

RIC WTP Monthly Results



Compound	LOR	Limit	Prefix	Unit	Jun-26
Surface Water Sampling Requirements					ES2617713
General Parameters					
pH	0.01	6.5 - 8.5		pH Units	8.13
Electrical Conductivity	0.1		EC	mS/cm	6.67
Temperature	0.1			°C	16.7
Dissolved Oxygen	0.01		DO	mg/L	6.53
Oxygen Reduction Potential	1		Redox	mV	453
Total Suspended Solids	5	50	TSS	mg/L	5
Total Dissolved Solids	0.1		TDS	mg/L	4300
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	0.003
Trivalent Chromium	0.001	0.0274	Cr(III)	mg/L	0.001
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	0.094
Nickel	0.005	0.07	Ni	mg/L	0.002
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					Yes
Ammonia as N					0.31
Ammonium as N					0.30
Nitrite as N					0.04
Nitrate as N					1.4
Nitrite + Nitrate as N					1.44
Total Kjeldajl Nitrogen as N					0.6
Total Nitrogen as N					2.0
Total Phosphorous as P					0.01
Reactive Phosphorous as P					0.01