

BEFORE THE NATIONAL GREEN TRIBUNAL

PRINCIPAL BENCH, NEW DELHI

ORIGINAL APPLICATION NO. 693/2023

NEWS ITEM TITLED "POLLUTION CONTROL
BOARDS ARE THE WEAK LINK" APPEARING IN
DECCAN HERALD DATED 24.10.2023

REPORT ON AFFIDAVIT FILED BY THE WEST BENGAL
POLLUTION CONTROL BOARD.

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Filed by


Madhumita Bhattacharjee
ADVOCATE

for Respondent

J-1921, LGF, C.R. Park,
New Delhi-110019
Mob: 9811785211

BEFORE THE NATIONAL GREEN TRIBUNAL

PRINCIPAL BENCH, NEW DELHI

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NEWS ITEM TITLED "POLLUTION CONTROL

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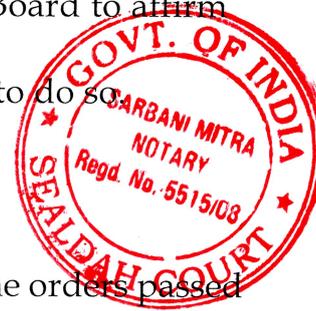
REPORT ON AFFIDAVIT FILED BY THE WEST BENGAL
POLLUTION CONTROL BOARD.

Most Respectfully Sheweth

I, Debashis Sarkar, son of Late Pabitra Kumar Sarkar, aged about 56 years,
by Religion- Hindu, by Occupation- Service, working for gain at West
Bengal Pollution Control Board, having office at 10A, Block- LA, Sector-
III, Bidhannagar, Kolkata - 700 106, do hereby solemnly declare and say
as follows:-

24 MAR 2025

01. That, I am the Chief Engineer, West Bengal Pollution Control Board (hereinafter will be referred to as the 'State Board') and I am well acquainted with the facts and circumstances of the case. I have been duly authorized by the West Bengal Pollution Control Board to affirm this Affidavit on its behalf and as such, I am competent to do so



02. That, this affidavit is being affirmed in pursuant to the orders passed by this Hon'ble Tribunal dated 11.09.2024 and 28.01.2025.

03. That, the Hon'ble National Green Tribunal directed the State Pollution Control Boards (PCB)/PCCs to file affidavits disclosing the progress report on filling up of posts lying vacant in the SPCBs and status of the upgradation of the laboratory infrastructure.

04. That, the status of filing of vacancy posts of the West Bengal Pollution Control Board is given in the format of Central Pollution Control Board and placed as Annexure **R/1** and the Laboratory Report of West Bengal is given in the format of Central Pollution Control Board and placed as Annexure **R/2**.

24 MAR 2025

05. It is therefore respectfully prayed that Hon'ble Tribunal may pass such order/orders as it deems fit and proper in the interest of justice.

Sarbani Soukar

DEPONENT



24 MAR 2025

VERIFICATION



I, Debashis Sarkar, son of Late Pabitra Kumar Sarkar, aged about 56 years, by Religion- Hindu, by Occupation- Service, working for gain at West Bengal Pollution Control Board, having office at 10A, Block- LA, Sector- III, Bidhannagar, Kolkata - 700 106, do hereby solemnly declare and say as follows:-

1. That, I am the Chief Engineer, West Bengal Pollution Control Board and I am well acquainted with the facts and circumstances of the instant Original Application.
2. That, the statements made in paragraph 1 of this affidavit is true to my knowledge and belief.
3. That, the statements made in paragraphs 2 to 4 of this affidavit are my information derived from the records available in the office of the State Board which I verily believe to be true and the rest are my respectful submission before this Hon'ble Tribunal.

Debashis Sarkar

DEPONENT

Identified by me

A N A
Advocate, WBPCB

24 MAR 2025

Solemnly Affirmed &
Declared Before Me
On Identification By.....

SARBANI MITRA
NOTARY
Regd. No.- 5515/08

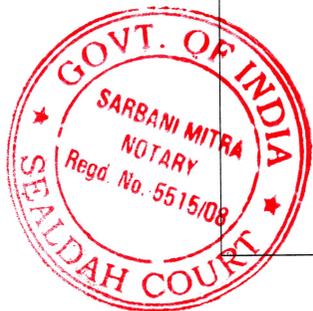
PART A: STATUS OF FILLING OF VACANT POSTS

Name of the Board / Committee: West Bengal Pollution Control Board

Category of post	Status of Sanctioned posts in Number				Details of current vacancies in number	Action Taken (Approval of the Govt., Engagement agency, Advertisement, Exam date etc.)	Will the vacancy be filled by 30.04.2025? (say Yes or No)	If not, the time line and reason for delay may be mentioned.	
	Sanctioned	Vacancy as on 11.09.24	Filled after 11.09.24	Current Vacancy					
a) Scientific	59	24	01	24	a) Direct	20	1) Recruitment process initiated for 9 posts of Junior Scientist, 2 posts of Environmental Analyst and 2 posts of Laboratory Assistant. 2) Recruitment process will be initiated for 7 posts of Laboratory Attendant.	No	10 months (Awaiting for approval from the State Govt. for 13 posts.) ----
					b) Promotion	04	1) Initiated for filling up of 1 post of Senior Scientist. 2) 3 posts of Environmental Analyst will be filled up from feeder post of Laboratory Assistant.	Yes No	02 months 03 years (As per recruitment rules of WBPCB ESR, 2009)
					c) Deputation	---	---	--	-----
b) Engineering	79	11	00	11	a) Direct	06	1) Recruitment process initiated for 4 posts of Assistant Environmental Engineer	No	10 months (Awaiting for approval from the State Govt. for 4 posts)



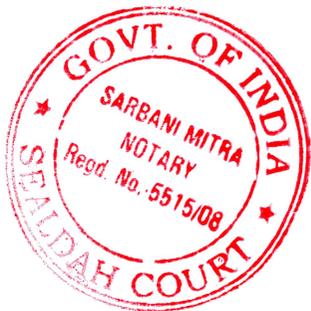
							2) Initiated for surrender of 1 post of Draftsman & 1 post of Tracer		----	
						b) Promotion	05	1) 5 posts of Assistant Environmental Engineer will be filled up from the feeder posts of Junior Environmental Engineer	No	5 years (As per recruitment rules of WBPCB ESR 2009)
						c) Deputation	---	---	---	---
c) Administration	171	95	00	95	a) Direct	77	1) Recruitment process initiated for 1 post of Assistant Law Officer, 1 post of Programmer, 1 post of Computer Operator, 2 posts of Senior Accounts Clerk, 1 post Accounts Clerk, 20 posts of Lower Division Assistant, 2 post of Junior Environmental Assistant, 1 post of Information Officer 2) Initiated for surrender of 5 posts of Driver, 4 posts of Typist, 6 posts of Typist-cum-Clerk, 3 posts of Stenographer 3) Recruitment process will be initiated for 29 posts of Group-D & 1 post of Librarian.	No	10 months (Awaiting for approval from Govt. for 29 posts)	



					b) Promotion	18	<p>1) Initiated for filling up of 1 post of Administrative Officer.</p> <p>2) Initiative will be taken for filling up of 1 post of Finance & Accounts Officer</p> <p>3) 8 posts of Upper Division Assistant & 3 posts of Lower Division Assistant will be filled up from feeder post of Lower Division Assistant & Group-D.</p> <p>3) 1 post of Law Officer & 1 post of System Analyst will be filled up from feeder post of Assistant Law Officer & Programmer.</p> <p>3) Initiated for surrender of 3 posts of Record Supplier</p>	No	<p>10 months</p> <p>10 months</p> <p>10 months (As per Recruitment rules of WBPCB ESR, 2009)</p> <p>----</p> <p>(After recruitment of basic posts i.e. Assistant Law Officer & Programmer, which are under process)</p> <p>-----</p>
					c) Deputation	---	---	---	---

Specific remarks, if any:

San 03/03/2025
Deputy Secretary
West Bengal Pollution Control Board



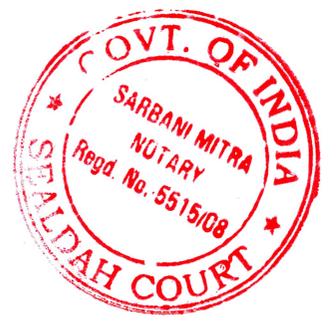
Annexure-1

PART A: STATUS OF FILLING OF VACANT POSTS

Name of the Board / Committee:

Category of post	Status of Sanctioned posts in Number				Details of current vacancies in number	Action Taken (Approval of the Govt. , Engagement agency, Advertisement, Exam date etc.)	Will the vacancy be filled by 30.4.2025?, (say Yes or No)	If not, the time line and reason for delay may be mentioned.
	Sanctioned	Vacancy as on 11.09.'24	Filled after 11.09.'24	Current Vacancy				
a) Scientific					a) Direct			
					b) Promotion			
					c) Deputation			
b) Engineering					a) Direct			
					b) Promotion			
					c) Deputation			
c) Administration					a) Direct			
					b) Promotion			
					c) Deputation			

Specific remarks, if any:



LABORATORY ANALYTICAL FACILITIES

Name of the Board / Committee:

PART I: Facility available for monitoring of environmental parameters:

S. No.	Parameters	Facilities Available (Yes / No)	If facility is not available, Specify Timeline for addition of this parameter. (in months)	Action Taken for addition of this parameter (Specification finalized / procurement initiated / work awarded / outsourced)
A. Sample Matrix / Group of Water and Wastewater				
(a) Physical Tests				
1	Temperature	Yes		
2	Colour	No		
3	pH	Yes		
4	Turbidity	Yes		
5	Conductivity	Yes		
6	Total Solids	Yes		
7	Total Dissolved Solids (TDS)	Yes		
8	Total Suspended Solids (TSS)	Yes		
(b) Inorganic Tests				
(i) General & Non-metallic				
1	Alkalinity	Yes		
2	Chloride	Yes		
3	Cyanide	Yes		
4	Dissolved oxygen	Yes		
5	Nitrite nitrogen	Yes		
6	Nitrate nitrogen	Yes		
7	Ammonical nitrogen	Yes		
8	Fluoride	Yes		
9	Hardness (Total)	Yes		
10	Calcium	Yes		



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 - W.B. Pollution Control Board
 - Central Laboratory
 Paribesh Bhawan
 24, Block-LA, Sector-II
 Far, Kolkata-70

S. No.	Parameters	Facilities Available (Yes / No)	If facility is not available, Specify Timeline for addition of this parameter. (in months)	Action Taken for addition of this parameter (Specification finalized / procurement initiated / work awarded / outsourced)
11	Magnesium	Yes		
12	Phosphate	Yes		
13	Sulphate	Yes		
14	Sulphide	Yes		
15	Total Residual chlorine (TRC)	Yes		
(ii) Trace Metals Tests				
1	Aluminium (Al)	Yes		
2	Arsenic (As) Total	Yes		
3	Barium	Yes		
4	Boron	Yes		
5	Chromium (Cr) Hexavalent	Yes		
6	Chromium (Cr) Total	Yes		
7	Cadmium (Cd)	Yes		
8	Cobalt (Co)	Yes		
9	Copper (Cu)	Yes		
10	Iron (Fe)	Yes		
11	Lead (Pb)	Yes		
12	Manganese (Mn)	Yes		
13	Mercury (Hg)	Yes		
14	Nickel (Ni)	Yes		
15	Potassium (K)	Yes		
16	Sodium (Na)	Yes		
17	Vanadium (V)			
18	Zinc (Zn)	Yes		
19	Selenium (Se)			
(c) Organics (General) and Trace Organics Tests				
1	Biological Oxygen Demand (BOD)	Yes		
2	Chemical oxygen demand (COD)	Yes		
3	Oil & Grease	Yes		
4	Phenolic Compounds as C ₆ H ₅ OH	Yes		



S. No.	Parameters	Facilities Available (Yes / No)	If facility is not available, Specify Timeline for addition of this parameter. (in months)	Action Taken for addition of this parameter (Specification finalized / procurement initiated / work awarded / outsourced)
5	Benzopyrene	Yes		
6	Pesticides			
6.a	Organochlorine Pesticides (OCPs) Tests			
i	Aldrin	Yes		
ii	Alpha Endosulphan	Yes		
iii	p,p-'DDT	Yes		
iv	Alpha-HCH	Yes		
v	Beta HCH	Yes		
vi	Beta Endosulphan	Yes		
vii	Gama-HCH	Yes		
viii	o,p-'DDT	Yes		
ix	p,p-'DDE	Yes		
6.b	Organophosphorus Pesticides (OPPs) Tests			
i	Malathion	Yes		
ii	Methyl parathion	Yes		
iii	Chlorpyriphos	Yes		
iv	Dimethoate			
v	Dieldrin	Yes		
vi	Ethion	Yes		
(d) Microbiological Tests				
1	Total Coliform	Yes		
2	Faecal Coliform	Yes		
3	E .Coli	Yes		
4	Faecal Streptococci	Yes		
(e) Toxicological Tests				
1	Bioassay method for evaluation of toxicity using fish (90% survival of fish after 96 hrs in 100% effluent)	Yes		
B. Sample Matrix / Group of Solid / Solid Waste				
(a) Soil / Sediment / Compost Tests				
	Cation Exchange Capacity (CEC)	Yes		



W.B. Pollution Control Board
 Central Laboratory
 Paribesh Bhawan
 Block-LA, Sector-III,
 Kolkata-700106

S. No.	Parameters	Facilities Available (Yes / No)	If facility is not available, Specify Timeline for addition of this parameter. (in months)	Action Taken for addition of this parameter (Specification finalized / procurement initiated / work awarded / outsourced)
2	Electrical Conductivity (EC)	Yes		
3	Organic carbon (Chemical Method)	Yes		
4	pH	Yes		
5	Soil moisture	Yes		
6	Total nitrogen	Yes		
7	Metals by digestion (As, Cd, Cr, Pb, Ni etc.)	Yes		
(b) Hazardous Waste (Liquid / Slurry / Sludge / Solid / Semi-Solid) Tests				
1	Corrosivity	Yes		
2	Ignitability (Flash Point)	Yes		
3	Loss on Drying at 105°C (% Moisture Content)	Yes		
4	Loss on Drying at 550°C (% Organic Content)	Yes		
5	pH	Yes		
6	Organic carbon/matter (Chemical Method)	Yes		
7	Calorific Value	Yes		
8	Toxicity Characteristics leaching procedure (TCLP) Leachate and Metals in Leachate (As,Cd,Cr, Pb, Ni)	Yes		
C. Sample Matrix / Group of Analytes: Air				
(a) Ambient Air				
1	Nitrogen dioxide as NO ₂	Yes		
2	Sulphur dioxide (SO ₂)	Yes		
3	Particulate matter (PM ₁₀)	Yes		
4	Particulate matter (PM _{2.5})	Yes		
5	Carbon Monoxide			
6	Ozone			
7	Benzene			
8	Ammonia			
9	Metals in Particulate Matter, Pb	Yes		
10	Metals in Particulate Matter, As	Yes		
11	Metals in Particulate Matter, Ni	Yes		
12	Particulate Benzo-a-Pyrene (BaP)	Yes		



Water Pollution Control Board
 Central Laboratory
 Paribesh Bhawan
 10A, Block-LA, Sector-III,
 Salt Lake, Kolkata-700106

S. No.	Parameters	Facilities Available (Yes / No)	If facility is not available, Specify Timeline for addition of this parameter. (in months)	Action Taken for addition of this parameter (Specification finalized / procurement initiated / work awarded / outsourced)
(b) Stack Gas / Stationary Source Emission				
1	Particulate Matter	Yes		
2	Sulphur Dioxide			
3	Carbon Dioxide			
4	Carbon Monoxide (NDIR based Method)			
5	Temperature			
6	Moisture			
7	Oxygen			
8	Oxides of Nitrogen			
9	Halides (HCL/HF)	Yes		
(c) Noise Level				
1	Ambient Noise level measurement (20 to 140 dB)	Yes		
2	Source Noise Level Measurement (Industrial process, DG set- 20 to 140dB)	Yes		
(d) Meteorological Monitoring				
1	Ambient Temperature			
2	Wind direction			
3	Wind speed			
4	Relative Humidity			
5	Mixing Height			



PART II: Details of Laboratory Infrastructure (Instruments and Equipment)

S. No.	Name of Instrument / Equipments	Available Yes / No	If the Instrument / Equipment is not available, Specify Timeline for procurement of this instrument (in months)	Action Taken for procurement of this Instrument / Equipment (Specification finalized / procurement initiated / work awarded / outsourced)
A. List of Instruments / Equipment for Sampling of Water, Wastewater and Soil / Hazardous Wastes				
a) Mandatory Requirements				
1.	Portable / Pen type pH meter / pH strip	Yes (Strip)		
2.	Portable Dissolved Oxygen Meter / Field Fixing using chemicals	Field Fixing		
3.	Electrical Conductivity meter pen type			
4.	Flow meter / Physical flow measuring	Physical flow measuring		
5.	GPS / Mobile with GPS app	Yes		
6.	Ice Box (2 nos.) (150 litre & 100 litre capacities)	Yes		
7.	Thermometer	Yes		
8.	Stainless steel bucket with nylon rope and mug	Yes		
9.	Ground water level measuring device			
10.	Scoop / shovel	Yes		
11.	Auger / core sampler	Yes		
b) Optional Requirements				
1.	Bottom Sampler / Depth sampler	Yes		
2.	Chloroscope for residual chlorine	Yes		
3.	Vandorn or equivalent water sampler (Automatic sampler when composite sampling to be done)	Yes		
4.	Ekman Dredge	Yes		
B. List of Instruments / Equipment for Sampling of Ambient Air and Source Emission monitoring				
a) Mandatory Requirements				
1	Fine dust samplers PM _{2.5} (*4 Nos)	Yes		
2	Respirable Dust Sampler PM 10 (* 4 Nos)	Yes		



W.B. Pollution Control Board
 Central Laboratory
 Paribesh Bhawan
 Block-LA, Sector-III,
 Dhaka-700106

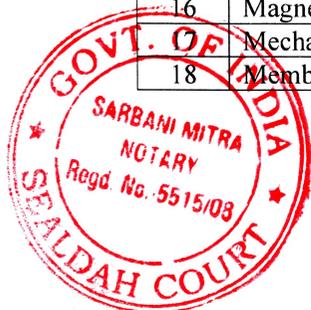
S. No.	Name of Instrument / Equipments	Available Yes / No	If the Instrument / Equipment is not available, Specify Timeline for procurement of this instrument (in months)	Action Taken for procurement of this Instrument / Equipment (Specification finalized / procurement initiated / work awarded / outsourced)
3	High Volume Sampler (SPM) (4 Nos)			
4	Handy Sampler with set of glass impingers (*2 Nos)			
5	Low Volume Sampler (LVS)			
6	Tedler bags different sizes			
7	Meteorological tower (All in one telescopic Mast) with sensors comprising wind speed, wind direction, ambient temp., Relative humidity, Solar radiation, rainfall etc.			
8	Nitrogen Cylinder portable			
9	Activated Charcoal tubes/ Tenex			
10	Barometer (Digital)			
11	Isokinetic Stack Monitoring Kit complete with Stack monitoring instrument panel with inclined cum vertical manometer, Cold Box, Vacuum pump, Glass assembly impingers			
12	Modified S type Stainless steel Pitot tube (Standard length) with Assembly			
13	Monoblock type, rotary design vacuum pump			
14	Orsat Apparatus			
15	Source emission monitoring Impingers train set with spare impingers 100 ml & 225 ml capacity			
16	Stainless steel heated Sampling Probes with thimble holders short and long			
17	Flue Gas analyzer			
18	Thermometer/ Thermocouple			
19	Calibrator for Noise Meters	Yes		
20	Digital Sound level (Noise) Metres	Yes		
21	Portable TOC Analyzer for emission monitoring.			



S. No.	Name of Instrument / Equipments	Available Yes / No	If the Instrument / Equipment is not available, Specify Timeline for procurement of this instrument (in months)	Action Taken for procurement of this Instrument / Equipment (Specification finalized / procurement initiated / work awarded / outsourced)
22	Polyurethane Foam PUF Sampler			
b) Optional Requirements				
1	Anemometer			
2	Weather Monitoring system			
3	Wind speed/wind direction monitor			
4	Continuous Ambient Air Monitoring System, Fixed	Yes		
5	Continuous PM ₁₀ Analyzer	Yes		
6	Continuous Ambient Air Monitoring System, Mobile			
7	Continuous PM _{2.5} analyzer	Yes		
8	Ambient Nitrogen Oxides (NO-NO ₂ -NO _x Analyzer	Yes		
9	Ambient Ozone Analyzer	Yes		
10	Ambient BTEX Analyzer	Yes		
11	Multipoint Gas Calibration system	Yes		
12	Ambient Sulphur Dioxide analyzer	Yes		
13	Ambient Carbon Monoxide & Carbon dioxide analyzer	Yes		
14	Total Hydrocarbon analyzer	Yes		
15	Ambient Ammonia analyzer	Yes		
16	Zero Gas Generator	Yes		
17	Synthetic Air Cylinder	Yes		
18	Calibration Gas Cylinders, SO ₂ , NO, CO, NH ₃ , Benzene and Toluene One each with stainless steel Regulators	Yes		
19	Continuous emission monitoring equipment			
20	19 inch Rack mounting system for air analyzers			
21	Dry Gas Meter			
22	Diesel Exhaust analyzer			
23	Exhaust CO/HC analyzer with Sampling Probe			
24	Automated Noise Monitoring System	Yes		

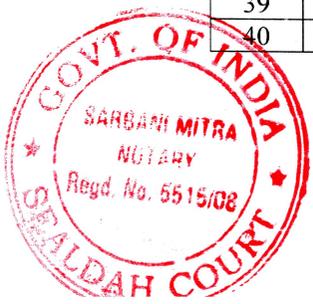


S. No.	Name of Instrument / Equipments	Available Yes / No	If the Instrument / Equipment is not available, Specify Timeline for procurement of this instrument (in months)	Action Taken for procurement of this Instrument / Equipment (Specification finalized / procurement initiated / work awarded / outsourced)
25	Integrating Sound level meter	Yes		
26	Continuous PM ₁₀ & PM _{2.5} Monitoring Analyzer TEOM system	Yes		
27	Top loading orifice kit for calibration of HVS	Yes		
28	Permeation tubes (SO ₂ , NO-NO ₂ -NO _x , NH ₃ , BTX)	Yes		
C. List of Equipment required for processing of Environmental Samples:				
a) Mandatory Requirements				
1	Accelerated Solvent Extraction)ASE (System	Yes		
2	Ammonia distillation assembly/TKN Analyzer			
3	Analytical Balance 4/5 digit & 6 digit (Digital)	Yes		
4	Aquarium for Toxicity bioassay test with complete accessories (*4 Nos)	Yes		
5	Autoclave (*2 Nos)	Yes		
6	Bacteriological Incubators Stainless steel (*2 Nos)	Yes		
7	Bio safety cabinets	Yes		
8	BOD Incubators (2 nos.)	Yes		
9	Centrifuge	Yes		
10	COD Digestion heated Blocks (2) with capacity 16 nos. or more	Yes		
11	Cyanide Distillation Assembly (3)	Yes		
12	Deep Freezer- Capacity 500 litre			
13	Laboratory Ball Mill Grinder			
14	Laboratory Grinder	Yes		
15	Laminar Flow bench for Microbiological analysis	Yes		
16	Magnetic Stirrer with heating system (*2 Nos)	Yes		
	Mechanical Shaker	Yes		
18	Membrane Filtration assembly with vacuum pump (2 nos.)	Yes		



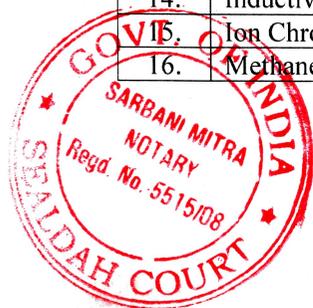
West Bengal Pollution Control Board
 Central Laboratory
 Paribesh Bhawan
 Block-LA, Sector-III,
 Kolkata-700130

S. No.	Name of Instrument / Equipments	Available Yes / No	If the Instrument / Equipment is not available, Specify Timeline for procurement of this instrument (in months)	Action Taken for procurement of this Instrument / Equipment (Specification finalized / procurement initiated / work awarded / outsourced)
19	Microbial culture refrigerator	Yes		
20	Microwave Digester with 16 vessels/ Hot Plate	Yes		
21	Muffle Furnace (*1 Nos), Range 1200 C	Yes		
22	Phenol distillation assembly (3)	Yes		
23	Plate counter, Manual/Automatic	Yes		
24	Digestion Chambers/ Fume hood	Yes		
25	Digital Thermometer & Humidity meter- All lab area	Yes		
26	Dispensers (Various capacities) up to 5, 10, 25 & 50 ml	Yes		
27	Filtration Assembly with vacuum pump	Yes		
28	Fluoride Distillation Assembly (3)	NA		
29	Arsenic / Fluoride Glass Distillation assemblies	NA		
30	Glass Double Distillation Assembly /Water Purification System	Water Purification System		
31	Heating mantles (2 nos.)	Yes		
32	Hot plates (small, Medium and Large) (*2 nos.)	Yes		
33	Thermo Hygrometer	Yes		
34	Imhoff Cone	Yes		
35	Top loading Precision Digital Balance (minimum detection 0.001mg/0.01 mg) with anti-vibration facility- 3 nos. i.e 4/5 Digit (2 nos), - 6 Digit (1 no)	Yes		
36	Refrigerators Big Size 300 litres or more, double door- 2 nos.	Yes		
37	Rotary Evaporator (Buchi type) with water recirculating chiller	Yes		
38	Separating funnel shaker	Yes		
39	Soxhlet Apparatus	Yes		
40	Solid Phase Extraction (SPE) /SPME Extraction system	Yes		



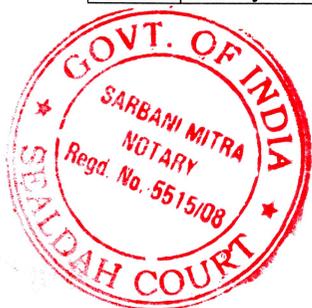
W.B. Pollution Control Board
 Central Laboratory
 Paribesh Bhawan
 10A, Block-LA, Sector-III,
 Kolkata-700104

S. No.	Name of Instrument / Equipments	Available Yes / No	If the Instrument / Equipment is not available, Specify Timeline for procurement of this instrument (in months)	Action Taken for procurement of this Instrument / Equipment (Specification finalized / procurement initiated / work awarded / outsourced)
41	Thermometer (Alcohol)	Yes		
42	Dry & wet bulb Thermometer	Yes		
43	Toxicity characteristic leaching procedure (TCLP) Extractors (Zero head and Bottle)	Yes		
44	Ultra sonic water bath- Capacity 3 litre			
45	Water Bath with temperature control (*2 Nos)	Yes		
46	Water Bath with temp. for mercury sample digestion- 20 BOD Bottles			
D. Analytical Instruments at Environmental Laboratories				
a) Mandatory Requirements				
1.	Atomic Absorption spectrometer (AAS)- Flame, Hydride & Graphite Tube Atomizer (GTA)	Yes		
2.	Binocular Stereo Zoom Microscope	Yes		
3.	Bomb Calorimeter	Yes		
4.	BTX Analyzer with BTX calibrator			
5.	Colony counter	Yes		
6.	Conductivity meter- 2 nos.	Yes		
7.	Environment conditioning chamber			
8.	Digital Burettes- 50 ml*2, 100 ml*2			
9.	Dissolved Oxygen Meter (Bench model)			
10.	Flame Photometer	Yes		
11.	Flash Point Apparatus	Yes		
12.	Gas Chromatograph Mass Spectrometer	Yes		
13.	High Performance Liquid Chromatograph (HPLC)	Yes		
14.	Inductively Coupled Plasma (ICP) Spectrometer-OES	Yes		
15.	Ion Chromatograph Anion & Cations	Yes		
16.	Methane and Non Methane (NMHC) Analyzer			



W.B. Pollution Control Board
 Central Laboratory
 Paribesh Bhawan
 10A, Block-LA, Sector-III
 Kolkata-700140

S. No.	Name of Instrument / Equipments	Available Yes / No	If the Instrument / Equipment is not available, Specify Timeline for procurement of this instrument (in months)	Action Taken for procurement of this Instrument / Equipment (Specification finalized / procurement initiated / work awarded / outsourced)
17.	Microscope – 100x			
18.	Microscope Binocular Research			
19.	CO (NDIR based) Analyzer			
20.	Nephelometer (Turbidity Meter)	Yes		
21.	pH-Meter with combined electrode (3 point)- 2 nos.	Yes		
22.	Specific ion Analyzer with ion selective electrodes	Yes		
23.	Spectrophotometer Visible (Portable)			
24.	TKN Analyzer semi-automatic with aluminum block digester			
25.	UV-Vis Spectrophotometer	Yes		
26.	Moisture Content Analyzer	Yes		
b) Optional Requirements				
1	Automatic Titration Assembly			
2	Carbon, Hydrogen, Nitrogen and Sulphur (CHNS) Elemental Analyzer			
3	EDXRF Analyzer/WDXRF Analyzer	Yes		
4	Fourier-transform infrared Spectrometer (FTIR)			
5	Flocculator (Jar testing apparatus)			
6	Toxic Gas Analyzer			
7	Organic Halogen (AOX/TOX) Analyzer			
8	TOC Analyzer			
9	High Resolution Mass Spectrometer (HRGC-HRMS)			
10	Inductively Coupled Plasma Mass (ICP-MS) Spectrometer			
11	X Ray Fluorescence (XRF) Spectrometer (Portable)	Yes		

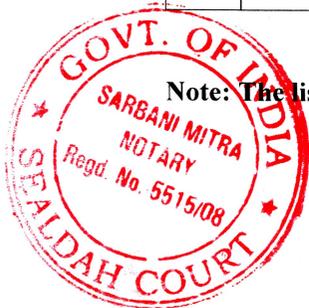


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PART III: DETAILS OF LABORATORIES ESTABLISHED UNDER THE WATER (P & CP) ACT, 1974

Laboratory established by the Board, as per Section 17 (2) of Water Act - Nos.				Laboratories / Institutes specified by State Govt., as State Water Laboratory as per Section 52 (1) of Water Act (other than those set up by Board) - Nos								NABL Accreditation		EPA Recognition			
No. of Laboratories established / recognised	No. of Laboratories (out of those given in column No. (1)) notified in Official Gazette	No. of remaining Laboratories Planned for Notification (out of those laboratories given in Notification (out of those laboratories given in column No. (3))	Time line required for notification of Laboratories given in column No. (3) (in months)	No. of Laboratories established / specified		No. of Laboratories (out of those given in column No. (5 & 6)) notified in Official Gazette		No. of remaining Laboratories Planned for Notification (out of those laboratories given in column No. (5 & 6)).		Time line required for notification of Laboratories given in column No. (9 & 10) (in months)		No. of Board' s Laboratories 17 (2)	No. of State Water Laboratories 52(1)		No. of Board' s Laboratories 17 (2)	No. of State Water Laboratories 52(1)	
				Govt.	Pvt.	Govt.	Pvt.	Govt.	Pvt.	Govt.	Pvt.		Govt.	Pvt.		Govt.	Pvt.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
												02			01		

Note: The list of the laboratory may be attached separately (Board, State Govt. and Private)



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PART IV: DETAILS OF LABORATORIES ESTABLISHED UNDER THE AIR (P & CP) ACT, 1981

Laboratory established by the Board, as per Section 17 (2) of Air Act - Nos.				Laboratories / Institutes specified by State Govt., as State Air Laboratory as per Section 28 (1) of Air Act (other than those set up by Board) - Nos								NABL Accreditation			EPA Recognition		
No. of Laboratories established / recognised	No. of Laboratories (out of those given in column No. (1)) notified in Official Gazette	No. of remaining Laboratories Planned for Notification (out of those laboratories given in column No.(1)).	Time line required for notification of Laboratories given in column No. (3) (in months)	No. of Laboratories established / specified		No. of Laboratories (out of those given in column No. (5 & 6)) notified in Official Gazette		No. of remaining Laboratories Planned for Notification (out of those laboratories given in column No. (5 & 6)).		Time line required for notification of Laboratories given in column No. (9 & 10) (in months)		No. of Board' s Laboratories 17 (2)	No. of State Water Laboratories 28(1)		No. of Board' s Laboratories 17 (2)	No. of State Water Laboratories 28(1)	
				Govt.	Pvt.	Govt.	Pvt.	Govt.	Pvt.	Govt.	Pvt.		Govt.	Pvt.		Govt.	Pvt.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
												02			01		

Note: The list of the laboratory may be attached separately (Board, State Govt. and Private)



PART IV: DETAILS OF LABORATORIES PARTICIPATED ON ANALYTICAL QUALITY CONTROL AND QUALITY ASSURANCE CONDUCTED BY CPCB IN RESPECT OF WATER QUALITY PARAMETERS

S. No.	Name of the Laboratory with address	No. of Parameters in AQC Exercise				Number of Parameters Attempted				% Parameters Successful			
		33 rd Exercise	34 th Exercise	35 th Exercise	36 th Exercise	33 rd Exercise	34 th Exercise	35 th Exercise	36 th Exercise	33 rd Exercise	34 th Exercise	35 th Exercise	36 th Exercise
1	Central Laboratory, Paribesh Bhawan, 10A, Block - LA, Sector - III	9	11	..	18	9	11	..	18	55.56	63.64	..	83.33
2	Barrackpore Regional Laboratory, Panpur More, Kalyani Expressway, Vill: Panpur, PO: Narayanpur, Kankinara, 24 Pgs. (N) -- 743126	09	11	Not participated	18	09	11	Not participated	18	100	86.36	Not participated	94.44
3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Note: 33rd Exercise (Metals) held in 2020-2021,
 34th Exercise (General and Physico-Chemical parameters) held in 2021-2022
 35th Exercise (Pesticides) held in 2023
 36th Exercise (General and Physico-Chemical parameters) held in 2023-2024
 Provide details of each Laboratories (Central, Regional/Zonal, District) in separate Row

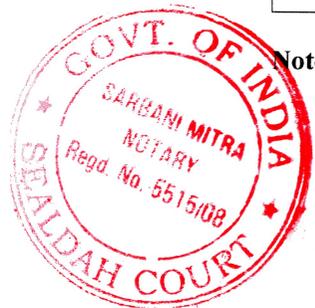



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PART V: DETAILS OF LABORATORIES PARTICIPATED ON PROFICIENCY TESTING (PT) PERFORMANCE
(Information to be given for last 3 years)

S. No.	Name of Laboratory with address	Year of PT participation	PT Sample Provider (Name and Address)	Number of Parameters in Accreditation Scope	Number of Parameters for which Laboratory participated in PT exercise	Number of Parameter with Satisfactory Results
1.	Central Laboratory, Paribesh Bhawan, 10A, Block-LA, Sector – III, Bidhan Nagar, Kolkata – 700016	2022	Global Lab Solutions, D 29, 3 rd Fl, Acharya Niketan, Mayur Vihar, PH I, Delhi-110091	0	03	03
		2023	1.Green Economy Initiative Pvt. Ltd. 215, Silver City (Main) Ambala Chandigarh Express Way (NH 22) Punjab- 140603	50	50	50
			2. Global Lab Solutions, D 29, 3 rd Fl, Acharya Niketan, Mayur Vihar, PH I, Delhi-110091	03	03	03
		2024	1.Green Economy Initiative Pvt. Ltd. 215, Silver City (Main) Ambala Chandigarh Express Way (NH 22) Punjab-140603	20	20	20
2.	Barrackpore Regional Laboratory, Panpur More, Kalyani Expressway, Vill: Panpur, PO: Narayanpur, Kankinara, 24 Pgs. (N) -- 743126	2022	1.Green Economy Initiative Pvt. Ltd. 215, Silver City (Main) Ambala Chandigarh Express Way (NH 22) Punjab-140603	--	--	--
		2023		39	51	51
		2024		39	05	04
		2022	2. Global Lab Solutions, D 29, 3 rd Fl, Acharya Niketan, Mayur Vihar, PH I, Delhi-110091	02	04	04
		2023		02	04	04
		2024		02	04	03
3.	NA	2022	NA	NA	NA	NA
		2023	NA	NA	NA	NA
		2024	NA	NA	NA	NA

Note: Provide details of each Laboratories (Central, Regional/Zonal, District) in separate Row



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