



Table 1: Toxicity Results (2019 April to June)

WNSL-W1-2311.02/2021 Phase 1 Release Limits for Liquid Effluent		Monthly Results from Sample Analysis		
Parameter	Monthly Average Limits	2019 April	2019 May	2019 June
Toxicity Testing	Effluent cannot be toxic	PASS	PASS	PASS

Table 2: Effluent Results (2019 April to June)

Parameter	Units	Action Levels	Release Limit (monthly mean)	Release Limit (weekly composite)	Maximum Weekly Results			Monthly Average		
					April	May	June	April	May	June
Radium-226	Bq/L	0.05	0.37	0.74	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Total Arsenic (As)	µg/L	50	100	200	4.4	4.7	6.0	2.6	2.9	5.1
Total Cadmium (Cd)	µg/L	1	1	2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Cobalt (Co)	µg/L	5	5	10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Total Copper (Cu)	µg/L	5	5	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total Molybdenum (Mo)	µg/L	50	-	-	1.3	1.8	2.8	1.09	1.2	2.2
Total Phosphorus (P)	mg/L	0.35	0.35	0.7	0.026	0.055	<0.020	0.022	<0.029	<0.020
Total Selenium (Se)	µg/L	20	30	60	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Total Thallium (Tl)	µg/L	0.5	8	16	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Uranium (U)	µg/L	100	100	200	6.1	3.6	5.9	2.6	2.2	4.4
Total Vanadium (V)	µg/L	5	40	80	0.71	<0.50	0.57	0.54	<0.50	<0.52
Total Ammonia-N	mg/L	5.75	5.75	11.5	0.29	0.07	0.04	0.17	0.03	0.018
Nitrite (NO ₂)	mg/L	1.5	1.5	3	0.033	0.042	0.142	0.025	<0.018	0.056
Nitrate (NO ₃)	mg/L	75	75	150	0.37	0.92	1.29	0.30	0.58	1.09
pH	pH	6.5-8.5	6-9.5	<6 or >9.5	7.57	7.94	7.92	7.46	7.73	7.81
Total Suspended Solids	mg/L	15	15	30	<1	<1	<1	<1	<1	<1

Notes: "<" denotes results were below minimum detection limit