

2022 July 19

**Table 1 – Toxicity Results (2022 April to June)**

WNSL-W1-2310.02/2022 Phase 1 Release Limits for Liquid Effluent		Monthly Results from Sample Analysis		
Parameter	Monthly Average Limits	April	May	June
Toxicity Testing	Effluent cannot be toxic	PASS	PASS	PASS

**Table 2 – Effluent Results (2022 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	0.005	0.005	0.005	0.005	0.005	0.005
Total Aluminum	µg/L	100	110	220	5	10	2	2.3	3.2	1.5
Total Arsenic	µg/L	41	150	300	23.9	35.7	<b>41.5</b>	15.9	25.4	32.9
Total Copper	µg/L	5	15	30	1.9	<b>52.1</b>	0.9	1.5	11.6	0.6
Total Lead	µg/L	5	23	46	1.04	0.99	0.16	0.80	0.59	0.09
Total Uranium	µg/L	100	150	300	5.88	4.88	0.81	4.11	2.92	0.63
Total Zinc	µg/L	15	210	420	1	<b>42</b>	2	1.0	10.0	1.3
pH	--	6.5 to 8.5	6.0 – 9.0	6.0 – 9.0	7.84	7.84	7.68	7.81	7.73	7.57
Total Suspended	mg/L	7.5	15	30	1	1	1	1	1	1

On 2022 May 31, there was a reported exceedance for copper (52.1 ppb) of the weekly composite release limit (30 ppb) for the period 2022 May 25-31. During the same period, there was a reported action level (15 ppb) exceedance for zinc (42 ppb).  
On 2022 June 7, there was a reported action level (41 ppb) exceedance for arsenic (41.5 ppb).