	95.20%			
	3:12 PM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	1,958.70	97.17%			
	4:12 PM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	1,663.33	82.52%			
	5:12 PM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	394.68	19.58%			
	5:48 PM	7,289.41	100.00%	100.00%	8,165.95	100.00%	100.00%	25,787.86	100.00%	100.00%	215.81	10.71%			
	Dec 21st	9:19 AM	7,289.41	100.00%	99.91%	8,165.95	100.00%	99.10%	25,787.86	100.00%	100.00%	374.66		18.59%	31.12%
		10:17 AM	7,248.64	99.40%	99.10%	8,165.95	100.00%	99.10%	25,787.86	100.00%	100.00%	480.00		23.81%	
		11:17 AM	7,289.41	100.00%	99.10%	8,165.95	100.00%	99.10%	25,787.86	100.00%	100.00%	456.68		22.66%	
12:17 PM		7,289.41	100.00%	99.99%	8,165.13	99.99%	99.10%	25,787.86	100.00%	100.00%	442.42	21.95%			
1:17 PM		7,289.41	100.00%	99.50%	8,043.46	98.50%	99.10%	25,787.86	100.00%	100.00%	579.04	28.73%			
2:17 PM		7,289.41	100.00%	95.70%	7,814.81	95.70%	99.10%	25,787.86	100.00%	100.00%	689.23	34.19%			
3:15 PM		7,289.41	100.00%	99.50%	8,125.12	99.50%	99.10%	25,787.86	100.00%	100.00%	1,368.77	67.91%			

* Sun Coverage calculated by subtracting full extent of shadow impact of proposal from total park area
* The criteria is not met for proposed Outdoor Amenity Area for December 21

Table 3. Criteria 3		Low/ Medium Density	High Density	
Sept 21st	8:35 AM			
	9:12 AM	Not Met	Met	
	10:12 AM	Not Met	Met	
	11:12 AM	Not Met	Met	
	12:12 PM		Met	
	1:12 PM		Met	
	2:12 PM		Met	
	3:12 PM	Met	Met	
	4:12 PM	Met	Met	
	5:12 PM		Met	
	5:48 PM		Met	
	SUMMARY		Not Met	Met

* The criteria is not met at Folkway Drive on the northwest sidewalk but is met at Sawmill Valley Drive northeast sidewalk. Refer to SPA816 and SPA818.

#	DATE	DESCRIPTION	BY
2	2024-09-19	PARTIAL REZONING SUBMISSION	MNZ
1	2022-08-22	OFFICIAL PLAN AND REZONING SUBMISSION	AYU

QUEENSCORP[®]

PROJECT
4099 Erin Mills Parkway, Mississauga, ON

DRAWING
SHADOW STUDY ANALYSIS

PROJECT NO. 19.001	
PROJECT DATE 2024-09-19	
DRAWN BY TPV	
CHECKED BY AYU	
SCALE	

DRAWING NO. **SPA811** REV. **2**