

## **APPENDIX 'D'**

# **COMBINED SEWER OVERFLOW AND BYPASS PUMPING**

2025 Sewer Renewals by CIPP Lining - Contract 1

Tender No. 1005-2025

Appendix D - Combined Sewer Overflow Review and Bypass Pumping

Asset Number	Street Name	Upstream Invert (m)	Drainage Area (ha)	Average DWF (L/s)	Overflow Node Asset ID	Overflow Elevation (m)	Overflow Description & Comment
S-MA20016753	BALMORAL ST	227.786	3.66	N/A	S-MH20015291	229.015	Backed up flow will spill back to the combined system and adjacent Bannatyne sewer district at Cumberland Ave.
S-MA40003385	BEATRICE ST	225.515	4.07	N/A	None	N/A	Upstream high-end manhole. No upstream system or incoming flows.
S-MA60005514	BROCK ST	230.158	0.81	N/A	S-MH60004183	230.158	Upstream high-end split manhole with no incoming flows. Split at Grant Ave flows south towards the Ash Pump Station and river outfall.
S-MA60005511	BROCK ST	229.695	0.64	N/A	S-MH60004183	230.158	Upstream high-end split manhole with no incoming flows. Split at Grant Ave flows north towards the Ash Pump Station and river outfall.
S-MA60006579	CARPATHIA DR. (S.LEG)	230.900	0.60	N/A	None	N/A	Upstream high-end manhole. No upstream system or incoming flows.
S-MA40008893	CHALMERS AV	228.012	5.13	N/A	None	N/A	Upstream high-end manhole. No upstream system or incoming flows.
S-MA50002509	CHERRIER ST	227.189	4.78	N/A	S-MH70016875	228.23	Backed up flow will overflow to the Seine River at Cherrier St. Outfall.
S-MA00009782	CHURCH AV	227.250	11.81	N/A	S-MH00006264	227.760	Backed up flow will spill to the combined system at McKenzie St.
S-MA50007464	DE MEURONS AV	225.454	29.66	N/A	S-MH50006377	225.832	Backed up flow will spill back to the combined system at Dubuc St.
S-MA50007463	DE MEURONS AV	225.771	29.66	N/A	S-MH50006377	225.832	Backed up flow will spill back to the combined system at Dubuc St.
S-MA50007462	DE MEURONS AV	225.826	29.66	N/A	S-MH50006377	225.832	Backed up flow will spill back to the combined system at Dubuc St.
S-MA40008567	DEARBORN AV	227.097	2.52	N/A	S-MH40007930	227.097	Upstream high-end split manhole with no incoming flows. Split at Lacy St flows north toward Gordon Ave. and Hart Pump Station.
S-MA70026779	DUBUC ST	225.230	34.09	N/A	S-MH50006379	225.670	Backed up flow will spill back to the combined system at Hill St, flowing towards the Metcalfe Pump Station.
S-MA50002619	EUGENIE ST (CL)	226.643	2.97	N/A	S-MH50002215	226.966	Backed up flow will spill back to the combined system at Des Meurons St.
S-MA70009101	FURBY ST	227.630	10.76	N/A	None	N/A	No upstream overflow relief.
S-MA20014634	FURBY ST	228.510	2.16	N/A	None	N/A	No upstream overflow relief.
S-MA50006244	HALLIDAY BY NLEG	229.024	39.19	N/A	S-MH50005322	229.024	Backed up flow will spill back to the combined system at Halliday Bay (S. Leg).
S-MA50006248	HALLIDAY BY S LEG	228.536	39.19	N/A	S-MH50005322	229.024	Backed up flow will spill back to the combined system at Halliday Bay (N. Leg).
S-MA40008936	HARBISON AV W	227.350	3.15	N/A	S-MH40008136	228.470	Upstream high-end split manhole with no incoming flows. Split flows east on Harbison Av towards Roch St.
S-MA40013684	HARVARD AV W	231.118	8.12	N/A	S-MH40012497	231.118	Upstream high-end split manhole with no incoming flows. Split flows east on Harvard towards Bond St.
S-MA50007505	HILL ST.	225.050	31.18	N/A	S-MH50006379	225.573	Backed up flow will spill back to the combined system at Dubuc St., flowing west towards the Marion Pump Station.
S-MA50007504	HILL ST.	225.130	31.18	N/A	S-MH50006379	225.573	Backed up flow will spill back to the combined system at Dubuc St., flowing west towards the Marion Pump Station.
S-MA50004191	HILLCREST AV	226.884	12.01	N/A	None	N/A	No upstream overflow relief.
S-MA50002632	HORACE ST	226.847	4.05	N/A	S-MH50002230	226.847	Upstream high-end split manhole with no incoming flows. Split flows west on Horace St. towards Des Meurons St.
S-MA00012028	KILDARROCH ST.	228.180	2.23	N/A	S-MH00010481	228.820	Backed up flow will spill into the SRS at S-MH00010481 on Kildarroch St, ultimately discharging to the Red River.
S-MA20018441	LANGSIDE ST	229.761	2.13	N/A	None	N/A	Upstream high-end manhole. No upstream system or incoming flows.
S-MA00009465	LANSDOWNE AV	224.770	5.93	N/A	S-MH00011169	226.000	Backed up flow will spill into the SRS via a weir at Salter St, ultimately discharging to the Red River.
S-MA50003618	LAWNDALE AV	227.330	3.17	N/A	S-MH50003105	228.149	Backed up flow will spill back to the combined system at Birchdale Ave.

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Asset Number	Street Name	Upstream Invert (m)	Drainage Area (ha)	Average DWF (L/s)	Overflow Node Asset ID	Overflow Elevation (m)	Overflow Description & Comment
S-MA40013595	MADELINE ST	227.475	451.73	N/A	S-MH40012306	227.475	Asset is a trunk sewer overflow pipe to an adjacent, parallel trunk sewer. Flows would only occur within the asset if the trunk sewer is surcharged.
S-MA20016700	MCGEE ST	229.179	1.35	N/A	None	N/A	Upstream high-end manhole. No upstream system or incoming flows.
S-MA20016866	MCMICKEN ST	229.313	0.49	N/A	None	N/A	Upstream high-end manhole. No upstream system or incoming flows.
S-MA00010672	MOUNTIAN AVE (CL)	228.415	2.83	N/A	S-MH00014559	228.700	Backed up flow will spill into the SRS via a weir at Tinniswood St, ultimately discharging to the Red River at St. John's Ave.
S-MA40008647	NOBLE AV	225.342	4.17	N/A	S-MH40007874	225.550	Backed up flow will spill into the SRS at S-MH40007874 on Noble Ave. The flow will re-enter the combined sewer system at Beatrice St & Hart Ave.
S-MA40007670	NOTTIGHAM AV	227.330	0.86	N/A	S-MH40006993	227.330	Upstream high-end split manhole with no incoming flows. Split flowing west on Nottingham Ave towards London St.
S-MA60012734	PARKER AV	229.820	0.36	N/A	None	N/A	Upstream high-end manhole. No upstream system or incoming flows.
S-MA50015607	PILGRIM AV	227.900	2.54	0.233	None	N/A	No upstream overflow relief.
S-MA70020673	PIONEER AV	228.520	2.27	N/A	None	N/A	No upstream overflow relief.
S-MA50004770	PROVENCHER BLVD	227.460	7.26	N/A	S-MH50004096	228.440	Backed up flow will spill back to the combined system on St Jean Baptiste St. at De La Cathedrale Ave.
S-MA50011044	PROVENCHER BLVD	228.420	4.46	N/A	S-MH50008958	228.771	Backed up flow will spill back to the combined system on Provencher Blvd east of Thibault St.
S-MA00010655	RADFORD ST	228.860	2.53	N/A	S-MH00008556	229.450	Backed up flow will spill to the combined system at S-MH00008556 on Radford St, flowing north toward Church Ave.
S-MA00015413	REDWOOD AVE	227.966	5.56	N/A	S-MH00013722	227.966	Upstream high-end split manhole. Split flowing east on Redwood Ave toward Main St Interceptor.
S-MA50004492	RUE AUBERT	224.180	4.31	N/A	None	N/A	No upstream overflow relief.
S-MA50003017	RUE LANGEVIN	228.634	5.79	N/A	S-MH50002548	228.634	Backed up flow will spill back to the combined system at Hamel Ave.
S-MA50004710	RUE ST. JOSEPH	228.370	3.41	N/A	None	N/A	Upstream high-end manhole. No upstream system or incoming flows.
S-MA20018248	SHERBROOK ST	229.202	3.71	N/A	S-MH20016335	229.223	Backed up flow will spill into the SRS at S-MH20016335 on Sherbrook St north of Cumberland Ave, ultimately discharging to the Assiniboine River.
S-MA50005031	SPEERS RD	228.164	34.71	N/A	S-MH50001962	229.130	Backed up flow will spill back to the combined system on Crestwood Cres. At Gatineau Bay, flowing east towards Westmount Dr.
S-MA20016780	SPENCE ST	227.512	1.76	N/A	S-MH20015198	228.200	Backed up flow will spill to SRS at S-MH20015291 on Spence St north of Sargent Ave, ultimately discharging to the Assiniboine River.
S-MA50004406	TACHE AV	225.723	10.72	N/A	None	N/A	No upstream overflow relief.
S-MA00010702	TINNISWOOD ST	228.740	1.07	N/A	S-MH00008530	228.850	Backed up flow will spill into the SRS via a weir at S-MH00008530 on Tinniswood St north of Mountain Ave, ultimately discharging to the Red River.
S-MA60001505	WESTGROVE WAY	234.056	6.95	N/A	S-MH60001083	234.748	Backed up flow will spill back to the combined system on Westgrove Way, flowing south towards Dale Blvd.
S-MA40013706	WHITTIER AV W	228.203	8.12	N/A	None	N/A	Upstream high-end manhole. No upstream system or incoming flows.
S-MA40011254	WILLIAM NEWTON AV	228.050	4.51	N/A	S-MH40010194	228.090	Upstream high-end split manhole with no incoming contributors. Split flows east on William Newton Av towards Watt St.
S-MA40013685	WINONA ST	228.292	16.92	N/A	S-CS00000559 S-MA70161266	229.370	Backed up flow will spill back to the combined system at Yale Ave. W., flowing west on Yale Ave. towards Plessis Rd.