

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI
ORIGINAL APPLICATION NO. 200/2014

In The Matter of:

M.C MEHTA

... Applicant

Versus

UNION OF INDIA & Ors.

... Respondents

AFFIDAVIT ON BEHALF OF THE DISTRICT MAGISTRATE & EX-OFFICIO
CHAIRMAN OF AND DISTRICT GANGA PROTECTION COMMITTEE, HOWRAH
DISTRICT.

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Filed by

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For The State of West Bengal

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(M): 9811785211



19 JAN 2024

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AFFIDAVIT ON BEHALF OF THE DISTRICT MAGISTRATE & EX-OFFICIO AND
DISTRICT GANGA PROTECTION COMMITTEE, HOWRAH DISTRICT.

A-809/2024
SL No

I, Dr. Deepap Priya P., D/o. Sri I. Palraj, working for gain as the
District Magistrate, Howrah at P.O. & P.S. Howrah, District Howrah
Pin-711101 do hereby solemnly affirm and submit as follows:-

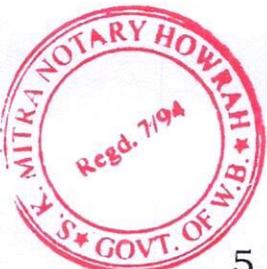
1. That I have been communicated with a copy of the order in
O.A. No. 200/2014 from the Learned Counsel for the State
associated with the instant case.
2. That this affidavit is being filed in compliance to the Solemn

Order dated 06.12.2023 passed by the Hon'ble Tribunal.



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3. That in compliance of Notification vide no. 3206-NGRBA-12012(14)/1/2022-O/o PRO DIR (WBSPMG) dated 09.06.2022 the first meeting of the District Ganga Protection Committee for Howrah District was held on 28.06.2022 involving all stakeholders. It was informed by Officer-in-charge WBPCB, Howrah R.O. that they have list of Industries and Organizations which were discharging the waste in different way rather coming to the River Ganga directly. Also, surveillance and monitoring are running periodically through third party monitoring in order to prevent the pollution being caused from industrial waste. Minutes of the meeting dated 28.06.2022 is annexed herewith marked as “ **R- 1** ”.
4. That the second meeting of the DGPC, Howrah was held on 29.09.2022 at 4.00 P.M. comprising all stakeholders. Issued discussed were afforestation, prevention of soil erosion etc. Copy of Minutes of meeting dated 29.07.2022 is annexed herewith marked as “ **R- 2** ”.
5. That the third meeting of the DGPC ,Howrah was held on 29.12.2023 at 11 AM comprising the stakeholders. Issues discussed were upcoming programmes in 3 Ganga adjacent blocks namely Sankrail, Uluberia-I & Shyampur-I as per approval of Annual Action Plan for public awareness activities



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river pollution , prevention of erosion of soil , afforestation activities in the Ganga bordering Gram Panchayats in the coming monsoon season etc. Copy of minutes of meeting dated 29-12-2023 is annexed herewith marked as **“R-3”**.

6. That there were five (05) nos. of awareness programmes conducted as per approved Annual Action plan molded by the WBSPMG. The 75th Independence Day under Azadi Ka Amrit Mahotsav 2022 was celebrated from 17.08.2022 to 18.08.2022 in Sankrail Block. The main motto was Ganga pollution abatement. The Ghat Par Haat was conducted within this period with the objective of better livelihood of the people residing in the banks of the Ganges. Ganga Mohatsav 2022 was conducted in 04.11.2022 in Sankrail Block with the objective of awareness among people about the River Ganga. The Mission Life Campaign took place from 24.05.2023 to 26.05.2023 with the objective of increasing livelihood among the residents of banks of the river and raising awareness against Ganga pollution. From 01.10.2023 to 02.10.2023 Swachta Hi Seva was conducted in Sankrail Block with the object of raising awareness about keeping the environment in and around the River Ganga clean. Ganga Utsav 2023 was conducted on 4.11.2023 in Shyampur – 1 Block the object of raising awareness about keeping the River Ganga clean.

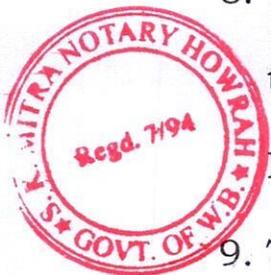


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7. That for afforestation around the river Ganga, the DFO of the Howrah Division has already been requested to do necessary afforestation over the concerned areas and thus steps for necessary afforestation and there by prevention of soil erosion have been taken and further steps will be taken soon in rear future. With the purpose of Ghat protection in Rajganj Ghat, banners were unfurled with the object of Ganga protection awareness. All efforts from the District Administration and District Ganga Protection Committee are made for landscaping and beautification purpose. Many efforts are being made from Howrah District Administration for cleanliness of River Ganga and raising awareness among the masses for protection of the river.

8. The the report specifying different heads & sub-heads in tabular form in pursuance of order dated 24-11-2023 of the Hon'ble NGT is annexed herewith marked as "R-4".

9. That the statements made in the above paragraphs are true to my knowledge are belief of the record as available in the office of the deponent and the rest are humble submissions before the Hon'ble Tribunal.



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10. That it is most respectfully prayed that this Hon'ble Tribunal may kindly be pleased to pass necessary order / orders as is deemed fit for the ends of justice

Identified by me

Prasenjit Dasgupta.

Advocate
State of West Bengal

Deponent

[Signature]

District Magistrate
Howrah



SOLEMNLY AFFIRMED & DECLARED
BEFORE ME ON IDENTIFICATION

[Signature]
SHYAMAL KR. MITRA
NOTARY HOWRAH

19 JAN 2024

VERIFICATION:

I, the deponent above- named, do hereby verify and declare that the statements made in the aforesaid paragraphs are true and correct to the best of my knowledge and information and I believe that nothing material has been concealed there from.

Verified at _____ on _____ day of _____ 2024.

Identified by me

Brasajit Dasgupta

Advocate
State of West Bengal

M.C. Mehta
Deponent

District Magistrate
Howrah

HON'BLE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI

O. A. NO. 200/2014

In The Matter of:

M.C. Mehta.

... APPLICANT

VERSUS

Union of India & Ors.

... RESPONDENT(S)

AFFIDAVIT ON BEHALF OF THE
RESPONDENT No. 04, DISTRICT
MAGISTRATE & COLLECTOR, HOWRAH
DISTRICT.

[Signature]
19 JAN 2024

Ms. Madhumita Bhattacharjee,



Minutes of meeting regarding District Ganga Committee (DGC), Howrah**Date & Time: 28/06/2022 at 12.00 noon****Venue: 3rd Floor Conference Hall of the District Magistrate, Howrah**

The 1st meeting has been convened for the formation of District Ganga Committee (DGC) under Howrah District. The role and function of the committee for prevention of pollution throughout the Ganga River under Howrah District has been discussed. The following decision has been taken unanimously.

1. Regular monthly meeting of Ganga Committee will be held henceforth as per direction of the Programme Director, WBSPMG.
2. Nomination of 2 (two) Environmentalists and 1 (one) Industrialist will be nominated by the Chairperson of DGC & District Magistrate, Howrah after obtaining names from concerned sections.
3. It has been proposed to include the member from Uluberia Municipality & Howrah Municipal Corporation for better remedial measure in connection with controlling the Ganga pollution. For this necessary approval may be sought from the Department.
4. The Officer-in-charge, WBPCB, Howrah R.O., informed that they have list of such industries & organizations which are discharging the waste in different way rather coming to the Ganga River directly. Also, surveillance and monitoring are running periodically through third party monitoring in order to prevent the pollution ^{being} caused from industrial waste.
5. PCB, Howrah Division is also suggested to monitor regularly ^{all} ~~over~~ organization/Industries which have ^{been granted} permission.
6. A whatsapp group will be formed with all members for better monitoring and surveillance i.c.w. pollution control at Ganga River under Howrah Division.

There is no other topic to discuss further, the meeting ended with vote of thanks.

Chairperson, DGC, Howrah & District Magistrate, Howrah



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Minutes of meeting regarding District Ganga Committee (DGC), Howrah

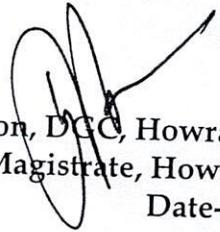
Date & Time: 29/07/2022 at 4 PM

Venue: 3rd Floor Conference Hall of the District Magistrate, Howrah

The 2nd meeting has been convened for the District Ganga Committee of Howrah District. The following decision has been taken unanimously.

1. The official of the Forest Department is suggested for immediate afforestation in the Ganga bordering GPs under Sankrail, Uluberia-I, Shyampur-I Development blocks in this monsoon season by forming a comprehensive plan to be prepared with the respective BDO at the Ganga Bordering Blocks. This plan shall be prepared as early as possible before the completion of monsoon season using the saplings of Mehagani, Sishu, Jarul etc. In this connection documentation is to be done periodically.
2. It was also discussed in the meeting that Manikpur Gam Panchayat under Sankrail Block is an erosion prone area adjacent to Ganga River under Howrah District. Some plantation can be done in the river bank of Ganga under Howrah district in order to mitigate, the soil erosion.
3. In view of that officials from Irrigation & Waterways Howrah district was asked to prepare the list of area which are prone to erode.
4. The Officer-in-charge, Municipal Affairs section Howrah elaborated and briefed the activities to be undertaken in the area adjacent to the Ganga River under Howrah district.
5. The Officer-in-charge, Municipal Affairs, Howrah asked to EE, WBPCB, Howrah whether they have any information regarding SLWM project have been operationlising adjacent to the Ganga River under Howrah district. As reply she informed that all the SLWM units adjacent to the Ganga River area are being maintained either by HMC or KMDA. Irrespective of that rests the list might be available at the end of Howrah Zilla Parishad.

Having no other discussion in this regard the meeting ended with vote of thanks from the chair.


 Chairperson, DGC, Howrah &
 District Magistrate, Howrah
 Date- 29/08/2022

Memo no- 189/MA

Copy forwarded for information to-

- (1) Member Convenor, DGC, Howrah & ADM (P) Howrah
- (2) Officer-in-charge, Municipal Affairs, Howrah
- (3) Ex-Officio Member, DGC, Howrah & Executive Engineer, PWD, Howrah
- (4) Ex-Officio Member, DGC, Howrah & Executive Engineer, Irrigation and Waterways Department (I&WD), Howrah
- (5) Ex-Officio Member, DGC, Howrah & Executive Engineer, Public Health Engineering Department (PHED), Howrah
- (6) Ex-Officio Member, DGC, Howrah & Officer-in-charge, WBPCB (Howrah)
- (7) Ex-Officio Member, DGC, Howrah & Divisional Forest Officer, Howrah
- (8) CA of the District Magistrate, Howrah




 Chairperson, DGC, Howrah &
 District Magistrate, Howrah

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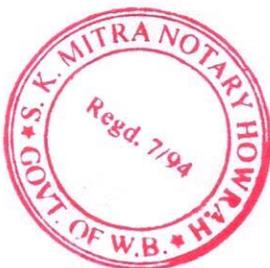
Minutes of the meeting of District Ganga Committee held on 29.12.2023 at D.M'S Conference Hall

The meeting of District Ganga Committee, Howrah held on 29th December 2023 at 11.00 A.M. at D.M's Conference Hall, New Collectorate Building, Howrah. The following representatives were present in the meeting:-

1. Chairperson DGC, Howrah & District Magistrate, Howrah
2. Member Convener, DGC, Howrah & Additional District Magistrate (L.R) , Howrah
3. EX-Officio Member, DGC Howrah & Executive Engineer, PWD, Howrah
4. EX-Officio Member, DGC Howrah & Executive Engineer, Irrigation and Waterways Department (I & WD), Howrah
5. Ex-Officio Member, DGC Howrah & Executive Engineer, Public Health Engineering Department (PHED), Howrah
6. Ex-Officio Member, DGC, Howrah & Officer-in-Charge, WBPCB (Howrah)
7. EX-Officio Member, DGC Howrah & Divisional Forest Officer, Howrah
8. Nodal Officer, DGC, Howrah & Officer- in – Charge, Municipal Affairs, Section , Howrah
9. BDO, Sankrail block
10. BDO Uluberia-I block
11. BDO Shyampur-I block
12. Sri ProbirRoy,(Industrialist),Howrah
13. Dr. Debasis Pal, Principal (Environmentalism),Howrah
14. Dr. SukumarGuhhait, Asst Professor (Environmentalism), Howrah
15. Shambhu lal Choudhary District Project Officer, DGC , Howrah

The District Magistrate, Howrah presided over the meeting and welcomed all the participants of the meeting. She highlighted about the objectives of the District Ganga Committee in detail. She focused upon the activities of the mission and explained the following measures for the purpose.

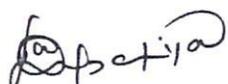
1. District Magistrate, Howrah discussed about upcoming Program in three Ganga Blocks, i.e. (Sankrail, Uluberia – I & Shyampur – I) as per approval of Annual Action Plan for public awareness activities as per WBSPMG 2023-24. Ghat Pe Hat, River Festival – 2023 to be organized in the three Ganga blocks.
2. Special Public awareness exhibitions for behavioral change activities and Ganga Swachta Pakhwada to be planned to reduce river pollution.
3. EE Irrigation was instructed to submit report on vulnerable erosion prone areas across the district so that measures can be taken.
4. Divisional Forest Officer was instructed to carry out afforestation activities in the Ganga bordering GPs under Sankrail, Uluberia-I, Shyampur –I Development blocks in this monsoon Season by forming a comprehensive plan in consultation with BDOs at Ganga Bordering Block

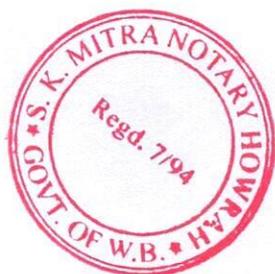


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5. Awareness activities to be done at educational institutions under these 3 blocks especially the one's close to Ganga river. List of institutions to be prepared by BDOs in consultation with SIs.
 6. Sri Probir Roy, (Industrialist), Howrah suggested to keep check on industries which are polluting the Ganga river. BDOs have to prepare list of industries in consultation with IDOs and check whether waste is being treated or not before it flows through the river.
 7. All the departments were directed to submit report related to NGT case as soon as possible.

As there was no other issue to be discussed, the meeting ended with a vote of thanks from and to the chair.


Chairperson DGC, Howrah &
District Magistrate, Howrah




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Annexure-I

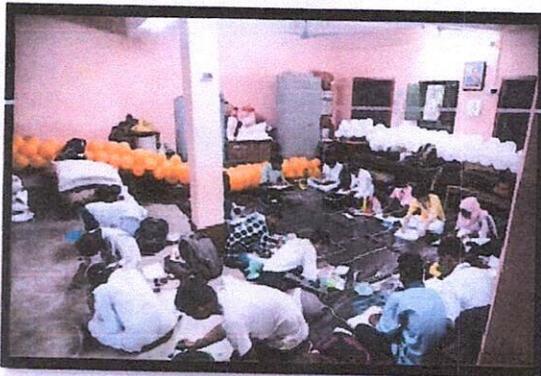


District Ganga Protection Committee Meeting



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Annexure-II

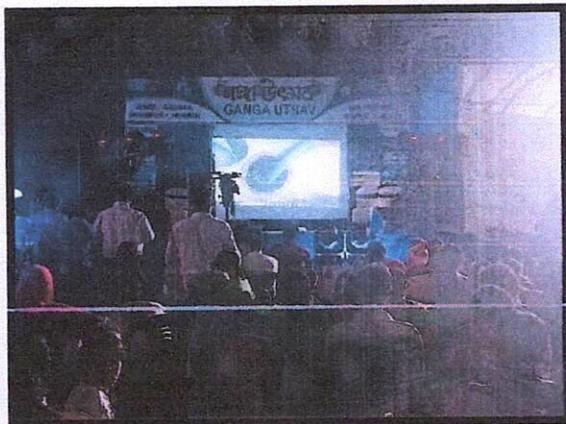
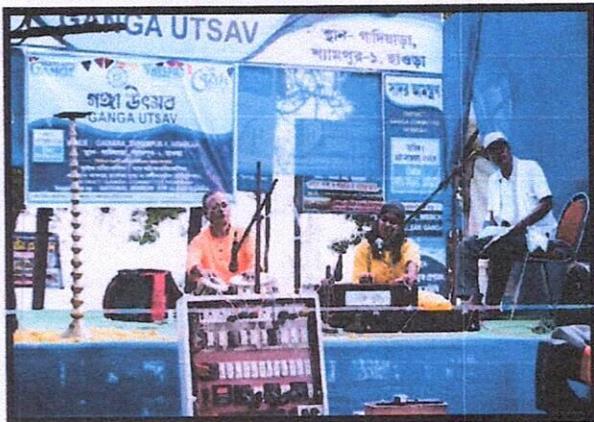


GHAT PAR HAAT 2022 at Sankrail Block



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Annexure-III



GANGA UTSAV-2023 at Shyampur-I,Block

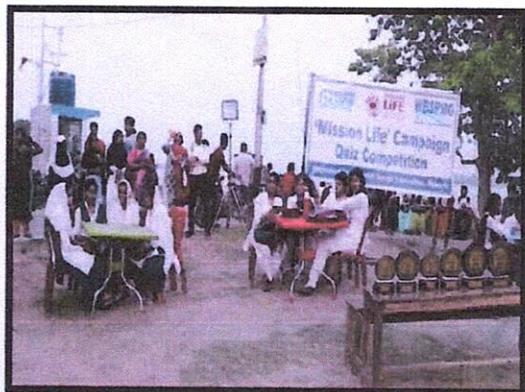


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Annexure-IV



GANGA MAHOTSAV-2022



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Report in connection with O.A. No. 200/2014 (C.W.P. No. 3727/1985, I.A. No. 340/2022)
in between M.C. Mehta - Vs - Union of India & Ors. (order dated 06.12.2023 of the
Hon'ble Tribunal, Principal Bench).

Date of the District : Howrah.

Sl. No.	Issue	Remarks
I.	Sewage :	
	<p>a) Per day generation of sewage in each city/town within the District.</p> <p>b) Quantity of sewage treated per day, city / town wise.</p> <p>c) The number of sewage treatment plant existing and their capacity and capacity utilization and mode of disposal in each city / town.</p> <p>d) Quantity of discharged treated sewage from each STP, particularly for fecal coliform.</p> <p>e) Time bound plan to meet the gap, if any, in generation and treatment of sewage</p> <p>f) Details of Hotels, Dharmshala and Ashram operating without proper consent and discharging untreated effluent and the action taken against them.</p>	<p>a)-e) Report annexed as "A"</p> <p>f) HMC area : M/S Durga Mukesh Hindu Hotel, M/S Joy Bijoy Hotel ,M/S Ranjit Roy/Ashok Roy/Pradip Roy/Sankar Chowdhary ,M/S Sai Ganga Hindu Hotel ,M/S Islamia Hotel ,M/S</p>



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	<p>g) Water quality in river and its tributaries in abutting districts /towns in terms of fecal coliform (MPN/100ml)</p>	<p>Abhishek Hindu Hotel ,M/S Roy Bahadur Mukherjee Hotel, M/S Dutta Cabin Hotel ,M/S Kailash Sharma Hotel. The land is under jurisdiction of Kolkata Port Trust & Railways .The Port Trust has initiated taking action regarding eviction against them. NIL for Uluberia Municipality.</p> <p>g) Report annexed as "B"</p>
II.	<p>Municipal Solid Waste disposal :</p> <p>a) Per day generation of Solid waste in each city / town within the District.</p> <p>b) Quantity of solid waste treated per day, in each city / town of the District.</p> <p>c) The gap in treatment of solid waste.</p> <p>d) Legacy waste and the time bound plan to treat legacy waste</p> <p>e) The manner of utilization of the treated waste as well as rejects arising out of remediation of legacy waste.</p> <p>f) Current status of dumping of solid waste with reference to location.</p>	<p>a)-e). Report annexed as "C"</p> <p>f) Currently fresh solid waste dumped in Belgachia trenching ground (HMC).</p>



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III.	Construction and Demolition waste :	
	<p>a) Total per day generation of C & D waste within the District.</p> <p>b) The detail of plant established for the treatment of C & D waste including the existing capacity and capacity utilization.</p>	<p>a)-b) Report annexed as "D"</p>
IV.	Industrial Effluent discharge :	
	<p>a) Number of industrial unit discharging their effluent treated /untreated in river Ganga and its tributaries and details of defaulting industrial units.</p> <p>b) Total daily generation of such industrial waste within the District.</p> <p>c) The manner of treatment of the industrial waste so generated.</p> <p>d) The discharge effluent analysis from the CETP and ETP treating the industrial waste from each outlet.</p> <p>e) The per day generation of industrial solid waste and manner of its treatment and disposal in the District.</p>	<p>a)-e) Report annexed as "E"</p>
V.	Regulation of Flood Plain Zone :	
	<p>f) If the flood plain zone has been demarcated and the extent of encroachment on the flood plain zone in the District.</p>	<p>f) Flood plain zone is not demarcated for river Ganga in the district of Howrah as there is embankment along the right bank of river Ganga in Howrah District. There is no encroachment in the river side within the embankment.</p>



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	g) The details of direct discharge of pollutants by the encroachers by the side of the river Ganga and its tributaries in the District.	g) Human sewage, animal waste, waste water from factories , pesticides etc.
VI.	Bio medical waste :	
	<p>a) The per day total generation of bio medical waste in the District.</p> <p>b) The manner of its treatment and disposal.</p>	<p>a) Total BMW generated per day is 1640 kg (approx.) [incinerable waste 1320 kg & Autoclave waste 320 kg]</p> <p>b) For yellow category of wastes yellow coloured non-chlorinated plastic bags are used & disposal is done by incineration followed by landfill. For red category of wastes red coloured non-chlorinated plastic bags are used & disposal is done by autoclaving followed by shredding & then by sending to authorized recycler.</p> <p>For white category of wastes white containers are used & disposal is done by incineration.</p> <p>For blue category of wastes blue mark boxes are used & disposal is done by chemical treatment & then by sending to authorized recycler.</p>



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VII.	Mining :	
	a) Number of cases registered within a year against illegal mining in the bed or flood plains of river Ganga and its tributaries and details of enforcement of mining policy of State and "Enforcement & Monitoring Guidelines for Sand Mining" (EMGSM - 2020) and Sustainable Sand Mining Management Guidelines 2016.	Nil




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Fresh Waste Processing Status of Ganga Towns

- 21 -

32415

A

District	ULB	Ward	Per day Total Fresh Waste Generation (TPD)	Segregation in no of wards	Per day quantity of Total Waste being collected in Segregated Manner (TPD)	Collection and Transportation Total In TPD	Waste Processing in TPDTOTAL	Processing gap	Tender Status
HOWRAH	Howrah MC	50	911	29	206.18	911	10.57	900.43	Standalone Tender to be floated. ASCI is preparing the DPR for collection, transportation and setting up Fresh Waste Processing Unit including Waste to Energy Plant for remaining waste at HMC
HOWRAH	Uluberia	32	120	32	92.78	120	0	120	LoA cum Work Order Issued
TOTAL		82	1031	61	298.96	1031	10.57	1020.43	



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Progress report regarding Solid Waste Management of 43 Ganga Towns up to December, 2023

Sl. No.	Name of the Components	Status	Remarks
1.	100% Scientific Management of municipal Solid waste in Ganga Towns	<p>9(Nine) waste processing plants at Baidyabati, Rishra, Srerampore, Konnagar, Uttarpara Kotrang, Champdany, Haldia, Kolkata MC and Krishnanagar are functioning at present including one no RWMC with SLF has been set up at Baidyabati, that caters six Ganga towns of Hooghly District. Upgradation of the plants has been proposed by the Transaction Advisors engaged for assisting State Govt, towards Scientific planning of SWM.</p> <p>For waste processing unit and O&M : Work order issued for 17 ULBs, Tender in different stages for 17 ULBs and to be processed through SHG mode in 6 ULBs, out of that workorder issued for 3 ULBs. Plant in operation (Krishnanagar and Haldia) and 500 TPD plant is under operation in Kolkata MC.</p> <p>For legacy waste removal through bio mining: Out of 41 dumpsites of 39 ULBs work completed in 24 dumpsites of 20 ULBs, work started in 17 dumpsites of 19 ULBs and remaining are in different stages of tender.</p> <p>Till date 34.44 lakh household bins (green and blue colour) provided to these Ganga Towns and 23684 Community bins (green and blue colour) also provided</p>	Microplanning Organizations have been engaged for assisting State Govt, towards Scientific planning of SWM for each and every ULBs.
2.	Status of open dump sites and GVPs along River Ganga.	There are no open dump sites present along River Ganga.	
3.	Screening arrangements and their regular cleaning at all nullahs in Ganga Towns.	<p>Out of 402 drains discharging to River Ganga 400 Drains on which screens have been provided and they are being cleaned at a regular intervals.</p> <p>In rest 2 no. of drains, screen installation is not technically feasible, bio-remediation & phyto-remediation measures undertaken.</p>	List showing the name of the ULBs with details has been attached.
4.	Regular Ghat cleaning.	100% cleaning operation is being done by all the respective ULBs on regular basis. Bins have been provided at every Ghat.	
5.	Anti littering message	Anti littering messages have been displayed on each and every Ghats.	
6.	Progress in SBM-U matters	<p>ODF status Achieved- Self Declared: 43 ULBs, Gol declared ODF: 38 ULBs</p> <p>Target for IHHL construction-67851 nos</p> <p>IHHL construction Completed=66262 nos (98%)</p> <p>IHHL Geo-tagging Completed-65773 nos</p>	
7.	Inspection of Ghats	Report Annexed	



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Fresh Waste Processing Status of Ganga Towns

32417

Sl. No.	District	ULB	Ward	Per day Total Fresh Waste Generatio	Segregation in no of wards	Per day quantity of Total Waste being collected in Segregated Manner (TPD)	Collection and Transportati on Total In TPD	Waste Processing in TPDTOTAL	Tender Status
1	HOOGHLY	Baidyabati	23	66.45	23	66.45	66.45	65	LoA cum Work Order Issued
2	HOOGHLY	Bansberia	22	40	22	37.00	40	29.5	Work started
3	HOOGHLY	Bhadreswar	22	22.53	22	22.53	22.53	22.53	LoA cum Work Order Issued
4	HOOGHLY	Champdany	22	19.06	22	13.04	3.238	20	LoA cum Work Order Issued
5	HOOGHLY	Chandannagore MC	33	71.44	33	71.44	71.44	71.44	Integrated Fresh Tender to be floated both for Legacy and Fresh Waste
6	HOOGHLY	Hooghly Chinsurah	30	75	30	39.78	75	39.78	Integrated Fresh Tender to be floated both for Legacy and Fresh Waste
7	HOOGHLY	Konnagar	20	25.4	20	24.12	25.4	25	LoA cum Work Order Issued
8	HOOGHLY	Rishra	23	53.87	21	51.97	53.87	45	LoA cum Work Order Issued
9	HOOGHLY	Serampore	29	95	29	18.82	95	78	LoA cum Work Order Issued
10	HOOGHLY	Uttarpara Kotrung	24	89.945	24	89.95	89.945	40	LoA cum Work Order Issued
TOTAL			248	558.695	246	435.095	542.873	436.25	
11	HOWRAH	Howrah MC	50	911	29	206.18	911	10.57	Standalone Tender to be floated. ASCI is preparing the DPR for collection, transportation and setting up Fresh Waste Processing Unit including Waste to Energy Plant for remaining waste at HMC
12	HOWRAH	Uluberia	32	120	32	92.78	120	0	LoA cum Work Order Issued
TOTAL			82	1031	61	298.96	1031	10.57	
13	KOLKATA	Kolkata MC	144	4236	144	1091.00	4236	550	500 MTD Plant in operation. Tender for remaining waste under process
14	MURSHIDABAD	Berhampore	28	100	18	77.00	100	0	Integrated Fresh Tender to be floated both for Legacy and Fresh Waste
15	MURSHIDABAD	Dhulian	21	38.23	4	6.01	38.23	0	Integrated Fresh Tender to be floated both for Legacy and Fresh Waste
16	MURSHIDABAD	Jangipur	21	48	9	19.90	48	0	To be processed through SHG/ HUB & Spoke Model

19 JAN 2024



West Bengal Pollution Control Board

Central Laboratory

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

Station: CENTRAL
HOWRAH-RESIDENTAIL
AREA

**River
Basin:** GANGA

CPCB Station Code: 1934

**Sample
Date:** 06/10/2023

**Sample
Time:** 15:20

**Human
Activities:** domestic

Weather: sunny

Water Body: Ground Water at
Howrah

**Frequency Of
Monitoring:** Halfyearly

**Use Based
Class:** A

**Approximate
Depth(Bottom/Table):** 0.00
m

Color & Intensity: Clear **Odour:** Odourless

**Visible effluent
discharge:** None

Water Quality		
Parameter	Test Result	Unit
Ammonia-N	BDL	mg/l
BOD	0.40	mg/l
Conductivity	2407.00	µs/cm
Fecal Coliform	<1.8	MPN/100ml
Nitrate-N	0.12	mg/l
pH	7.12	Unit
Temperature(Water)	27.0	°C
Total Coliform	<1.8	MPN/100ml
Boron	BDL	mg/l
Calcium	172.00	mg/l
Chloride	564.82	mg/l
COD	7.00	mg/l
Fluoride	0.49	mg/l
Magnesium	46.17	mg/l
Phenolphthalein Alkanity	NIL	mg/l
Phosphate-P	0.02	mg/l
Potassium	5.00	mg/l
Sodium	290.00	mg/l
Sulphate	18.27	mg/l
Total Alkalinity	420.00	mg/l
Total Dissolved Solids(TDS)	1566.00	mg/l
Total Fixed Solids(TFS)	1386.00	mg/l



19 JAN 2024

Total Hardness as CaCo3	620.00	mg/l
Total Suspended Solids(TSS)	70.00	mg/l
Turbidity	118.00	NTU
Arsenic	BDL	mg/l
Cadmium	BDL	mg/l
Chromium Total	BDL	mg/l
Copper	BDL	mg/l
Iron	9.54	mg/l
Lead	BDL	mg/l
Mercury	BDL	mg/l
Nickel	BDL	mg/l
Zinc	BDL	mg/l
a-BHC	BDL	ppb
a-Endosulphan	BDL	ppb
Aldrin	BDL	ppb
b-Endosulphan	BDL	ppb
Dieldrin	BDL	ppb
g-BHC	BDL	ppb
o,p-DDT	BDL	ppb
p,p-DDT	BDL	ppb



19 JAN 2024

West Bengal Pollution Control Board

Central Laboratory

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

Station: CENTRAL
HOWRAH-RESIDENTIAL
AREA

**River
Basin:** GANGA

CPCB Station Code: 1934

**Sample
Date:** 05/04/2023

**Sample
Time:** 13:55

**Human
Activities:** Drinking &
Domestic

Weather: Sunny

Water Body: Ground Water at
Howrah

**Frequency Of
Monitoring:** Halfyearly

**Use Based
Class:** A

**Approximate
Depth(Bottom/Table):** 0.00
m

Color & Intensity: Clear

Odour: Odour
free

**Visible effluent
discharge:** None

Water Quality		
Parameter	Test Result	Unit
Ammonia-N	BDL	mg/l
BOD	0.36	mg/l
Conductivity	2138.00	µs/cm
Fecal Coliform	<1.8	MPN/100ml
Nitrate-N	0.21	mg/l
pH	7.05	Unit
Temperature(Water)	34.0	°C
Total Coliform	<1.8	MPN/100ml
Boron	BDL	mg/l
Calcium	88.00	mg/l
Chloride	317.63	mg/l
COD	7.94	mg/l
Fluoride	0.59	mg/l
Magnesium	48.60	mg/l
Phenolphthalein Alkanity	NIL	mg/l
Phosphate-P	0.01	mg/l
Potassium	3.90	mg/l
Sodium	320.00	mg/l
Sulphate	18.10	mg/l
Total Alkalinity	750.00	mg/l
Total Dissolved Solids(TDS)	1354.00	mg/l

19 JAN 2024

Total Fixed Solids(TFS)	1322.00	mg/l
Total Hardness as CaCo3	420.00	mg/l
Total Suspended Solids(TSS)	56.00	mg/l
Turbidity	170.00	NTU
Arsenic	BDL	mg/l
Cadmium	BDL	mg/l
Chromium Total	BDL	mg/l
Copper	BDL	mg/l
Iron	2.35	mg/l
Lead	BDL	mg/l
Mercury	BDL	mg/l
Nickel	BDL	mg/l
Zinc	0.52	mg/l
a-BHC	BDL	ppb
a-Endosulphan	BDL	ppb
Aldrin	BDL	ppb
b-Endosulphan	BDL	ppb
Dieldrin	BDL	ppb
g-BHC	BDL	ppb
o,p-DDT	BDL	ppb
p,p-DDT	BDL	ppb



19 JAN 2024

West Bengal Pollution Control Board

Central Laboratory

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

Station: CENTRAL
HOWRAH-RESIDENTIAL
AREA

**River
Basin:** GANGA

CPCB Station Code: 1934

**Sample
Date:** 11/10/2022

**Sample
Time:** 13:30

**Human
Activities:** Drinking &
Domestic

Weather: Sunny

Water Body: Ground Water at
Howrah

**Frequency Of
Monitoring:** Halfyearly

**Use Based
Class:** A

**Approximate
Depth(Bottom/Table):** 0.00
m

Color & Intensity: Clear

Odour: Odour
free

**Visible effluent
discharge:** None

Water Quality

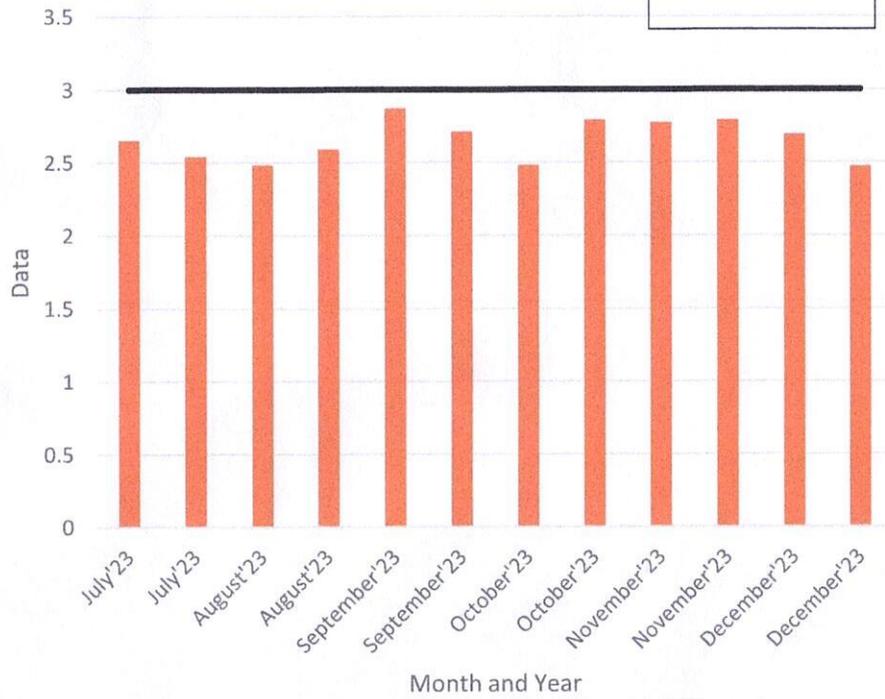
Parameter	Test Result	Unit
Ammonia-N	BDL	mg/l
BOD	0.70	mg/l
Conductivity	2637.67	µs/cm
Fecal Coliform	<1.8	MPN/100ml
Nitrate-N	0.29	mg/l
pH	7.30	Unit
Temperature(Water)	27.0	°C
Total Coliform	<1.8	MPN/100ml
Boron	BDL	mg/l
Calcium	156.00	mg/l
Chloride	599.81	mg/l
COD	7.00	mg/l
Fluoride	0.39	mg/l
Magnesium	51.03	mg/l
Phenolphthalein Alkanity	NIL	mg/l
Phosphate-P	0.11	mg/l
Potassium	4.80	mg/l
Sodium	300.00	mg/l
Sulphate	23.51	mg/l
Total Alkalinity	430.00	mg/l
Total Dissolved Solids(TDS)	1670.00	mg/l



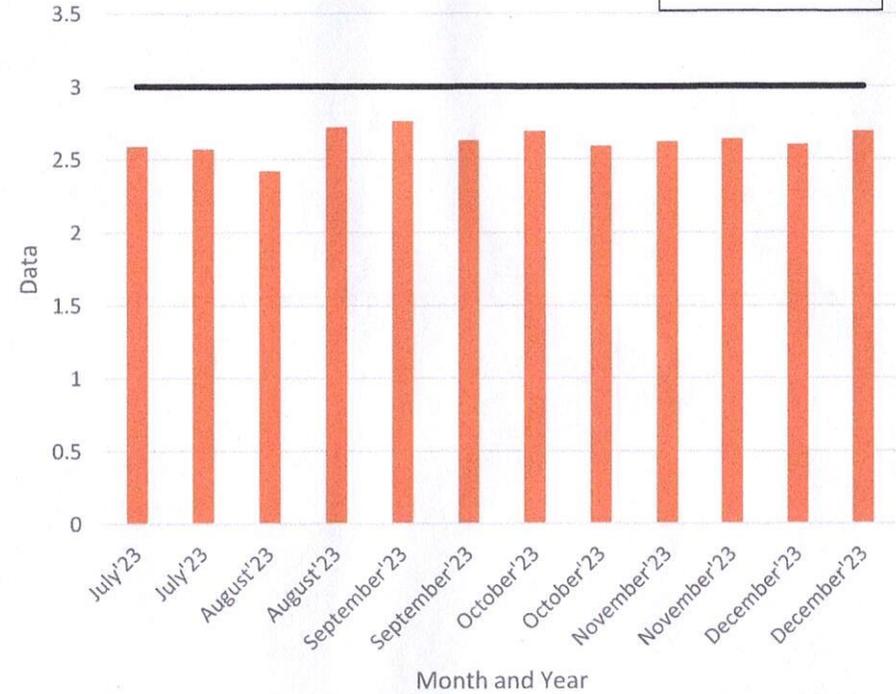
19 JAN 2024

District: Howrah

BOD (mg/l) Howrah-Shivpur



BOD (mg/l) Uluberia



19 JAN 2024

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32424 Legacy Waste Processing Status of Ganga Towns

District	ULB	No. of Dump sites	Area (in Acre)	Estimated Quantity of Legacy Waste (in MT)	Status/ Time of completion	Legacy Waste Processed	Acre reclaimed
TOTAL		6	67	242386	0	343366	9
HOWRAH	Howrah MC	1	21.99	9,61,567	Started/ March, 2025	92969	1.0
HOWRAH	Uluberia	2	6.50	28394.00	Completed	28394	6.5
TOTAL		3.00	28.49	989961.00	0.00	121363.00	7.50

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19 JAN 2024

Legacy Waste Processing Status of Ganga Towns

32425

SL. No.	District	ULB	No. of Dump sites	Area (In Acre)	Estimated Quantity of Legacy Waste (in MT)	Status	Legacy Waste Processed	Acre reclaimed
1	HOOGHLY	Chandannagore MC	1	4.94	2,15,916	Completed	214950	2.91
2	HOOGHLY	Hooghly Chinsurah	1	6.5	1,26,266	Completed	126266	6.00
3	HOOGHLY	Baidyabati	1	52.00	2,20,794	Started		
4	HOOGHLY	Champdany						
5	HOOGHLY	Rishra						
6	HOOGHLY	Serampore						
7	HOOGHLY	UttarparaKotrung						
8	HOOGHLY	Konnagar						
9	HOOGHLY	Bhadreswar	1	0.42	14,238	Started	2150	0.1
10	HOOGHLY	Bansberia	2	2.79	7354.00	Tender finalised		
TOTAL			6	67	242386	0	343366	9
11	HOWRAH	Howrah MC	1	21.99	9,61,567	Started	8230	1.0
12	HOWRAH	Uluberia	2	6.50	28394.00	Completed	28394	6.5
TOTAL			3.00	28.49	989961.00	0.00	36624.00	7.50
13	KOLKATA	Kolkata MC	2	79.00	4150000.00	Started	812000	18.00
14	MURSHIDABAD	Berhampore	1	2.16	1,23,981	Completed	150005	2.00
15	MURSHIDABAD	Dhulian	1	2.00	2068	Started	0	
16	MURSHIDABAD	Jangipur	1	0.28	3211.21	Completed	3200	0.28
17	MURSHIDABAD	Jiaganj-Azimganj	1	3.00	19,426	Completed	18024	3
18	MURSHIDABAD	Murshidabad	1	5.38	94,059	Completed	0	5.38
TOTAL			5	12.82	242745.21		171229	10.66
19	NADIA	Gayeshpur	2	5.00	12465.00	Completed	12465	5
20	NADIA	Kalyani	2	14.00	60543.00	Completed	55121.91	14
21	NADIA	Krishnanagar	1	8.00	51802	Completed	50942	8
22	NADIA	Nabadwip	1	12.35	83967	Completed	83967	12.35
23	NADIA	Santipur	1	4.55	22097	Completed	21873	4.55
24	NADIA	Chakdah	1	5.00	19426	Started		
TOTAL			8	48.897798	250300		224368.91	43.9



19 JAN 2024

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Construction and Demolition waste of Ganga Towns

District	Name of Ganga Town	Total per day generation of C & D Waste within the District (TPD)	The detail of plant established for the treatment of C & D Waste including the existing capacity and capacity utilization	Remarks, if any
Howrah	Howrah MC	45.59	0	
Howrah	Uluberia	10.85	0	

D



19 JAN 2024

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WEST BENGAL POLLUTION CONTROL BOARD
(Department of Environment, Govt. of West Bengal)

Howrah Regional Office
'Minority Bhawan', 5th Floor,
12, Biplabi Kanailal Bhattacharya Sarani,
Alipore, Kolkata - 700 027
☎: + 91 033 2202-3136

Website: www.wbpcb.gov.in, Email: net.wbpcb-wb@bangla.gov.in

Memo No. 02/01 -PCB/HOW/121-2006

Date: 03/01/2024

To
The Additional District Magistrate (LR & LA),
Howrah,
Office of the Special Land Acquisition (HIT)
District Level Building, Ground floor,
12, Nityadhan Mukherjee Road, Howrah-1

LAO (HIT)
↓

Sub: Report of industrial units who are discharging industrial effluent into the River Hooghly.

Ref: Your letter Memo No. 907/NGT/Howrah dt. 14/12/2023.

Sir,

With reference to above, I would like to inform you that there are 5 (five) nos. Identified Grossly Polluting Industries (GPI) of which one has presently closed down within Howrah District. The State Board monitors these units regularly.

Besides, as per record maintained by this office there are 840 (eight hundred forty) nos. Red categories industries and 1242 (one thousand two hundred forty two) nos. Orange categories industries in the District of Howrah. There is 01 (one) no. Common Effluent Treatment Plant (CETP) at Jems and Jewellery Park of WBIDC at Domjur. As advised by competent authority of the Board details of effluent and solid waste generated from GPIs units is enclosed. It may be kindly noted that Irrigation Department may be consulted for regulation of Flood Plain Zone.

With regards,

Bimalendu Mal
03/01/2024

Environmental Engineer & I/c
Howrah Regional Office
WBPCB

Enclos: As stated.



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05/01/24



19 JAN 2024

Details of Industrial Effluent & SW generation from Grossly Polluting Industries

Sl. No.	Name of Unit	Waste water Generated in KL	ETP	Analysis report	Solid waste generation (Total) and disposal
	(a)	(b)	(c)	(d)	(e)
1	M/s Krishna Tissues Pvt. Ltd.	365 KL (treated effluent)	ETP exists and treated effluent complied with environmental norms	Report enclosed	Coal Ash 900 MT/month- land filling ETP Sludge 44 MT/month – land filing Board Trimmings 370 MT/month – recycled in process
2	M/s Berger Paints India Ltd.	58.2 KL		Report enclosed	Rejected & packaging items 110 pc/month - recycled
3	M/s Pepsico India Holdings Pvt. Ltd.	1720 KL		Report enclosed	ETP/ STP/Biomethane sludge 770 MT/month – composting Waste potato, meals, peels etc.1410 MT/month - composting Food waste 9 MT/month- composting Rice husk ash 2100 MT/month – land filling Finished product waste (food waste) 500 MT/month - sold out for animal poultry feed Poly films/carton/ paper waste 116 MT/month – sold to registered recycling unit
4	M/s Madhubati Papers Pvt. Ltd.	148 KL		Report enclosed	ETP sludge 30 MT/month – land filling Ash 100 MT/month – land filling Plastic pins 75 MT/month – sent to registered recyclers
5	M/s GRD Paper Industries Pvt. Ltd.	Closed			



19 JAN 2024

Bimalendu Mal
03/01/2024
Environmental Engineer
Howrah Regional Office
W.B. Pollution Control Board



WEST BENGAL POLLUTION CONTROL BOARD



TC-6291

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

Report No: 484

TEST REPORT

Issue Date:28/11/2023

Sample Details	Industry (Effluent)	A.R.F No.	470/2023
Sample Received From	Howrah Regional Office	Sampling Date	10/10/2023
Test Material	ETP sample	Sample Received on	11/10/2023
Sampling Location	Final outlet of ETP/Panchayet drain	Total no of Sample	1
Height/Depth	NA	Period of Analysis	11/10/2023 to 24/11/2023
Sample Condition	Good	Climate Condition	NA
Name of Industry	MADHUBATI PAPERS PVT. LTD.	Address	City/Vill.-Uluberia, P.S.-Howrah, Dist.-Howrah, P.O.-Mahishrekha, PIN-711303
Sample Collected by	Nupur Sengupta		

Sl	Treated/Untreated	Collection Time	Sampling Details (Collection / Discharge)
1	Treated	1420	Final outlet of ETP to Panchayet drain

parameters	Result	Unit	LOD	Method
BOD(3days@27°C)	Not Done	mg/L	0.20 mg/L	CLWI/5.4/19 issue # 2 issue Date 13/02/2015 ,2015
COD	19.05	mg/L	6.00 mg/L	APHA 5220 B, 5220 D (23rd edition, 2017),USEPA Method 410.4, revision 2.0, August 1993
pH (Unit)	7.59	Units	4 Units	APHA 4500-H+ B (23rd edition, 2017)
TSS	44.00	mg/L	4 mg/L	APHA 2540 D (23rd edition, 2017)

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. 470/2023 Dated: 11/10/2023. 2) Results are reported based on preserved materials.

3) Sample will be destroyed after 2 months from the date of issue of the certificate unless otherwise specified. Sample will be preserved according to Standard Method

4) The Test Report shall not be reproduced except in full, without the written permission of the Laboratory.

The Parameter are under the scope of NABL accreditation ISO/IEC 17025:2017 Certificate No TC-6291 valid upto 30/03/2025.



Remarks:-

Authorised Signatory :

Koluy
Jr. Scientist
(Checked by)

AB
Scientist
(Verified by)

hshere
Chief. Scientist
(Issued by)

Copy To-

1. Chief Engineer – O & E, WBPCB
2. Chief Engineer, Planning / EIM Cell, WBPCB
3. Howrah Regional Office, WBPCB

End of Report

19 JAN 2024

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WBPCB

Howrah R. O.

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Diary No. 1713

Date: 13/12/2023



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: 482

TEST REPORT

Issue Date: 28/11/2023

Sample Details	Industry (Effluent)	A.R.F No.	468/2023
Sample Received From	Howrah Regional Office	Sampling Date	10/10/2023
Test Material	ETP & STP Sample	Sample Received on	11/10/2023
Sampling Location	Final outlet of ETP & STP/Panchayet drain	Total no of Sample	2
Height/Depth	NA	Period of Analysis	11/10/2023 to 24/11/2023
Sample Condition	Good	Climate Condition	NA
Name of Industry	PEPSICO INDIA HOLDINGS PVT. LTD. (FRITOLAY DIVISION)	Address	City/Vill.-Kanduah, P.S.-Sankrail (Howrah), Dist.-Howrah, P.O.-Dhulagarh, PIN-711302
Sample Collected by	Nupur Sengupta		

Sl	Treated/Untreated	Collection Time	Sampling Details (Collection / Discharge)	
1	Treated	1310	Final outlet of ETP/Panchayet Canal	
parameters	Result	Unit	LOD	Method
BOD(3days@27°C)	10.08	mg/L	0.20 mg/L	CL/WI/5.4/19 issue # 2 issue Date 13/02/2015 ,2015
COD	95.25	mg/L	6.00 mg/L	APHA 5220 B, 5220 D (23rd edition, 2017),USEPA Method 410.4, revision 2.0, August 1993
O&G	1.10	mg/L	1 mg/L	APHA 5520 B (23rd edition, 2017)
pH (Unit)	7.55	Units	4 Units	APHA 4500-H+ B (23rd edition, 2017)
TSS	64.00	mg/L	4 mg/L	APHA 2540 D (23rd edition, 2017)
2	Treated	1300	Final outlet of STP/Panchayet canal	
parameters	Result	Unit	LOD	Method
BOD(3days@27°C)	23.20	mg/L	0.20 mg/L	CL/WI/5.4/19 issue # 2 issue Date 13/02/2015 ,2015
pH (Unit)	7.46	Units	4 Units	APHA 4500-H+ B (23rd edition, 2017)
TSS	76.00	mg/L	4 mg/L	APHA 2540 D (23rd edition, 2017)

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. 468/2023 Dated: 11/10/2023. 2) Results are reported based on preserved materials.

3) Sample will be destroyed after 2 months from the date of issue of the certificate unless otherwise specified. Sample will be preserved according to Standard Method

4) The Test Report shall not be reproduced except in full, without the written permission of the Laboratory.

The Parameter are under the scope of NABL accreditation ISO/IEC 17025:2017 Certificate No TC-6291 valid upto 30/03/2025.

Remarks:-



Authorised Signatory :

Jr. Scientist
(Checked by)Scientist
(Verified by)Chief. Scientist
(Issued by)

Copy To-

- Chief Engineer – O & E, WBPCB
- Chief Engineer, Planning / EIM Cell, WBPCB
- Howrah Regional Office, WBPCB

End of Report

N.S. → P. sec. 12/12/23

19 JAN 2024

Page 1 of 1



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: 469

TEST REPORT

Issue Date:09/11/2023

Sample Details	Industry (Effluent)	A.R.F No.	453/2023
Sample Received From	Howrah Regional Office	Sampling Date	05/10/2023
Test Material	ETP sample	Sample Received on	06/10/2023
Sampling Location	Outlet of sedimentation tank & Final outlet	Total no of Sample	2
Height/Depth	NA	Period of Analysis	06/10/2023 to 07/11/2023
Sample Condition	Good	Climate Condition	NA
Name of Industry	KRISHNA TISSUES PRIVATE LIMITED	Address	City/Vill.-Howrah, P.S.-Bagnan, Dist.-Howrah, P.O.-Barunda, PIN-711303
Sample Collected by	Bhim Tikader		

sl	Treated/Untreated	Collection Time	Sampling Details (Collection / Discharge)	
1	Treated	1600	Outlet of Sedimentation tank/Premises drain	
parameters	Result	Unit	LOD	Method
BOD(3days@27°C)	Not Done	mg/L	0.20 mg/L	CL/WI/5.4/19 issue # 2 issue Date 13/02/2015 ,2015
COD	25.50	mg/L	6.00 mg/L	APHA 5220 B, 5220 D (23rd edition, 2017);USEPA Method 410.4,reviion 2.0,August 1993
O&G	1.10	mg/L	1 mg/L	APHA 5520 B (23rd edition, 2017)
pH (Unit)	7.18	Units	4 Units	APHA 4500-H+ B (23rd edition, 2017)
TSS	34.00	mg/L	4 mg/L	APHA 2540 D (23rd edition, 2017)
2	Treated	1620	Final outlet/Railway Borrowpit	
parameters	Result	Unit	LOD	Method
BOD(3days@27°C)	Not Done	mg/L	0.20 mg/L	CL/WI/5.4/19 issue # 2 issue Date 13/02/2015 ,2015
COD	22.44	mg/L	6.00 mg/L	APHA 5220 B, 5220 D (23rd edition, 2017);USEPA Method 410.4,reviion 2.0,August 1993
O&G	BDL	mg/L	1 mg/L	APHA 5520 B (23rd edition, 2017)
pH (Unit)	7.37	Units	4 Units	APHA 4500-H+ B (23rd edition, 2017)
TSS	30.00	mg/L	4 mg/L	APHA 2540 D (23rd edition, 2017)

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. 453/2023 Dated: 06/10/2023. 2) Results are reported based on preserved materials.

3) Sample will be destroyed after 2 months from the date of issue of the certificate unless otherwise specified. Sample will be preserved according to Standard Method

4) The Test Report shall not be reproduced except in full, without the written permission of the Laboratory.

The Parameter are under the scope of NABL accreditation ISO/IEC 17025:2017 Certificate No TC-6291 valid upto 30/03/2025.

Remarks:-

Regd. 7/94

Authorised Signatory :

Jr. Scientist
(Checked by)Scientist
(Verified by)Chief. Scientist
(Issued by)

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1. Chief Engineer – O & E, WBPCB
2. Chief Engineer, Planning / EIM Cell, WBPCB
3. Howrah Regional Office ,WBPCB

End of Report

19 JAN 2024

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WBPCB

Howrah R. O.

Content Not Verified

Diary No. 1715

Date 13/12/2023



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: 485

TEST REPORT

Issue Date: 28/11/2023

Sample Details	Industry (Effluent)	A.R.F No.	471/2023
Sample Received From	Howrah Regional Office	Sampling Date	10/10/2023
Test Material	ETP sample	Sample Received on	11/10/2023
Sampling Location	ETP outlet to drain	Total no of Sample	1
Height/Depth	NA	Period of Analysis	11/10/2023 to 24/11/2023
Sample Condition	Good	Climate Condition	NA
Name of Industry	BERGER PAINTS INDIA LIMITED	Address	City/Vill.-Howrah, P.S.-Shibpur, Dist.-Howrah, P.O.-Botanic Garden, PIN-711103
Sample Collected by	Jayati Mitra		

Sl	Treated/Untreated	Collection Time	Sampling Details (Collection / Discharge)
1	Treated	1640	ETP outlet to drain

parameters	Result	Unit	LOD	Method
BOD(3days@27°C)	4.76	mg/L	0.20 mg/L	CL/WI/5.4/19 issue # 2 issue Date 13/02/2015 ,2015
Chromium (6+)	BDL	mg/L	0.10 mg/L	APHA 3500-Cr B (23rd edition, 2017)
COD	38.10	mg/L	6.00 mg/L	APHA 5220 B, 5220 D (23rd edition, 2017), USEPA Method 410.4, revision 2.0, August 1993
Copper	BDL	mg/L	0.11 mg/L	APHA 3030 E, 3030 K & 3111B (23rd edition, 2017)
Lead	BDL	mg/L	0.25 mg/L	APHA 3030 E, 3030 K & 3111B (23rd edition, 2017)
Nickel	BDL	mg/L	0.35 mg/L	APHA 3030 E, 3030 K & 3111B (23rd edition, 2017)
O&G	BDL	mg/L	1 mg/L	APHA 5520 B (23rd edition, 2017)
Phenols	NT	mg/L	0.20 mg/L	APHA 5530 B, 5530 D (23rd edition, 2017)
pH (Unit)	8.16	Units	4 Units	APHA 4500-H+ B (23rd edition, 2017)
Total Chromium	BDL	mg/L	0.35 mg/L	APHA 3030 E, 3030 K & 3111B (23rd edition, 2017)
TSS	64.00	mg/L	4 mg/L	APHA 2540 D (23rd edition, 2017)
Zinc	0.12	mg/L	0.08 mg/L	APHA 3030 E, 3030 K & 3111B (23rd edition, 2017)

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

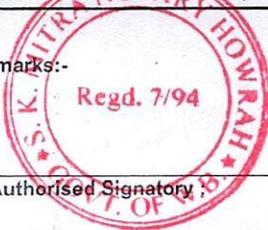
1) For Sampling details pl. refer to A.R.F No. 471/2023 Dated: 11/10/2023. 2) Results are reported based on preserved materials.

3) Sample will be destroyed after 2 months from the date of issue of the certificate unless otherwise specified. Sample will be preserved according to Standard Method

4) The Test Report shall not be reproduced except in full, without the written permission of the Laboratory.

The Parameter are under the scope of NABL accreditation ISO/IEC 17025:2017 Certificate No TC-6291 valid upto 30/03/2025.

Remarks:-



Authorised Signatory

Jr. Scientist
(Checked by)

Scientist
(Verified by)

Chief. Scientist
(Issued by)

Copy To-

- Chief Engineer - O & E, WBPCB
- Chief Engineer, Planning / EIM Cell, WBPCB
- Howrah Regional Office, WBPCB

End of Report

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19 JAN 2024



WEST BENGAL POLLUTION CONTROL BOARD

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

32433
WBPCB
Howrah R. O.
Content Not Verified
Diary No. 13
Date... 16.10.2023

Report No: 328

TEST REPORT

Issue Date:20/09/2023

Sample Details	Industry (Effluent)	A.R.F No.	304/2023
Sample Received From	Howrah Regional Office	Sampling Date	04/08/2023
Test Material	CETP & CSTP Sample	Sample Received on	07/08/2023
Sampling Location	Outlet of CETP & Outlet of CSTP	Total no of Sample	2
Height/Depth	NA	Period of Analysis	07/08/2023 to 19/09/2023
Sample Condition	Good	Climate Condition	NA
Name of Industry	WEST BENGAL INDUSTRIAL DEVELOPMENT CORPORATION LIMITED	Address	City/Vill.-Howrah, P.S.-Domjur, Dist.-Howrah, P.O.-Salap, PIN-711409
Sample Collected by	Bhim Tikader, Jayati Mitra		

Sl	Treated/Untreated	Collection Time	Sampling Details (Collection / Discharge)
1	Treated	1450	CETP outlet/Premises drain to Panchayet drain

parameters	Result	Unit	LOD	Method
Chromium (3+)	BDL	mg/l	0.0	By Calculation
FDS	436.00	mg/L	--	APHA 2540 E (23rd edition, 2017)
Total Kjeldahl Nitrogen	**	mg/L	0.5 mg/L	APHA 4500-Norg B, 4500-NH3 C, 4500-NH3 D (23rd edition, 2017), DIN EN ISO 11905-1:2017

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. 304/2023 Dated: 07/08/2023. 2) Results are reported based on preserved materials.
 3) Sample will be destroyed after 2 months from the date of issue of the certificate unless otherwise specified. Sample will be preserved according to Standard Method
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Remarks:- ** Facility is not available.

Authorised Signatory :

Jr. Scientist
(Checked by)

Scientist
(Verified by)

Chief. Scientist
(Issued by)

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19 JAN 2024