

2020 NOVEMBER 04

4501-CNNO-20-0033-L
SM-2020-061

Table 1 – Acute Toxicity Results (2020 July to September)

WNSL-W1-2310.02/2022 Release Limits for Liquid Effluent [3]		Monthly Results from Sample Analysis		
Parameter	Monthly Average Limits	2020 July	2020 August	2020 September
Toxicity Testing	Effluent cannot be toxic	PASS	PASS	PASS

Table 2 - Effluent Results (2020 July to September)

Parameter	Units	Action Levels	Release Limit (weekly composite)	Release Limit (monthly mean)	Maximum Weekly Results			Monthly Average		
					July	August	September	July	August	September
Radium-226	Bq/L	0.05	0.74	0.37	0.01	0.007	0.02	0.008	0.006	0.008
pH	--	6.5 to 8.5	6.0 – 9.0	6.0 – 9.0	7.83	7.69	7.66	7.73	7.57	7.32
Total Suspended Solids	mg/L	7.5	30	15	7.5	1	1	1	1	1
Total Aluminum	µg/L	100	220	110	2.0	2.0	8.0	1.0	1.0	1.0
Total Arsenic	µg/L	41	300	150	9.2	3.3	1.6	6.8	1.7	1.1
Total Copper	µg/L	5	30	15	1.6	3.2	3.4	1.1	1.9	1.4
Total Lead	µg/L	5	46	23	0.27	0.53	0.49	0.23	0.41	0.41
Total Uranium	µg/L	100	300	150	3.9	3.1	2.2	2.1	2.5	1.2
Total Zinc	µg/L	15	420	210	3.0	6.0	5.0	2.0	2.5	2.0