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Port Hope Long Term Waste Management Facility

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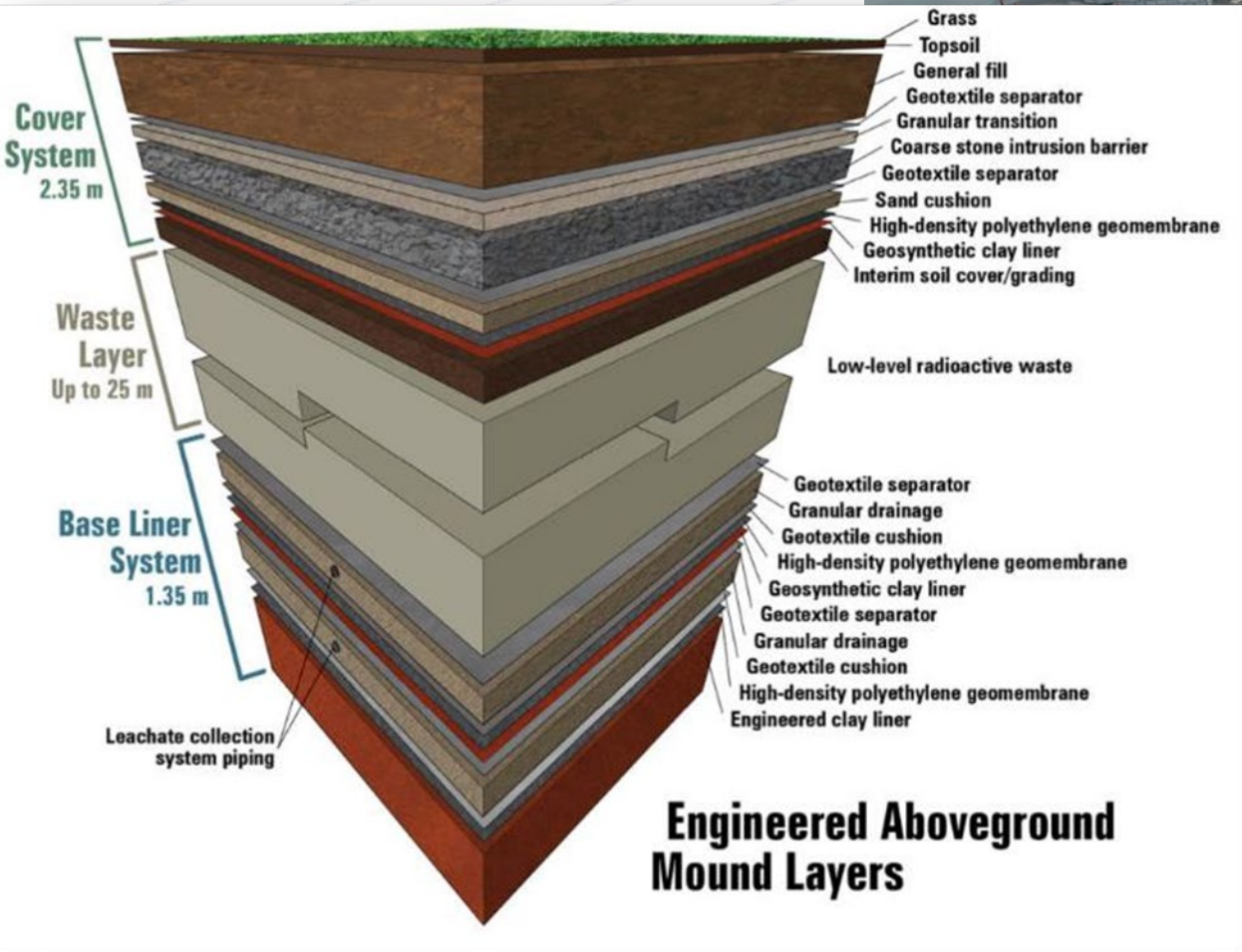
2025 NOVEMBER 06
REMPLEX 2025



Historic Welcome Waste Mound

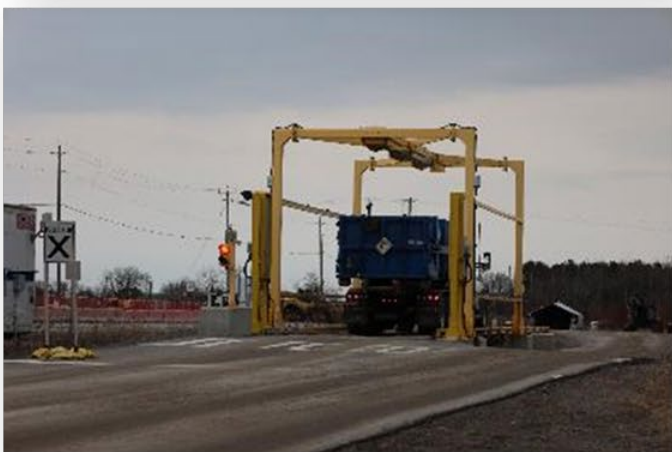


Engineered Containment Mound



Waste Receiving and Placement

Weigh Scales, IAEA Portal and Inspection Cameras



Waste Receiving and Placement

Waste Acceptance Criteria and Waste Placement



Water Collection and Treatment



Water Collection and Treatment

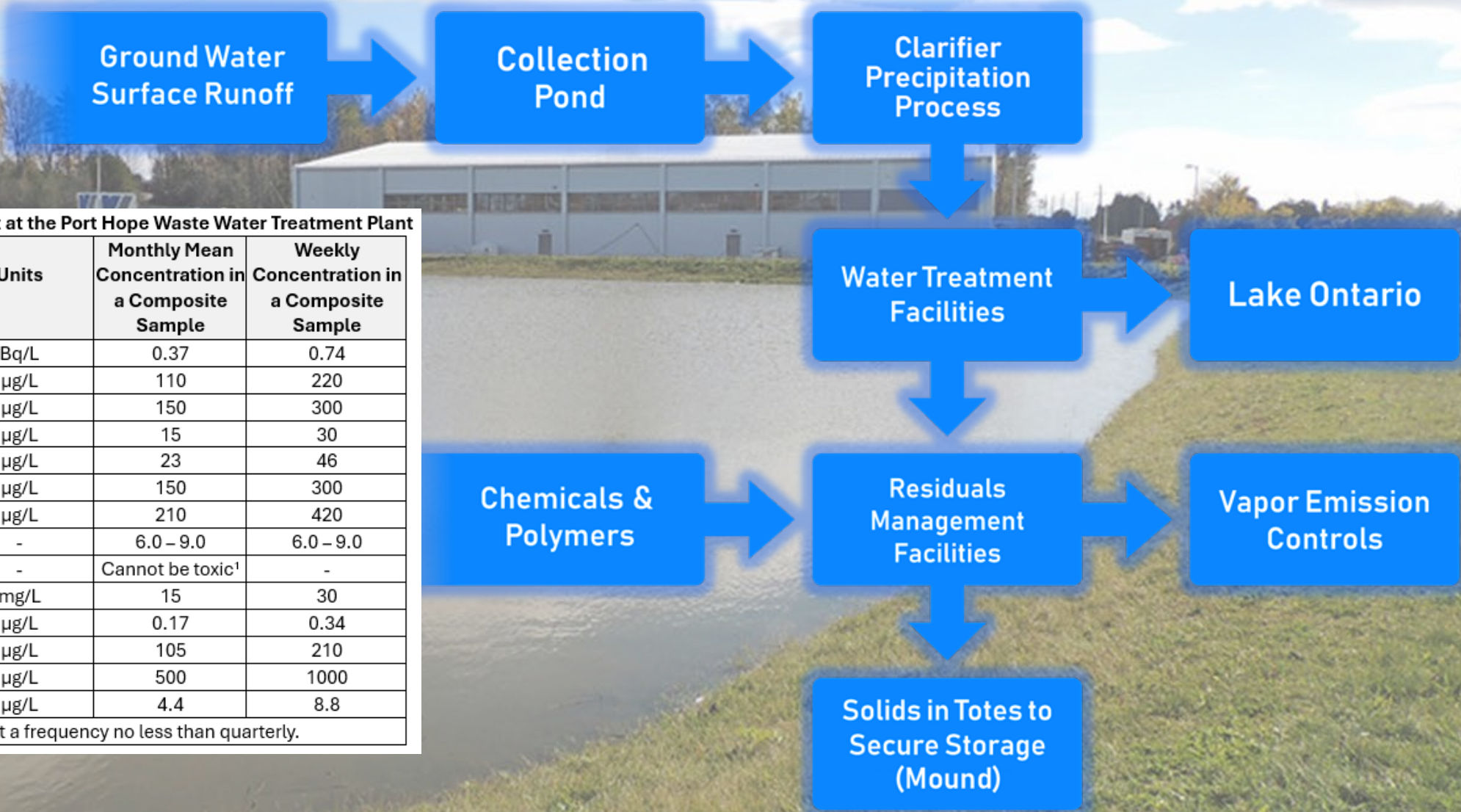


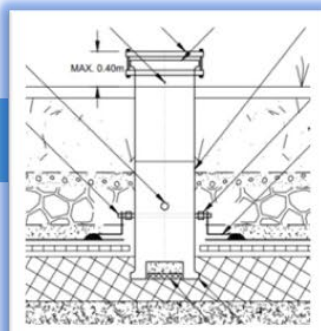
Table 11: Release Limits for Liquid Effluent at the Port Hope Waste Water Treatment Plant

Parameter	Units	Monthly Mean Concentration in a Composite Sample	Weekly Concentration in a Composite Sample
Radium-226	Bq/L	0.37	0.74
Total Aluminum	µg/L	110	220
Total Arsenic	µg/L	150	300
Total Copper	µg/L	15	30
Total Lead	µg/L	23	46
Total Uranium	µg/L	150	300
Total Zinc	µg/L	210	420
pH	-	6.0 – 9.0	6.0 – 9.0
Acute Toxicity	-	Cannot be toxic ¹	-
Total Suspended Solids	mg/L	15	30
Total Cadmium	µg/L	0.17	0.34
Total Cobalt	µg/L	105	210
Total Phosphorus	µg/L	500	1000
Total Vanadium	µg/L	4.4	8.8

¹ Acute toxicity testing is to be performed at a frequency no less than quarterly.



Long-Term Management and Site Features





Miigwetch . Thank you. Merci



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PH.Area.Initiative



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CNL's Port Hope Area Initiative

