

APPENDIX 'D'
COMBINED SEWER OVERFLOW REVIEW

2025 Sewer Renewals by CIPP Lining - Contract 2

Tender No. 1006-2025

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-MA00015145	ABERDEEN AV	227.650	1.89	N/A	None	N/A	No upstream overflow relief.
S-MA20016393	AGNES ST	228.688	4.72	N/A	S-MH20014753	228.972	Backed up flow will spill into the SRS via weir at upstream manhole S-MH20013465, ultimately discharging via Donald St. to the Assiniboine River. SRS connection may need to be plugged and monitored to prevent inadvertent CSO during lining. No additional overflows further upstream.
S-MA00015355	ANDERSON AV	228.190	5.23	N/A	None	N/A	No upstream overflow relief.
S-MA00009144	ATLANTIC AV	227.730	1.70	N/A	None	N/A	No upstream overflow relief.
S-MA00009119	ATLANTIC AV	228.360	1.70	N/A	None	N/A	Upstream high-end manhole. No upstream system or incoming flows.
S-MA20016667	BALMORAL ST	227.469	9.18	N/A	S-MH20015100	228.780	Backed up flow will spill to the combined system on Qu'Appelle Ave at Kennedy St, flowing south toward Ellice Ave. Potential for CSO at connection to SRS at Kennedy St manhole S-MH20015102, ultimately discharging to the Red River via McDermot Ave.
S-MA20014851	BALMORAL ST	228.690	1.59	N/A	None	N/A	Upstream high-end manhole. No upstream system or incoming flows.
S-MA20014818	BALMORAL ST	226.680	3.81	N/A	S-MH20013399	228.300	Backed up flow will spill into the SRS via a weir upstream at S-MH20013399 south of St Mary Ave, ultimately discharging via Spence St. to the Assiniboine River.
S-MA20014790	BALMORAL ST	226.354	3.44	N/A	S-MH20013142	226.791	Backed up flow will discharge into the SRS via upstream manhole S-MH20013399 north of Granite Way, ultimately discharging via Spence St. to the Assiniboine River.
S-MA00012469	BANNERMAN AV	228.750	4.46	N/A	None	N/A	Upstream high-end manhole. No upstream system or incoming flows.
S-MA00017684	BEACONSFIELD ST	228.380	2.11	N/A	None	N/A	Upstream high-end manhole. No upstream system or incoming flows.
S-MA00012482	CATHEDRAL AV	228.830	5.17	N/A	S-MH00010798	228.890	Overflow connection to SRS at upstream manhole S-MH00010798 at Sinclair St. SRS discharges back into the combined system at S-MH00006239 on Arlington St at Polson Ave. SRS connection may need to be plugged and monitored to prevent inadvertent CSO during lining.
S-MA20014873	COOPER AV	225.881	1.14	N/A	None	N/A	No upstream overflow relief.
S-MA00013061	DUFFERIN AV	227.460	12.93	N/A	S-MH00011662 S-MH00011677 S-MH00011708	227.738 (SRS) 227.700 (SRS) 228.200 (CS)	Overflow connections to SRS at adjacent manholes S-MH00011662 and S-MH00011677, ultimately discharging via Burrows Ave. to the Red River. SRS connections may need to be plugged to prevent inadvertent CSO during lining. Overflow to adjacent combined system at S-MH00011708 on Salter St at Stella Ave, flowing north on Salter St toward Selkirk Ave.
S-MA20014637	FURBY ST	229.051	2.16	N/A	None	N/A	Upstream high-end manhole. No upstream system or incoming flows.
S-MA20016547	FURBY ST	228.021	2.64	N/A	S-MH20014881 S-MH20014796	228.279 228.660	Backed up flow will spill to SRS immediately upstream at S-MH20014881, ultimately discharging via Spence St. to the Assiniboine River. SRS connection may need to be plugged to prevent inadvertent CSO during lining. Additional overflow to SRS upstream at S-MH20014796 on Furby St south of Furby Pl.
S-MA20014848	GOOD ST	228.518	1.74	N/A	None	N/A	No upstream overflow relief.
S-MA20014805	GOOD ST	227.673	1.74	N/A	None	N/A	No upstream overflow relief.

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S-MA00013790	LISGAR AV	228.070	2.38	N/A	None	N/A	Upstream high-end manhole. No upstream system or incoming flows.
S-MA00013172	MANITOBA AV	228.280	2.69	N/A	S-MH00013147	229.271	Backed up flow will spill to the combined system at upstream manhole S-MH00013147 at Powers St, flowing south toward Selkirk Ave.
S-MA20007193	MCDERMOT AVE W	231.291	33.77	N/A	None	N/A	Upstream high-end manhole. No upstream system or incoming flows.
S-MA20016714	MCGEE ST	229.652	1.27	N/A	S-MH20015026	229.652	Upstream high-end split manhole with no incoming contributors. Mid-block split at sewer district boundary (Colony/Bannatyne) flows north towards Wellington Ave.
S-MA20014439	MCGEE ST. (W. LEG)	228.984	1.14	N/A	S-MH20013040	228.984	Upstream high-end split manhole with no incoming contributors. Mid-block split flows south toward Portage Ave.
S-MA20016794	MCMICKEN ST	229.176	0.49	N/A	None	N/A	Upstream high-end manhole. No upstream system or incoming flows.
S-MA20016557	MCMICKEN ST	227.923	3.47	N/A	None	N/A	No upstream overflow relief. However, minimal contributing area upstream.
S-MA20014908	MEMORIAL BV (W. of CL)	227.870	1.14	N/A	S-MH20013486	227.870	Backed up flow will spill to the combined system at upstream manhole S-MH20013486 at Cooper Ave, flowing west toward Colony St.
S-MA00007450	PARK LANE AV (E. LEG)	229.420	53.31	N/A	None	N/A	No upstream overflow relief.
S-MA20014617	PORTAGE AV	228.960	1.68	N/A	S-MH20013239	228.960	Upstream high-end split manhole with no incoming contributors. Split at Furby Street flows east towards Colony St.
S-MA20016471	PORTAGE AV (CL to S. of CL)	227.469	4.76	N/A	S-MH20014815 S-MH20013239	227.650 228.960	Backed up flow will spill to SRS via a weir at upstream manhole S-MH20014815, ultimately discharging via Spence St. to the Assiniboine River. SRS connection may need to be plugged to prevent inadvertent CSO during lining. Additional overflow to combined system at upstream manhole S-MH20013239 at Furby St.
S-MA20016754	QU'APPELLE AV	228.290	3.66	N/A	S-MH20015100	228.780	Backed up flow will spill to the combined system at S-MH20015100 at Kennedy St, flowing south toward Ellice Ave. Potential for CSO at connection to SRS at Kennedy St manhole S-MH20015102, ultimately discharging to the Red River via McDermot Ave.
S-MA20012155	ROSS AV	230.072	33.77	N/A	None	N/A	No upstream overflow relief.
S-MA00015339	SALTER AV	227.010	5.23	N/A	S-MH00013703	227.210	Connections to SRS and adjacent combined system at upstream manhole S-MH00013703 at Church Ave. SRS connection may need to be plugged to prevent inadvertent CSO during lining.
S-MA20016837	SARGENT AV	228.597	0.49	N/A	S-MH20015163	228.813	Backed up flow will spill to the combined system at Langside St, flowing south toward Ellice Ave. Connection to SRS at downstream Ellice Ave manhole S-MH70008171 ultimately discharging to the Assiniboine River via Spence St.
S-MA00010935	SEKIRK AV	228.940	5.55	N/A	S-MH00008778	229.190	Backed up flow will spill to the combined system at high-end split manhole S-MH00008778 one segment upstream. Mid-block split at sewer district boundary (St John's/Selkirk) flows east towards Main Street.

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S-MA00010838	SELKIRK AV	228.640	5.55	N/A	S-MH00008715	229.680	Backed up flow will spill back to the combined system at upstream sewer district boundary (St John's/Jefferson West) at McPhillips St, flowing north on McPhillips toward Inkster Blvd.
S-MA20018247	SHERBROOK ST	229.670	3.71	N/A	None	N/A	Upstream high-end manhole. No upstream system or incoming flows.
S-MA20017658	SHERBROOK ST	228.560	4.00	N/A	S-MH20013192	228.600	Overflow to SRS at upstream manhole S-MH20013192. Backed up flow will spill to the SRS then spill via Spence St. to the Assiniboine River. SRS connection may need to be plugged to prevent inadvertent CSO during lining.
S-MA20013651	SHERBROOK ST.	229.033	2.83	N/A	None	N/A	Upstream high-end manhole. No upstream system or incoming flows.
S-MA20017441	TORONTO ST	228.650	1.94	N/A	S-MH20015649 S-MH20015392	228.658 229.340	Overflow to SRS at upstream manhole S-MH20015649. Backed up flow will spill to the SRS via Spence St. to the Assiniboine River. SRS connection may need to be plugged to prevent inadvertent CSO during lining. Additional overflow to SRS upstream at sewer district boundary (Colony/Comish).
S-MA20017152	TORONTO ST	229.110	1.94	N/A	S-MH20015392	229.340	Upstream high-end manhole. No upstream system or incoming flows. Upstream manhole S-MH20015392 has connection to SRS, but no incoming flow, therefore no risk of CSO during lining.
S-MA20016468	VAUGHAN ST	228.027	2.34	N/A	S-MH20013465	228.320	Backed up flow will spill into the SRS via a weir at S-MH20013465, ultimately discharging via Donald St. to the Assiniboine River.
S-MA20014913	VAUGHAN ST	228.220	2.34	N/A	S-MH20013465	228.320	Overflow connection to SRS at upstream manhole S-MH20013465. Backed up flow will spill into the SRS via a weir at S-MH20013465, ultimately discharging via Donald St. to the Assiniboine River. SRS connection may need to be plugged and monitored to prevent inadvertent CSO during lining. No additional overflows further upstream.
S-MA20014369	WESTMINSTER AV	229.298	2.83	N/A	None	N/A	Upstream high-end manhole. No upstream system or incoming flows.
S-MA20011840	WILLIAM AV W	229.828	29.17	N/A	None	N/A	No upstream overflow relief.
S-MA20013677	WOLSELEY AV (N. of CL)	229.255	2.83	N/A	None	N/A	No upstream overflow relief.
S-MA70104335	YOUNG ST	228.310	2.36	N/A	None	N/A	No upstream overflow relief.
S-MA70054642	YOUNG ST	228.566	1.51	N/A	S-MH20015264	229.103	Backed up flow will spill back to the combined system at upstream sewer district boundary (Colony/Bannatyne), flowing north towards Notre Dame Ave.
S-MA20016559	YOUNG ST	227.786	2.36	N/A	None	N/A	No upstream overflow relief.