

Water Quality of Kelani River

Month :

Year :

Sampling Location	Analytical Results										Suitability	
	pH	EC (mS/cm)	TURB NTU	TEMP °C	DO mg/l	COD mg/l	BOD ₅ mg/l	Cl ⁻ mg/l	NO ₃ ⁻ as N mg/l	PO ₄ ⁻³ as P mg/l	Drinking	bathing
Thalduwa Bridge	7.3	0.02	10	26.9	7.6	3	1	2	0.15	0.03	*	*
Seethawaka Ferry	7.2	0.40	10	27.1	4.5	9	4	23	0.57	0.15		
Pugoda Ferry	7.3	0.04	10	28.3	7.1	3	1	6	0.13	0.04		
Hanwella Bridge	7.1	0.03	10	26.5	6.5	9	<1	4	0.07	0.02		
Weliwita Bridge	7.4	0.06	10	26.2	7.6	12	1	10	0.29	0.04		
Kaduwela Bridge	7.1	0.03	10	26.6	6.7	11	<1	10	0.02	0.03		
Japanese Friendship Bridge	7.2	1.34	10	27.2	6.6	8	<1	465	0.17	0.03		
Category 2	6.0-8.5	-	5	-	6.0	15	3	-	5			
Category 3	6.0-9.0	-	-	-	5.0	20	4	-	5			

* **Suitable**

* **Not suitable**

Water Quality of tributaries of Kelani River

Month :

Year :

	Analytical Results										Suitability	
	pH	EC (mS/cm)	TURB NTU	TEMP °C	DO mg/l	COD mg/l	BOD ₅ mg/l	Cl ⁻ mg/l	NO ₃ ⁻ as N mg/l	PO ₄ ⁻³ as P mg/l	Drinking	bathing
Pugoda Ela	7.3	0.02	10	26.9	7.6	3	1	2	0.15	0.03	*	*
Wak Oya	7.2	0.40	10	27.1	4.5	9	4	23	0.57	0.15		
Pusseli Oya	7.3	0.04	10	28.3	7.1	3	1	6	0.13	0.04		
Maha Ela	7.1	0.03	10	26.5	6.5	9	<1	4	0.07	0.02		
Raggahawatte Canal	7.4	0.06	10	26.2	7.6	12	1	10	0.29	0.04		
Category 2	6.0-8.5	-	5	-	6.0	15	3	-	5			
Category 3	6.0-9.0	-	-	-	5.0	20	4	-	5			

* **Suitable**

* **Not suitable**

Our Services

Our analytical services is extended beyond the needs of the institution itself to cater for public needs. We undertake request of clients for analysis of samples on commercial basis. The analytical parameters include both chemical and microbiological ones. We accept industrial effluent and well water samples for analysis.

Testing Charges

Parameter	Testing Fee Rs
Collection fo composite sample	
Collection of composite sample for one hour (up to six hours)1-6 hours with Flow rate	600/hour
Collection of composite sample per hour (less than 6 hours)	800 /hour
Temperature/pH/Electrical Conductivity/Salinity/Turbidity	400
Total Solids	600
Total Suspended Solids	400
Total Dissolved Solids By Meter	400
Total Dissolved Solids	400
Calcium	400
Magnesium	400
Dissolved Oxygen	250
Sulphide	450
Sulphate Gravimetric method	450
Residual Chloride	300
Dissolved Oxygen	250
COD (Open Reflux and Titrametric method)	700
BOD Manometric	550
Winkler	700
Oil & Grease	1000
Ammonia	500
Nitrate Colouirmetric method	500
Nitrite Colorimetric method)	350
Total Nitrogen	500
Phosphate (colorimetic method)	500
Chloride Titrametric method	350
Bicarbonate	250
Total Hardness Titrametric method	300
Magnesium Titrametric Method)	250
Calcium (Titrametric method)	250
Total Coliform	500
Feacal Coliform	500
Heavy Metal / Other Metal Analysis	
Taxes and other charges	
Overhead (15% of the Total testing fee)	
Transport Cost	
VAT (15% of total cost)	

