

CAPITAL REGIONAL DISTRICT
 Core Area Wastewater Treatment Program
 Wastewater Treatment Plan – Option 1A

RISK IDENTIFICATION			RISK ASSESSMENT			RISK MITIGATION
CATEGORY	RISK	DATE IDENTIFIED	PROB.	IMPACT	RISK FACTOR	RISK CONTROL STRATEGIES / ACTIONS
			HIGH = 3 MED = 2 LOW = 1	HIGH = 3 MED = 2 LOW = 1	HIGH > 5 MED 4 - 5 LOW < 4	
RISK – OPTION 1A						
Site	McLoughlin Point					
	<ul style="list-style-type: none"> Timing of Environmental Clean-up not within the project schedule 		3	3	9	
	<ul style="list-style-type: none"> Rezoning may not be approved 		2	3	6	
	<ul style="list-style-type: none"> Imperial Oil decides the site is too costly to remediate and does not sell 		1	3	3	
	<ul style="list-style-type: none"> Site Remediation Costs 		3	3	9	
	<ul style="list-style-type: none"> Access agreements with DND 		1	1	1	
	<ul style="list-style-type: none"> Aesthetics 		2	2	4	
	<ul style="list-style-type: none"> Rock Excavation 		3	3	9	
	<ul style="list-style-type: none"> Constructability 		3	3	9	
	<ul style="list-style-type: none"> Space 		3	3	9	
	<ul style="list-style-type: none"> Traffic 		1	1	1	
	<ul style="list-style-type: none"> Community Use 		1	1	1	
	<ul style="list-style-type: none"> Noise 		1	1	1	
	<ul style="list-style-type: none"> Odour Control 		1	2	2	
	<ul style="list-style-type: none"> Impacts on Adjacent Residents 		1	1	1	
Site	Saanich East - North Oak Bay					
	<ul style="list-style-type: none"> Site Purchase 		1	1	1	
	<ul style="list-style-type: none"> Noise 		1	2	2	
	<ul style="list-style-type: none"> Odour 		1	2	2	
	<ul style="list-style-type: none"> Visual Impacts 		1	2	2	
	<ul style="list-style-type: none"> Vibration 		1	2	2	
	<ul style="list-style-type: none"> Truck Traffic 		1	1	1	
	<ul style="list-style-type: none"> Impacts on Forest 		2	2	4	
	<ul style="list-style-type: none"> Environmental Impacts 		1	2	2	
	<ul style="list-style-type: none"> Wildlife Impacts 		1	2	2	
	<ul style="list-style-type: none"> Community Use 		2	2	4	
	<ul style="list-style-type: none"> Property Value Impact 		1	2	2	
Site	West Shore					
	<ul style="list-style-type: none"> Community Use 		2	2	4	
	<ul style="list-style-type: none"> Site Purchase 		3	3	9	
	<ul style="list-style-type: none"> Constructability 		1	1	1	
	<ul style="list-style-type: none"> Space 		1	1	1	
	<ul style="list-style-type: none"> Traffic 		2	2	4	

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			HIGH = 3 MED = 2 LOW = 1	HIGH = 3 MED = 2 LOW = 1	HIGH > 5 MED 4 - 5 LOW < 4	
	• Noise		1	2	2	
	• Odour Control		1	2	2	
	• Impacts on Adjacent Residents		2	2	4	
	• Space for Future Expansion		1	1	1	
Site	Clover Point					
	• Community Use		3	3	9	
	• Visual Impact		3	2	6	
	• Space		3	2	6	
	• Odour		1	2	2	
	• Noise		1	2	2	
	• Traffic		1	2	2	
	• Constructability		3	2	6	
	• Impact to Adjacent Residents		2	2	4	
Site	Macaulay Point					
	• Community Use		1	1	1	
	• Visual Impact		1	1	1	
	• Space		3	1	3	
	• Odour		1	2	2	
	• Noise		1	1	1	
	• Traffic		1	1	1	
	• Constructability		2	2	4	
	• Impact to Adjacent Residents		2	2	4	
Site	Hartland Landfill Bisolds					
	• Community		2	2	4	
	• Visual Impact		2	2	4	
	• Space		1	1	1	
	• Odour		2	2	4	
	• Noise		2	2	4	
	• Traffic		2	2	4	
	• Constructability		2	2	4	
	• Impact to Adjacent Neighbours		1	1	1	
Stakeholders	Acceptance		2	2	4	
	Mitigation Strategies / Costs		2	2	4	
	Social Concerns		2	2	4	
Engineering	Treatment Technology Selection		2	1	2	

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			HIGH = 3 MED = 2 LOW = 1	HIGH = 3 MED = 2 LOW = 1	HIGH > 5 MED 4 - 5 LOW < 4	
	Resource Recovery		2	2	4	
	Foundation / Site Conditions		2	1	2	
	Carbon Footprint		1	1	1	
	Biosolids Treatment		2	2	4	
Financial	Capital Cost / Affordability		2	3	6	
	Operations / Maintenance Costs		1	2	2	
	Available Funding		2	2	4	
	Funding Conditions / Restrictions		2	2	4	
	Cost Escalation		2	2	4	
	Contingency Items		2	2	4	
	Financing Costs		1	1	1	
Procurement	Procurement Strategy		2	1	2	
Construction	Cost		2	3	6	
	Market Conditions		1	3	3	
	Schedule / Delays		2	3	6	
	Changes / Claims		2	2	4	
Other	Natural Disaster		1	3	3	
	Global Warming		1	1	1	
	Treatment System Failure		1	2	2	
	Sludge Pipeline		3	2	6	
	Archeological Conditions		2	2	4	