

**Table 1**

WNSL-W1-2311.01/2022 Appendix B Phase 1 Release Limits for Liquid Effluent		Monthly Mean Concentration Results from Sample Analysis		
Parameter	Maximum Monthly Mean Concentration	2016 January <sup>1</sup>	2016 February <sup>2</sup>	2016 March <sup>3</sup>
Radium-226 (Bq/L)	0.37	0.007	0.014	0.031
Arsenic (mg/L)	0.50	0.0031	0.0021	0.0027
pH	Between 6 and 9	7.41	7.19	7.47
Toxicity Testing	Effluent cannot be toxic	PASS	PASS	PASS

1 – Based on analyses of three samples

2 – Based on analyses of four samples

3 – Based on analyses of five samples

Toxicity testing results based on one monthly sample

**Table 2 – Early Works 3 Excavation Activities Sampling Results**

WNSL-W1-2311.01/2022 Appendix B Phase 1 Release Limits for Liquid Effluent		Weekly Concentration Results from Sample Analysis											
Parameter	Maximum Monthly Mean Concentration	2016 Jan13	2016 Jan 20	2016 Jan 27	2016 Feb 03	2016 Feb 11	2016 Feb 17	2016 Feb 24	2016 Mar 02	2016 Mar 09	2016 Mar 15	2016 Mar 23	2016 Mar 30
Uranium (mg/L)	N/A <sup>1</sup>	0.190	0.160	0.150	0.180	0.160	0.170	0.190	0.140	0.140	0.150	0.130	0.170
Radium-226 (Bq/L)	0.37	0.006	0.007	<0.005	<0.005	0.007	0.018	0.018	0.048	0.047	0.016	0.026	0.018
Arsenic (mg/L)	0.50	0.0044	0.0029	0.0021	0.0021	0.0024	0.0019	0.002	0.0042	0.002	0.0019	0.0025	0.0028
pH	Between 6 and 9	7.73	7.37	7.14	7.01	7.11	7.17	7.46	7.31	7.08	7.27	7.57	8.1
Toxicity Testing <sup>2</sup>	Effluent cannot be toxic	PASS	N/A	PASS	N/A	N/A	PASS	PASS	N/A	PASS	N/A	PASS	N/A

<sup>1</sup>- There is currently no effluent release limit for Uranium.

<sup>2</sup>- Toxicity sampling is completed bi-weekly.

<sup>3</sup>-The water treatment system at the Welcome WMF was shut off after 2015 December 23 sampling due to low east collection pond water levels. The water treatment system was re-activated on 2016 January 7, As a result there was no discharge to lake during this time period and therefore there was no samples collected the week of 2016 January 04.