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EPL 10265
DAM DISCHARGE SAMPLING

Sample Date Spillway Discharge / Analyte Name	Units	EPL LIMIT	10/12/2024	5/8/2025	12/8/2025	19/8/2025	26/8/2025	2/9/2025	9/9/2025	23/9/2025	30/9/2025
Total Aluminium	µg/L	5000	370	160	98	63	65	75	32	41	60
Total Arsenic	µg/L	500	<1	<1	<1	<1	<1	<1	<1	<1	<1
Biochemical Oxygen Demand (BOD_5)	mg/L	30	<5	<5	<5	<5	<5	<5	<5	<5	<5
Total Cadmium	µg/L	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Chromium	µg/L	1000	<1	<1	<1	<1	<1	<1	<1	<1	<1
Total Cobalt	µg/L	1000	<2	<1	<1	<1	<1	<1	<1	<1	<1
Conductivity @ $25C^0$	µS/cm	800	330	370	360	360	380	370	360	340	360
Total Copper	µg/L	400	2	2	2	1	2	2	2	1	1
Total Cyanide	mg/L	20	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Fluoride	mg/L	2	0.34	<1	0.14	<0.1	0.12	0.28	0.14	0.26	0.23
Total Lead	µg/L	100	<1	<1	<1	<1	<1	<1	<1	<1	<1
Total Mercury	mg/L	0.002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chemical Oxygen Demand	mg/L	---	56	28	24	28	26	26	25	24	24
Manganese	µg/L	---	39	9	10	11	8	7	4	6	5
Anionic Surfactants as MBAS	mg/L	---	0.1	0.2	0.2	0.2	0.2	0.1	0.2	0.2	<0.1
Total Molybdenum	µg/L	150	<1	<1	1	<1	<1	<1	<1	<1	<1
Total Nickel	µg/L	1000	1	<1	<1	<1	<1	<1	<1	<1	<1
Oil and Grease	mg/L	10	<5	<5	<5	<5	<5	<5	<5	<5	<5
pH**	pH	6.5-8.5	7.4	6.9	7.6	7.5	7.5	7.2	7.7	6.5	7.6
Total Selenium	µg/L	20	<1	<1	<1	<1	<1	<1	<1	2	<1
Sulfate (SO_4)	mg/L	---	46	79	84	86	89	84	79	69	74
Total Suspended Solids	mg/L	50	8	<5	<5	<5	<5	<5	<5	<5	<5
Total Zinc	µg/L	20,000	<5	<5	<5	<5	<5	<5	<5	<5	<5