

2015 Tailings Containment Area Water Quality Results Comparison			
Regulated Parameter	Licence Discharge limit	Sample Results (L1640850-1 LUP-10-150709)	Sample Results (L1642567-3 LUP-10-150714)
Total Arsenic	0.5 mg/L	0.0327 mg/L	0.0117 mg/L
Total Copper	0.15 mg/L	0.0120 mg/L	0.0105 mg/L
Total Cyanide	0.8 mg/L	<0.0050 mg/L	<0.0050 mg/L
Total Lead	0.1 mg/L	0.000796 mg/L	0.000142 mg/L
Total Nickel	0.2 mg/L	0.0751 mg/L	0.0773 mg/L
Total Zinc	0.4 mg/L	0.238 mg/L	0.254 mg/L
TSS	15 mg/L	152 mg/L¹	<3.0 mg/L
BOD5	30 mg/L	2 mg/L	n/a ²
Oil and Grease	No visible sheen	No visible sheen	No visible sheen
pH	6.0 - 9.5	5.1³	5.02³

Notes:

- 1: sampled during a wind event. July 14 follow up sampling confirm TSS is not a persistent issue.
- 2: BOD5 was not sampled in follow up due to low initial result consistent with previous TCA results.
- 3: pH results are prior to treatment as per standard pre discharge protocol.