

BEFORE THE NATIONAL GREEN TRIBUNAL  
EASTERN ZONE BENCH, KOLKATA

ORIGINAL APPLICATION NO. 40/2024/EZ

ANKUR SHARMA

.....APPLICANT(S)

VERSUS

THE STATE OF WEST BENGAL & ORS.

.....RESPONDENT(S)

ADDITIONAL AFFIDAVIT FILED BY THE WEST  
BENGAL POLLUTION CONTROL BOARD.

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Filed by



Ghanshyam Pandey

Advocate

M - 9686750386

E - ghanshyamlegal@gmail.com

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BENGAL POLLUTION CONTROL BOARD.

Most Respectfully Sheweth

I, Sri Subrata Ghosh, son of Biswanath Ghosh, aged about 60 years, by faith-Hindu, Occupation- Service, residing at Narkelbagan, Gorosthan, Chinsurah, District- Hooghly, do hereby solemnly declare and say as follows:-



01. That, I am the Officer on Special Duty (OSD), 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 Respondent No. 7, to affirm this Affidavit on its behalf and as such, I am competent to do so.

02. That this additional affidavit is being affirmed in pursuant to the orders passed by this Hon'ble Tribunal dated 02.04.2024 and 14.05.2024.

03. That, the District Magistrate & Collector, Howrah in its affidavit dated 22.03.2024 has filed the inspection report of the Committee.



04. That, the Hon'ble National Green Tribunal vide order dated 02.04.2024 directed the State Board to file an additional affidavit bringing on record the entire data with regard to water reports etc.

04. That, in this matter the primary allegation relates to pollution of the River Hooghly caused by High Drains(out fall drains) and other small surface drains draining toxic domestic sewage and industrial effluents into the River Hooghly at Ramkrishnapur ferry Ghat, Howrah by the Howrah Municipal Corporation.

05. That, the State Board conducts sampling of drain near Ramkrishnapur Ghat on quarterly basis. That, pursuant to the order of the Hon'ble National Green Tribunal, the State Board conducted sampling of the said Ramkrishnapur Ghat on 26.06.2024. It is observed that the Physico-chemical parameters (pH, DO, BOD) of the Ganga water sample collected on 26.06.2024 from Ramkrishnapur Ghat were within MOEF 2000 standards, and no input of inorganic



pollutants like (Zn, Ni, Hg, Pb, Fe, Cr, Cu Cd, As) were found. However, fecal coliform and fecal streptococci count exceeded permissible limits, rendering the water unsuitable for bathing.

The Primary Water Quality Criteria as MoEF, 2000 for bathing is:

Primary water Quality for Bathing Water (Water used for organized outdoor bathing) Gazet Notification of MoEF, GOI dated September 25, 2000	
Parameter	Criteria
1. Fecal Coliform MPN/100ml	500 (desirable) 2500 (maximum Permissible)
2. Fecal Streptococci MPN/100ml	100 (desirable) 500 (maximum Permissible)
3. pH	Between 6.5-8.5
4. Dissolved Oxygen	5 mg/l or more
5. Biochemical oxygen demand 3 day, 27C	3mg/l or less

Copy of the water report of the State Board is annexed herewith and marked with letter "R1".

06. 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.

Identified by me.  
Ghanshyam Pandey  
Advocate.

  
DEPONENT



SOLEMNLY AFFIRMED AND DECLARED  
BEFORE ME ON IDENTIFICATION

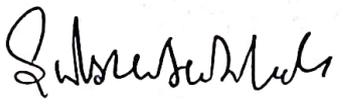
27 JUL 2024

  
PADMA DAS  
NOTARY

VERIFICATION

I, Sri Subrata Ghosh, son of Shri Biswanath Ghosh, aged about 60 years, by Religion - Hindu, by Occupation- Service, residing at Narkelbagan, Gorosthan, Chinsurah, District-Hooghly, do hereby solemnly declare and say as follows:-

1. That, I am the Officer on Special Duty (OSD), 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 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.

  
DEPONENT

Identified and corrected by me  
Advocate *Ghanshyam Pandey Adv*  
WBPCB





# WEST BENGAL POLLUTION CONTROL BOARD

Central Laboratory  
Paribesh Bhawan, 10A, Block LA, Sector III, Salt Lake City, Kolkata 700 106.  
Tel: (033) 2335-5953

Report No: 960

### TLST REPORT

Issue Date: 05/07/2024

Sample Details	River (Surface Water)	A R F No.	939/2024
Sample Received From	Central Laboratory	Sampling Date	26/06/2024
Test Material	River Water Sample	Sample Received on	26/06/2024
Sampling Location	Ganga at Ramkrishnapur Ghat	Total no of Sample	1
Height/Depth	NA	Period of Analysis	26/06/2024 to 04/07/2024
Sample Condition	Good	Climate Condition	Sunny
Name of Industry/Source	Ganga at Ramkrishnapur Ghat	Address	Howrah
Sample Collected by	Bimalendu Mal Bikash Das & Md Sohaib		

Sampling Procedure Reference - CL/SOP/32

Sl	Treated/Untreated	Collection Time	Sampling Details (Collection / Discharge)
1	-	1525	Ganga at Ramkrishnapur Ghat

Parameters	Result	Unit	LOD	Method
pH (Unit)	7.44	Units	4 Units	APHA 4500-H+ B (24th edition, 2023)
DO	5.36	mg/L	0.2 mg/L	APHA 4500-O C (24th edition, 2023)
COD	11.90	mg/L	6.00 mg/L	APHA 5220 B, 5220 D (24th edition, 2023) USEPA Method 410.4, revision 2.0, August 1993
BOD(3days@27°C)	2.81	mg/L	0.20 mg/L	CL/WI/5 4/19 issue # 2 issue Date 13/02/2015, 2015
TSS	90.00	mg/L	4 mg/L	APHA 2540 D (24th edition, 2023)
TDS(@180°C)	220.00	mg/L	4 mg/L	APHA 2540 C (24th edition, 2023)
Turbidity	32.00	NTU	0.50 NTU	APHA 2130 B (24th edition, 2023)
Conductivity	239.10	µS/cm	1 µS/cm	APHA 2510 B (24th edition, 2023)
Chloride	10.00	mg/L	5.00 mg/L	APHA 4500-Cl B (24th edition, 2023)
p-Alkalinity	Nil	mg/L	-	APHA Standard Methods 2320 B; 23rd Edition (2017) : 2017
Total Alkalinity	120.00	mg/L	10.00 mg/L	APHA Standard Methods 2320 B; 24th Edition (2023) : 2023
Total Hardness	124.00	mg/l	10.00 mg/l	APHA Standard Methods 2340 C; 24th edition (2023) : 2023
Nitrate-N	0.67	mg/L	0.05 mg/L	APHA 4500-NO3-B (24th edition, 2023)
Nitrite Nitrogen	0.03	mg/l	0.01 mg/l	APHA Standard Methods 4500-NO2- B, 24th edition (2023) : 2023

Authorised Signatory :

*Kaly*  
Jr Scientist  
(Checked by)

*[Signature]*  
Scientist  
(Verified by)

*[Signature]*  
Chief Scientist  
(Issued by)

Copy To-

- 1 Chief Engineer, Planning / EIM Cell / WMC, WBPCB
- 2 OSD (O & E) WBPCB
- 3 Howrah Regional Office, WBPCB
- 4 Central Laboratory, WBPCB



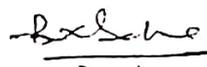
Report No: 960

Issue Date: 05/07/2024

Parameters	Result	Unit	LOD	Method
Phosphate-P	0.04	mg/L	0.01 mg/L	APHA 4500-P B, 3030 K (digestion) & 4500-P D (determination), 24th edition, 2023
Sulfate	12.79	mg/L	5.00 mg/L	APHA 4500-SO42 E (24th edition, 2023)
Ammoniacal Nitrogen	BDL	mg/L	0.1 mg/L	APHA 4500-NH3 D (24th edition, 2023)
Fluoride	0.25	mg/L	0.1 mg/L	APHA 4500-F C (24th edition, 2023)
Boron	BDL	mg/L	0.10 mg/L	APHA 4500-B C (24th edition, 2023)
Calcium	40.80	mg/L	10.00 mg/L	APHA 3500-Ca B (24th edition, 2023)
Magnesium	5.35	mg/L	10.00 mg/L	APHA 3500-Mg B (24th edition, 2023)
Sodium	15.70	mg/L	2.30 mg/L	APHA 3500-Na B (24th edition, 2023)
Potassium	4.00	mg/L	2.20 mg/L	APHA 3500-K B (24th edition, 2023)
Arsenic	BDL	mg/L	0.005 mg/L	APHA 3030 E, 3030 K & 3113 B (24th edition, 2023)
Cadmium	BDL	mg/L	0.055 mg/L	APHA 3030 E, 3030 K & 3111B (24th edition, 2023)
Copper	BDL	mg/L	0.11 mg/L	APHA 3030 E, 3030 K & 3111B (24th edition, 2023)
Total Chromium	BDL	mg/L	0.35 mg/L	APHA 3030 E, 3030 K & 3111B (24th edition, 2023)
Iron	1.17	mg/L	0.14 mg/L	APHA 3030 E, 3030 K & 3111B (24th edition, 2023)
Lead	BDL	mg/L	0.25 mg/L	APHA 3112 B (24th edition, 2023)
Mercury	BDL	mg/L	0.003 mg/L	APHA 3030 E, 3030 K & 3111B (24th edition, 2023)
Nickel	BDL	mg/L	0.35 mg/L	APHA 3030 E, 3030 K & 3111B (24th edition, 2023)
Zinc	BDL	mg/L	0.08 mg/L	APHA 3030 E, 3030 K & 3111B (24th edition, 2023)

Note - LOD: Limit of Detection, BDL: Below Detection Limit, NT: Not Traceable, NA: Not Applicable, ND: Not Done  
 1) For Sampling details pl. refer to A R F No. 939/2024 Dated 26/06/2024 2) Results are reported based on preserved materials.  
 3) Sample will be destroyed after 2 months from the date of receiving of the sample/s. Sample will be preserved according to Standard Method  
 4) The Test Report shall not be reproduced without the written permission of the Laboratory.

Remarks:-

Authorised Signatory :  Jr Scientist (Checked by)     
  Scientist (Verified by)     
  Chief Scientist (Issued by)

- Copy To-
1. Chief Engineer, Planning / EIM Cell / WMC, WBPCB
  2. OSD (O & E), WBPCB
  3. Howrah Regional Office, WBPCB
  4. Central Laboratory, WBPCB

End of Report





**LIFE**  
Lifestyle for  
Environment

# WEST BENGAL POLLUTION CONTROL BOARD

Central Laboratory  
Paribesh Bhawan, 10A, Block LA, Sector III, Salt Lake City, Kolkata 700 106.  
Tel: (033) 2335-5953

Report No: 960

## TEST REPORT

Issue Date: 05/07/2024

Sample Details	River (Surface Water)	A.R.F No.	939/2024
Sample Received From	Central Laboratory	Sampling Date	26/06/2024
Test Material	River Water Sample	Sample Received on	26/06/2024
Sampling Location	Ganga at Ramkrishnapur Ghat	Total no of Sample	1
Height/Depth	NA	Period of Analysis	26/06/2024 to 04/07/2024
Sample Condition	Good	Climate Condition	Sunny
Name of Industry/Source	Ganga at Ramkrishnapur Ghat	Address	Howrah
Sample Collected by	Bimalendu Mal. Bikash Das & Md Sohaib		

### Sampling Procedure Reference - CL/SOP/32

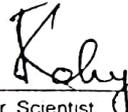
SI	Treated/Untreated	Collection Time	Sampling Details (Collection / Discharge)
1	-	1525	Ganga at Ramkrishnapur Ghat

Parameters	Result	Unit	LOD	Method
Temperature - Air	34.0	°C	--	APHA 2550 (24th edition, 2023)
Temperature - Water	32.0	°C	--	APHA 2550 (24th edition, 2023)
TFS	234.00	mg/L	--	APHA 2540 E (24th edition, 2023)

Note - LOD: Limit of Detection, BDL: Below Detection Limit, NT: Not Traceable, NA: Not Applicable, ND: Not Done  
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### Remarks:-

Authorised Signatory :  
 \_\_\_\_\_  
 Copy To-  
 \_\_\_\_\_

  
 Jr. Scientist  
 (Checked by)

  
 Scientist  
 (Verified by)

  
 Chief Scientist  
 (Issued by)

- 1. Chief Engineer, Planning / EIM Cell / WMC, WBPCB
- 2. OSD (O & E), WBPCB
- 3. Howrah Regional Office, WBPCB
- 4. Central Laboratory, WBPCB

..... End of Report .....





# WEST BENGAL POLLUTION CONTROL BOARD

Central Laboratory  
Paribesh Bhawan, 10A, Block LA, Sector III, Salt Lake City, Kolkata 700 106.  
Tel: (033) 2335-5953

Report No: 228

## TEST REPORT

Issue Date: 05/07/2024

Sample Details	River (Surface Water)	A R F No.	29/2024
Sample Received From	Central Laboratory	Sampling Date	26/06/2024
Test Material	River Water Sample	Sample Received on	26/06/2024
Sampling Location	Ganga at Ramkrishnapur Ghat	Total no of Sample	1
Height/Depth	NA	Period of Analysis	26/06/2024 to 01/07/2024
Sample Condition	Good	Climate Condition	Sunny
Name of Industry/Source	Ganga at Ramkrishnapur Ghat	Address	Howrah
Sample Collected by	Bimalendu Mal, Bikash Das & Md Sohaib		

Sampling Procedure Reference - CL/SOP/32

SI	Treated/Untreated	Collection Time	Sampling Details (Collection / Discharge)
1	-	1525	Ganga at Ramkrishnapur Ghat

Parameters	Result	Unit	LOD	Method
Total Coliform	110 × 10 <sup>3</sup>	MPN/100 ml	<1.8 MPN/100 ml	APHA Standard Methods, 9221 B (24th edition, 2023)
Fecal Coliform	23 × 10 <sup>3</sup>	MPN/100 ml	<1.8 MPN/100 ml	APHA Standard Methods, 9221 E (24th edition, 2023)
Fecal Streptococci	130 × 10	MPN/100 ml	<1.8 MPN/100 ml	APHA Standard Methods, 9230 B (24th edition, 2023)

Note - LOD Limit of Detection, BDL Below Detection Limit, NT: Not Traceable, NA Not Applicable, ND Not Done  
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Remarks:-

Authorised Signatory :

*Datta*

Env. Analyst  
(Checked & Verified by)

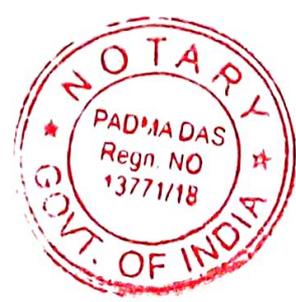
*[Signature]*

Chief Scientist  
(Issued by)

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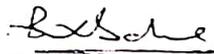
Parameters	Result	Unit	LOD	Method
E Coli	14 × 10 <sup>3</sup>	MPN/100 ml	<1 8 MPN/100 ml	APHA Standard Methods, 9221 F (24th edition, 2023)

Note - LOD: Limit of Detection, BDL: Below Detection Limit, NT: Not Traceable, NA: Not Applicable, ND: Not Done  
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Env. Analyst  
(Checked & Verified by)

  
Chief Scientist  
(Issued by)

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