



# Capital Regional District Core Area Liquid Waste Management Plan



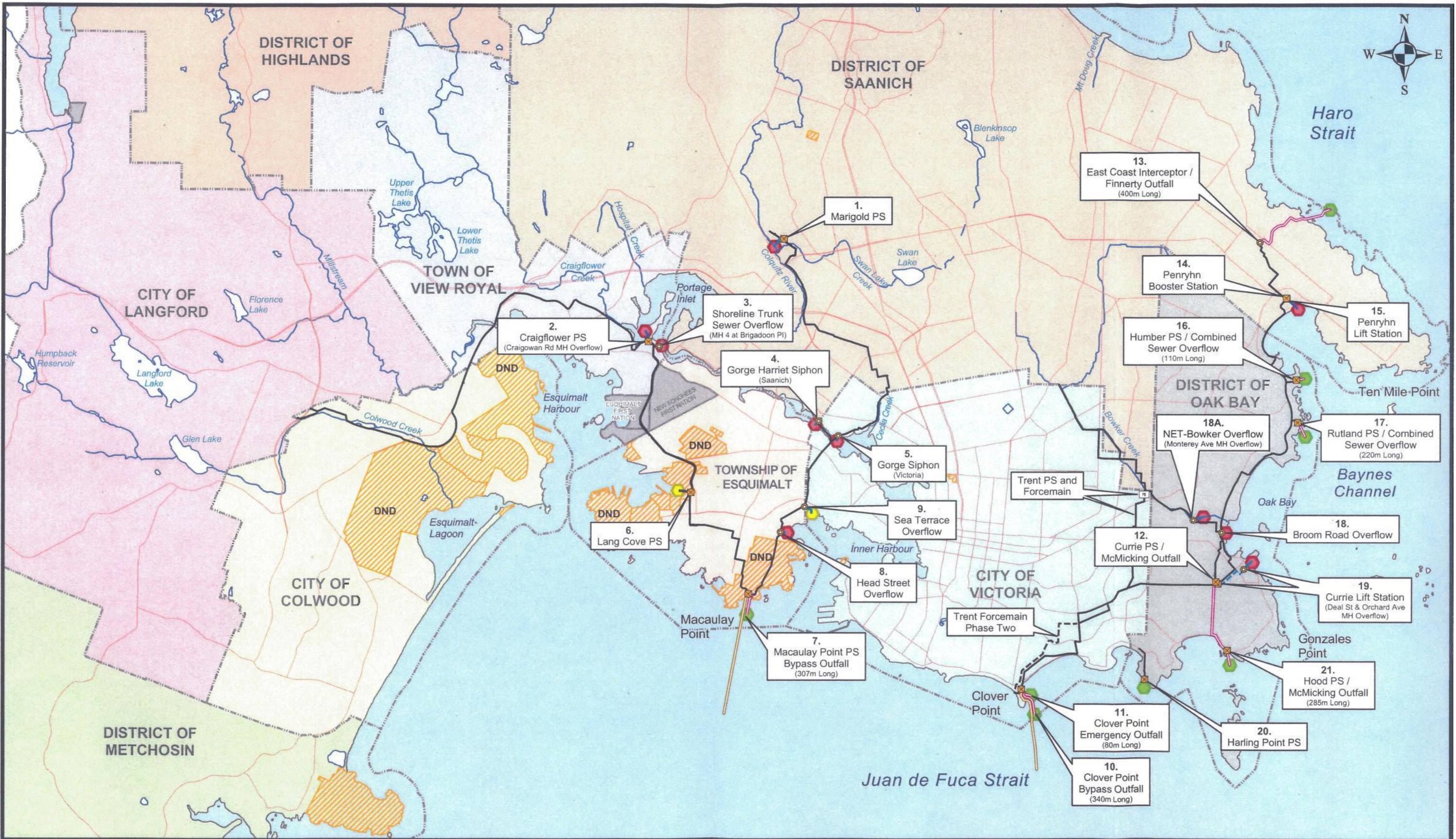
## Sanitary Sewer Overflow Management Plan

To Ministry of Environment

Prepared by:  
Engineering Design Services  
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<ul style="list-style-type: none"> <li> CRD Pump Station Overflow Points</li> <li> CRD Sanitary MH/Chamber Overflow Points</li> <li> CRD Trunk Sewers</li> <li> Permitted Sewer Outfalls</li> <li> Overflow Storm Drains</li> <li> Emergency Overflow Outfalls</li> </ul>	<p>Receiving Environment Sensitivity</p> <ul style="list-style-type: none"> <li> High</li> <li> Moderate</li> <li> Low</li> </ul>	<ul style="list-style-type: none"> <li> Municipal and First Nation Reserve Boundaries</li> <li> Major Roads</li> <li> Streams</li> <li> First Nations Reserves</li> <li> Department of National Defence Land</li> </ul>
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0 250 500 1,000 1,500 2,000  
Meters

Projection: Universal Transverse Mercator  
Zone 10 North - North American Datum 1983

**Summary of CRD Overflow Points**  
Figure: 4.2

Table 4.3 below summarizes the number of overflows (caused by less than 5-year storm events) from each CRD overflow point grouped by the sensitivity of the receiving environment. This information is also presented graphically by the bar chart in Figure 4.3 on the next page.

**Table 4.3 CRD Overflows Grouped by Receiving Environment Sensitivity**  
(for all storm events less than a 5-year return period)

	ID No.	Overflow Name	2000	2001	2002	2003	2004	2005	2006	2007	Total
High Receiving Environment Sensitivity	1	Marigold pump station									0
	2	Craigflower pump station	1								1
	3	Shoreline Drive									0
	4	Gorge Harriet siphon									0
	5	Gorge siphon									0
	8	Head Street									0
	15	Penrhyn lift station									0
	18	Broom Road	1								1
	18A	Monterey Avenue <sup>1</sup>	n/a	n/a	n/a	n/a	n/a	11	9	9	29
	<b>Total number of "High" overflows</b>			<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>9</b>	<b>9</b>
Moderate	6	Lang Cove pump station									0
	9	Sea Terrace				2				2	4
	<b>Total no. of "Moderate" overflows</b>			<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>
Low Receiving Environment Sensitivity	7	Macaulay Pt. pump station	3	2	7	2	1	5	3	6	29
	10	Clover Pt. pump stn. bypass	2	3	1	2				6	14
	11	Clover Pt. emergency outfall									0
	12	Currie PS/ McMicking outfall	1	6	2	7	3	7	8	9	43
	13	Finnerty Cove outfall	1	3	3	6	2	3	4	7	29
	14	Penrhyn lift station									0
	16	Humber combined outfall	4	3	1	5	3	6	8	5	34
	17	Rutland combined outfall	4	6	2	8	8	10	8	7	53
	19	Currie lift station								1	1
	20	Harling Pt. pump station		1		1		1	2	2	7
	21	Hood Street pump station						1	1		2
<b>Total number of "Low" overflows</b>			<b>15</b>	<b>24</b>	<b>16</b>	<b>30</b>	<b>17</b>	<b>33</b>	<b>34</b>	<b>43</b>	<b>212</b>

Note: 1. The northeast trunk-Bowker sewer and Monterey Avenue Overflow was transferred to the CRD in 2003 and monitoring equipment was installed in 2005 (overflows were not monitored prior to 2005).