

RIC WTP Monthly Results



Compound	LOR	Limit	Prefix	Unit	May-26
Surface Water Sampling Requirements					ES2614306
General Parameters					
pH	0.01	6.5 - 8.5		pH Units	8.30
Electrical Conductivity	0.1		EC	mS/cm	6.46
Temperature	0.1			°C	17.99
Dissolved Oxygen	0.01		DO	mg/L	6.58
Oxygen Reduction Potential	1		Redox	mV	421
Total Suspended Solids	5	50	TSS	mg/L	5
Total Dissolved Solids	0.1		TDS	mg/L	4200
Turbidity	1			NTU	0.1
Odour and colour (observed)	Yes or No	No	O/C	n/a	No
Dissolved Metals					
Hexavalent Chromium (low level)	0.001	0.0044	Cr(VI)	mg/L	0.004
Trivalent Chromium	0.001	0.0274	Cr(III)	mg/L	0.01
Cadmium	0.001	0.0007	Cd	mg/L	0.0001
Copper	0.001	0.0013	Cu	mg/L	0.001
Lead	0.001	0.0044	Pb	mg/L	0.001
Manganese	0.001	1.9	Mn	mg/L	0.001
Nickel	0.005	0.07	Ni	mg/L	0.001
Zinc	0.005	0.015	Zn	mg/L	0.005
Iron	0.05	0.3	Fe	mg/L	0.05
Mercury	0.00004	0.0001	Hg	mg/L	0.00004
Nutrients Tested					
Ammonia as N					0.06
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Nitrite as N					0.01
Nitrate as N					1.39
Nitrite + Nitrate as N					1.39
Total Kjeldajl Nitrogen as N					0.2
Total Nitrogen as N					1.6
Total Phosphorous as P					0.01
Reactive Phosphorous as P					0.01