

Annexure - X

**Sampling and Analysis Charges of the Laboratories of
the West Bengal Pollution Control Board**

Item	Charge
Sampling Charge (including personnel and cost of hired car)	Rs. 500
Cost of determination of five basic parameters (pH, TSS, COD, BOD and O&G)	Rs. 400
Rate for routine industrial waste-water monitoring	Rs. 900
Rate for additional parameters for industrial waste-water monitoring	Rs. 100

Item	Charge
Processing charge for samples deposited for analysis by outside agencies.	Rs. 100

Item	Charge
pH	Rs. 50
Temperature	Rs. 20
Conductivity	Rs. 50
DO	Rs. 50
BOD	Rs. 250
Oil & Grease	Rs. 200
Nitrate-Nitrogen	Rs. 100
Nitrite Nitrogen	Rs. 100
Anionic detergent	Rs. 150
Fecal Coliform (Fermentation Tube method)	Rs. 200
Total Coliform (Fermentation Tube method)	Rs. 200
Turbidity	Rs. 50
Phenolphthalein Alkalinity	Rs. 100
Total Alkalinity	Rs. 100
Chloride	Rs. 100
Free Chlorine	Rs. 100
COD	Rs. 200
Total Kjeldal Nitrogen	Rs. 300
Ammoniacal Nitrogen	Rs. 300
Hardness as CaCO ₃	Rs. 100
Calcium as CaCO ₃	Rs. 100
Sulphate	Rs. 100
Sulphide	Rs. 100
Sodium	Rs. 200
Total Dissolved Solid	Rs. 200
Total Fixed Solids	Rs. 200
Total Suspended Solids	Rs. 200

Item	Charge
Phosphate	Rs. 100
Boron	Rs. 150
Magnesium	Rs. 150
Potassium	Rs. 150
Fluoride	Rs. 150
Field Observation (Physical observation only)	Rs. 200
Biomonitoring	Rs. 400
Arsenic	Rs. 200
Cadmium	Rs. 150
Copper	Rs. 150
Lead	Rs. 150
Total Chromium	Rs. 150
Nickel	Rs. 150
Zinc	Rs. 150
Mercury	Rs. 200
Iron (Total)	Rs. 150
Any other metal involving AAS	Rs. 150
Hexavalent Chromium	Rs. 100
Phenol	Rs. 300
Cyanide	Rs. 150
Any other sample not involving sophisticated instrument	Rs. 150
Pesticides	
BHC (Total)	Rs. 500
DDT (Total)	Rs. 500
Endosulphan	Rs. 500
Dieldrin	Rs. 500
Aldrin	Rs. 500
Carbamat	Rs. 500
2,4 – D	Rs. 500
Any other pesticide component	Rs. 500
Bacteriological Parameters for Drinking Water	
Total Coliform (MF Method)	Rs. 500
Faecal Coloform	Rs. 500
Faecal Streptococci	Rs. 750
Faecal Staphilococci	Rs. 750
Identification of present bacteial species (relevant to drinking water contamination)	Rs. 750

Item	Charge
Parameters involving the following instruments (Rate is for a single sample)	
The analysis will be performed for only the standards available with the laboratory. Standards will not be purchased and preserved at the laboratory until & unless requirement for the analyte is high enough as standards are very expensive chemicals and are very difficult to preserve for long time. One has to inquire about the availability of standards at the time of one's requirement.	
Gas Chromatograph (Charge includes analysis of maximum 3 samples)	Rs. 1500
Ion Chromatograph (Charge includes analysis of maximum 3 samples for the supplied standards)	Rs. 600
High Performance Liquid Chromatograph (Charge includes analysis of maximum 3 samples for the supplied standards)	Rs. 1500
Anodic Stripping Voltameter (Charge includes analysis of maximum 5 samples for the supplied standards)	Rs. 600
Florimeter (Charge includes analysis of maximum 10 no. of samples for the supplied standards)	Rs. 500
Total Organic Carbon Analyzer (Charge includes analysis of maximum 8 no. of samples)	Rs. 1000
Microscope (Charge includes working with the microscope for a whole day from 1030 hrs to 1700 hrs.)	Rs. 300

Sampling and analysis charges for stack monitoring [Rates for Recognised Laboratories of WBPCB]

Item	Charge
<ul style="list-style-type: none"> • Composition of flue gas by Orsat viz. CO₂, O₂, CO and by difference N₂. Determination of dry molar weight of the flue gas. • Determination of Suspended Particulate Matter (SPM) • Measurement of moisture in the flue gas. Determination of wet molar weight of flue gas. • Determination of traverse points in the stack • Measurement of dynamic pressure, static pressure, gas pressure and temperature of the flue gas at different traverse points. • Determination of velocity at each traverse point, average velocity, stack gas volumetric flow rate, selection of nozzle, determination of sampling rate at measured vacuum pressure and temperature at the dry gas meter. • Collection of sample of particulate matter at iso-kinetic condition. • Total volume of dry gas flow during sampling from the dry gas meter. • Calculation of the dry gas volume making pressure and temperature correction at 760mm of Hg and 25°C. 	Rs. 2,500
Rate for additional parameters for industrial waste-water monitoring	Rs. 375
Ambient air quality □ measurement of Total Particulate Matter, Respirable Particulate Matter, SO ₂ , NO ₂ , CO.	Rs 1250
Ambient noise level at each point	Rs. 250
Meteorological parameters viz. wind speed, wind direction at an altitude of 10 meters, relative humidity, ambient temperature, solar radiation etc.	Rs. 1250

For the districts other than those located in CMA, the Recognized Laboratories shall be paid an additional amount towards transportation cost at the rate stated below:

Howrah, Hooghly, South 24 Pgs, North 24 Pgs, Purba Medinipur, @ Rs. 1000/-

Paschim Medinipur, Nadia, Bardhaman

Purulia, Bankura, Murshidabad

@ Rs. 1500/-

Malda, Uttar Dinajpur, Dakshin Dinajpur

@ Rs. 1750/-

Darjeeling, Jalpaiguri, Coochbihar

@ Rs. 2000/-