



Table 1: Toxicity Results (2019 October to December)

WNSL-W1-2311.02/2021 Phase 1 Release Limits for Liquid Effluent		Monthly Results from Sample Analysis		
Parameter	Monthly Average Limits	2019 October	2019 November	2019 December
Toxicity Testing	Effluent cannot be toxic	PASS	No Sample	PASS

Table 2: Effluent Results (2019 October to December)

Parameter	Units	Action Levels	Release Limit (monthly mean)	Release Limit (weekly composite)	Maximum Weekly Results			Monthly Average		
					Oct	Nov	Dec	Oct	Nov	Dec
Radium-226	Bq/L	0.05	0.37	0.74	<0.0050	<0.0050	0.01	<0.0050	<0.0050	<0.0063
Total Arsenic (As)	µg/L	50	100	200	20	1.9	2.67	9.88	1.65	2.07
Total Cadmium (Cd)	µg/L	1	1	2	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Cobalt (Co)	µg/L	5	5	10	0.74	<0.50	<0.50	<0.55	<0.50	<0.50
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	-	-	12	0.77	1.32	5.14	0.76	0.94
Total Phosphorus (P)	mg/L	0.35	0.35	0.7	<0.020	<0.020	<0.030	<0.020	<0.020	<0.030
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	18	1.2	3.53	8.38	0.99	2.53
Total Vanadium (V)	µg/L	5	40	80	0.79	<0.50	<0.50	<0.56	<0.50	<0.50
Total Ammonia-N	mg/L	5.75	5.75	11.5	0.17	0.09	0.55	0.09	0.065	0.22
Nitrite (NO2)	mg/L	1.5	1.5	3	0.246	0.057	0.203	0.206	0.049	0.140
Nitrate (NO3)	mg/L	75	75	150	2.61	0.65	0.83	1.97	0.58	0.57
pH	pH	6.5-8.5	6-9.5	<6 or >9.5	7.92	7.58	7.91	7.74	7.56	7.66
Total Suspended Solids	mg/L	15	15	30	<1	<1	<1	<1	<1	<1

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