



Table 1 - Toxicity Results (2018 October to December)

WNSL-W1-2311.01/2021 Appendix B.1 Phase 1 Release Limits for Liquid Effluent		Monthly Results from Sample Analysis		
Parameter	Monthly Average Limits	2018 October	2018 November	2018 December
Toxicity Testing	Effluent cannot be toxic	PASS	PASS	PASS

Table 2 - Effluent Results (2018 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	<0.005	<0.005	<0.005	<0.005	<0.005
Total Arsenic (As)	µg/L	50	100	200	15	11	7.1	9.9	6.9	5.8
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	<1	<1	<1	<1	<1
Total Molybdenum (Mo)	µg/L	50	-	-	7	4.9	3	4.44	2.93	2.33
Total Phosphorus (P)	mg/L	0.35	0.35	0.7	0.022	0.028	<0.02	0.021	<0.022	<0.02
Total Selenium (Se)	µg/L	20	30	60	<2	<2	<2	<2	<2	<2
Total Thallium (Tl)	µg/L	0.5	8	16	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Total Uranium (U)	µg/L	100	100	200	11	7.3	6.4	6.6	4.98	5.13
Total Vanadium (V)	µg/L	5	40	80	0.75	<0.5	0.51	0.57	<0.5	<0.51
Total Ammonia-N	mg/L	5.75	5.75	11.5	0.08	0.08	0.21	0.04	0.058	0.15
Nitrite (NO ₂)	mg/L	1.5	1.5	3	0.34	0.34	<0.01	0.24	0.15	<0.01
Nitrate (NO ₃)	mg/L	75	75	150	2.4	1.9	1.12	1.72	1.15	0.89
pH	pH	6.5-8.5	6-9.5	<6 or >9.5	7.84	7.73	7.83	7.71	7.51	7.59
Total Suspended Solids	mg/L	15	15	30	1	<1	<1	<1	<1	<1

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