U.S. PAKISTAN CENTER FOR ADVANCED STUDIES IN WATER

Mehran University of Engineering & Technology, Jamshoro

Advanced Water and Wastewater Quality Control Laboratory USPCAS-W MUET Jamshoro Analysis
Rate List of Water Quality Parameters Including (NEQS/SEQS)

Drinking and Water Waste Quality Parameters		
S. No.	**Parameter**	**Rates Per Test/Sample**
1.	pH	300
2.	Taste	300
3.	Odour	300
4.	DO	300
5.	Turbidity	300
6.	Total Hardness as $CaCO_3$	1000
7.	Total alkalinity	500
8.	Carbonate	500
9.	Bicarbonate	500
10.	TDS	300
11.	Electrical Conductivity (EC)	300
12.	TSS	1000
13.	Color	300
14.	Temperature	300
15.	Arsenic	2000
16.	Barium	2000
17.	Boron	2000
18.	Cadmium	2000
19.	Chloride	1000
20.	Chromium	2000
21.	Copper	2000
22.	Fluoride	1000
23.	Lead	2000
24.	Manganese	2000
25.	Mercury	2000
26.	Nickle	2000
27.	Nitrate	1000
28.	Nitrite	1000
29.	Selenium	2000
30.	Residual Chlorine	1000
31.	Zinc	2000
32.	Pesticides (Phosphorous and Chlorine) (including sample preparation)	10000+6000=16000
33.	Phenolic compounds as Phenols (including sample preparation)	2000+5000=7000
34.	Polynuclear aromatic hydrocarbons (PAH) (Fatty chain) (including sample preparation)	10000+6000=16000
35.	Total Coliform	2000

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36.	Fecal Coliform	2000
37.	E-Coli	2000
38.	Sodium	2000
39.	Potassium	2000
40.	Magnesium	2000
41.	Calcium	2000
42.	Silver	2000
43.	Total Organic Carbon (TOC)In-Organic and Organic	2000
44.	Total Nitrogen	2000
45.	Ammonia (NH3)	1000
46.	Nitrate	1000
47.	Phosphate	1000
48.	Sulfate	1000

i. Excluding sampling cost for Water & Wastewater Quality Parameters.
ii. Sampling cost, 500 Rs./Sample
iii. Travelling cost as per actual
iv. Time duration for analysis: Depend upon the number of samples & parameters

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S. No.	Parameter	Rates Per Test/Sample
	Ambient Air Quality	
1.	Carbon Monoxide (CO)	2000
2.	Nitric Oxide (NO)	2000
	Priority Pollutants in Indoor Air Quality Monitoring	
3.	Carbon Monoxide (CO)	2000
4.	Nitrogen Dioxide (NO_2)	2000
5.	Sulphur Dioxide (SO_2)	2000
6.	Noise level from 8 locations	2000

Air & Noise Parameters:

i. @ 2000 Rs./ Service charges for Air & Noise on-site sampling
ii. Travelling Cost as per actual

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