

**Port Hope Long-Term Waste Management Facility**

2023 February 09

**Table 1 – Toxicity Results (2022 October to December)**

WNSL-W1-2310.02/2022 Phase 1 Release Limits for Liquid Effluent		Monthly Results from Sample Analysis		
Parameter	Monthly Average Limits	October	November	December
Toxicity Testing	Effluent cannot be toxic	PASS	No Final Effluent Discharge	PASS

**Table 2 – Effluent Results (2022 October to December)**

Parameter	Units	Action Levels	Release Limit (monthly mean)	Release Limit (weekly composite)	Maximum Weekly Results			Monthly Average		
					October	November	December	October	November	December
Radium-226	Bq/L	0.05	0.37	0.74	<0.005	No Final Effluent Discharge	<0.005	<0.005	No Final Effluent Discharge	<0.005
Total Aluminum	µg/L	100	110	220	1		2	<1		<1.3
Total Arsenic	µg/L	41	150	300	1.2		0.6	1.0		0.5
Total Copper	µg/L	5	15	30	0.9		0.3	0.6		0.3
Total Lead	µg/L	5	23	46	0.07		0.08	0.06		0.07
Total Uranium	µg/L	100	150	300	0.24		0.35	0.23		0.30
Total Zinc	µg/L	15	210	420	2		7	<1.5		3.3
pH	--	6.5 to	6.0 – 9.0	6.0 – 9.0	7.22		7.43	7.10		7.40
Total Suspended Solids	mg/L	7.5	15	30	2	2	<1.5	<1.3		

Denotes: "<" denotes some or all results were below the minimum detection limit