

**Table 1– 2018 April to June Toxicity Results**

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 April	2018 May	2018 June
Toxicity Testing	Effluent cannot be toxic	PASS	PASS	PASS

**Table 2– 2018 April to June Effluent Results**

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	7.10	3.80	10.0	4.33	2.62	5.9
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	<0.50	<0.50	<0.50	<0.50	<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	-	-	3.20	1.40	3.40	1.79	0.86	2.7
Total Phosphorus (P)	mg/L	0.35	0.35	0.7	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.022
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	<0.054
Total Uranium (U)	µg/L	100	100	200	7.50	1.60	5.50	3.45	1.15	6.6
Total Vanadium (V)	µg/L	5	40	80	<0.50	<0.50	0.66	<0.50	<0.50	<0.50
Total Ammonia-N	mg/L	5.75	5.75	11.5	0.08	0.08	0.07	0.07	0.06	0.13
Nitrite (NO2)	mg/L	1.5	1.5	3	0.4	0.25	0.01	0.25	0.12	0.269
Nitrate (NO3)	mg/L	75	75	150	1.49	1.12	2.73	0.90	0.63	1.39
pH	pH	6.5-8.5	6-9.5	<6 or >9.5	7.15	6.63	7.83	7.01	6.91	7.25
Total Suspended Solids	mg/L	15	15	30	<1	4.00	<1	<1	1.40	<1

Notes:

"<" denotes results were below minimum detection limit