

SWM POND DESIGN CALCULATIONS
Tailwater Analysis Summary (PCSWMM)

Project Name: Derry - Britannia Developments Limited
Municipality: City of Mississauga
Project No.: 20-652
Date: 19-Jul-24

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Submission Number: 2nd Submission

Storm Event	SWM Pond Volume (Storage Node SU1) (m ³)	SWM Pond Water Level (Storage Node SU1) (m)	SWM Pond Outflow (Node J1) (m ³ /s)	Pond Target Flow (m ³ /s)
25 mm	5,151	188.15	0.042	0.063
2-Year	9,623	188.48	0.066	0.075
5-Year	13,671	188.76	0.138	0.319
100-Year	24,755	189.49	0.508	0.860
Regional	46,376	190.77	0.666	1.289