

EPL 10265 Surface Water	Units	Point 6 - RW monitoring D/S of discharge point (Caledonia Creek)					
		100th percentile Concentration Limit	Date				
			22/01/2025	23/04/2025	22/07/2025	28/10/2025	22/01/2026
Fluoride	mg/L	2	0.34	0.15	0.24	0.27	0.55
pH**	No unit	6.5-8.5	7.3	7.0	7.5	7.5	7.1
Conductivity @ 25C ⁰	µS/cm	800	510	560	410	470	570
Total Suspended Solids	mg/L	50	7	9	19	<5	29
Biochemical Oxygen Demand (BOD ₅)	mg/L	30	<5	<5	<5	<5	<5
Total Cyanide	mg/L	0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Oil and Grease	mg/L	10	<5	<5	<5	<5	<5
Total Aluminium	µg/L	5000	<5	16	18	82	230
Total Arsenic	µg/L	500	2	2	<1	2	<1
Total Cadmium	µg/L	10	<0.1	<0.1	<0.1	<0.1	<0.1
Total Chromium	µg/L	1000	<1	<1	<1	<1	<1
Total Cobalt	µg/L	1000	<1	<1	<1	<1	<1
Total Copper	µg/L	400	<1	<1	3	2	<1
Total Lead	µg/L	100	<1	<1	<1	<1	<1
Total Molybdenum	µg/L	150	2	2	2	3	<1
Total Nickel	µg/L	1000	<1	<1	<1	1	<1
Total Selenium	µg/L	20	<1	<1	<1	<1	<1
Total Zinc	µg/L	20000	<5	<5	<5	<5	6
Total Mercury	mg/L	0.002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Sulfate SO ₄	mg/L	---	8.6	45	55	21	8.3
Chemical Oxygen Demand	mg/L	---	29	21	29	33	15
Anionic Surfactants as MBAS	mg/L	---	<0.1	<0.1	<0.1	0.1	<0.1
Total Manganese	µg/L	1200	180	490	18	110	170