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T. C. S. D. S.  
A. B. S. S.BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL  
EASTERN ZONE BENCH, KOLKATA

IN

OA. No. 75/2023/EZ

IN THE MATTER OF  
Ankur Sharma

... APPLICANT

VERSUS

State of West Bengal &amp; Ors.

... RESPONDENTS

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**Mrinal Kanti Biswas**  
Regional Director & Scientist E,  
CPCB, Kolkata

Filed through

Counsel

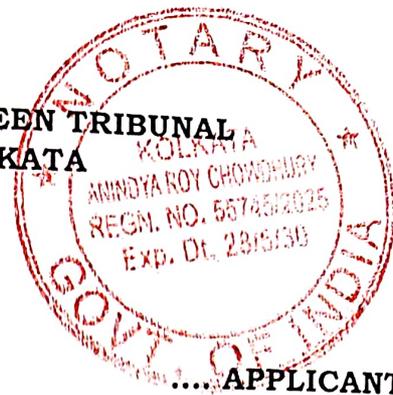
Dated: \_\_\_\_, 2026

Place: Kolkata

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL  
EASTERN ZONE BENCH, KOLKATA

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OA. No. 75/2023/EZ



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**REPLY ON BEHALF OF RESPONDENT NO. 3 i.e., CENTRAL POLLUTION CONTROL BOARD**

1. That the Hon'ble National Green Tribunal, Eastern Zone Bench, Kolkata (hereinafter referred to as the "Hon'ble NGT (EZ)") vide order dated 22.01.2026 in Original Application (hereinafter referred to as "OA") No. 75 of 2023 (EZ), has directed Central Pollution Control Board (hereinafter referred to as "CPCB") to file response in the instant matter. Thereby, the reply is made in this instant OA in succeeding paragraphs.
2. That at the outset, the Answering Respondent denies all claims, contentions, allegations and averments against Answering Respondent, CPCB in the above OA contrary to anything stated or submitted in this reply. Nothing in the OA may be deemed to have been accepted or admitted by the Answering Respondent for want of a specific denial or on the ground of non-traverse, save any averments which has been expressly admitted hereinafter.
3. That CPCB is constituted under the Water (Prevention and Control of Pollution) Act, 1974 (hereinafter referred to as "the Water Act, 1974"). It performs the functions under the Water Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981 (hereinafter referred to as "the Air Act, 1981") and the Environment (Protection) Act, 1986 (hereinafter referred to as "the E(P) Act, 1986").
4. That the State Pollution Control Boards (hereinafter referred to as "SPCBs") and Pollution Control Committees (hereinafter referred to as "PCCs") have been constituted in States/Union Territories under the Water Act, 1974 and the Air Act, 1981 and are empowered to implement the

provisions of these Acts in respect of territories falling in their respective Territorial Jurisdictions.

5. That the instant case is related to allegations of gross pollution and environmental damage in the River Hooghly at Sarenga through Barjola Canal, also known as Sarenga Canal, owned by Department of Irrigation and Waterways, Government of West Bengal. It is alleged that the river is polluting due to draining of toxic effluents into the river by hundreds of industrial units located at Jalan Industrial Complex (Jangalpur, P.O.-Begri under Domjur Police Station), Sankrail Industrial Park (Village & P.O.-Dhulagari under Sankrail Police Station), and Poly Park (Village & P.O.-Dhulagari under Sankrail Police Station).
6. That the Hon'ble NGT (EZ) vide order dated 12.07.2023 in the instant OA has constituted a committee to "*...visit the site and carry out inspection of the entire stretch of the Barjola/Sarenga Canal particularly in light of the allegations made in the Original Application and submit its report along with suggestions for remedial measures*". CPCB is one of the committee members and is also impleaded as respondent no 03 in the instant matter. In pursuance of the said order the committee carried out inspection on 31.08.2023 of entire stretch of the Barjola/Sarenga canal, collected water samples from 06 locations at the said stretch and submitted inspection report (**Annexure -I**) before Hon'ble NGT on 11.09.2023 through nodal agency i.e. District Magistrate Howrah and submitted the final report with analysis results (**Annexure -II**) on **4.10.2023**.
7. That the Hon'ble NGT (EZ) vide order dated 14.08.2024 in the instant OA Directed in Para 5 "*...direct the Committee, constituted by the Tribunal, to revisit the site and file a fresh Inspection Report along with the colour photographs.*" In pursuance of the said order, the committee revisited the site on 11.09.2024 and carried out a fresh inspection of the entire stretch of the Barjola/ Sarenga Canal. Again, 06 numbers of water samples were collected by West Bengal Pollution Control Board from Barjola/Sarenga irrigation canal. It was reported that the canal water quality shows significant improvement in terms of physical appearance and chemical characteristics compared to 2023. The joint committee report was submitted through nodal agency i.e. District Magistrate Howrah on 30.09.2024 (**Annexure III**). Upon submission of the aforesaid Joint Committee Report, the matter remained *sub judice* before the Hon'ble NGT, and after taking the same into consideration, the Hon'ble NGT, vide order

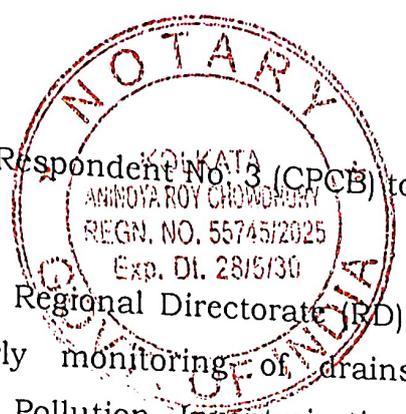


dated 10.09.2025, has been pleased to direct Respondent No. 3 (CPCB) to file its reply affidavit.

8. That, it is respectfully submitted that CPCB, Regional Directorate (RD), Kolkata, has been undertaking half-yearly monitoring of drains discharging into River Ganga under the Pollution Inventorization, Assessment and Surveillance (PIAS) Programme of the River Ganga Basin implemented under the Namami Gange Programme, in coordination with the West Bengal Pollution Control Board (WBPCB) and other concerned State agencies. Under the said programme, Barjola Canal, also known as Sarenga Khal, which outfalls into River Ganga/Hooghly at Bazarpara, Garighat (Latitude: 22.521185° N; Longitude: 88.206792° E), is being monitored on a half-yearly basis during the Pre-Monsoon (PEM) and Post-Monsoon (POM) seasons at its confluence point. The monitoring is carried out jointly by CPCB and WBPCB. The detailed physico-chemical, microbiological and heavy metal analytical results for the period 2024–2025 are annexed hereto and marked as **Annexure IV**.

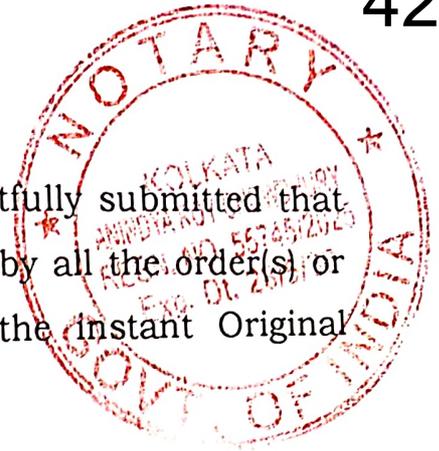
- Assessment of the monitoring data indicates that the instantaneous flow of the canal ranged from 131 MLD (PEM 2025) to 462.85 MLD (POM 2024), reflecting substantial seasonal variability affecting dilution and pollutant load. The BOD concentration measured is 47 mg/L (2024 POM) and 112 mg/L (2025 PEM), while COD is 107 mg/L (2024 POM) and 172 mg/L (2025 PEM).
- Total dissolved solids measured are 2408 mg/L (2024 POM) and 2957 mg/L (2025 PEM) and chloride is 1094 mg/L (2024 POM) and 1586 mg/L (2025 PEM), indicating a significant dissolved load possibly attributable to anthropogenic inputs.
- Heavy metal analysis shows iron concentration is 143 mg/l (2024 POM) and 242 mg/L (2025 PEM), along with detectable levels of chromium, manganese, nickel and zinc.

Based on the above Physico- chemical, microbiological and heavy metal assessment, the monitoring data indicate that Barjola Canal/Sarenga Khal receives a combination of untreated or partially treated domestic sewage and intermittent industrial effluent inputs. The Observation made during the post-monsoon 2024 period were communicated to WBPCB vide letter dated 11.08.2025 (**Annexure-V**) to take coordinated action with concerned agencies. The action taken report in compliance of CPCB observations from WBPCB is awaited.





9. That in light of the above submissions, it is respectfully submitted that this Answering Respondent i.e., CPCB, shall abide by all the order(s) or direction(s) passed by this Hon'ble Tribunal in the instant Original Application.



**Mrinal Kanti Biswas**  
Regional Director & Scientist 'E'  
CPCB, Kolkata

BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL  
EASTERN ZONE BENCH, KOLKATA

IN

OA. No. 75/2023/EZ

IN THE MATTER OF

Ankur Sharma

.... APPLICANT

VERSUS

State of West Bengal & Ors.

.... RESPONDENTS

**AFFIDAVIT**

I, Mrinal Kanti Biswas, S/o Saroj Kumar Biswas aged about 44 years, having office at the Regional Directorate, Central Pollution Control Board, Southend Conclave' Block No.502, 5th& 6th Floor, 1582, Rajdanga Main Road, Kolkata-700107, do hereby solemnly affirm and sincerely state as follows: -

1. That the deponent is authorized representative to represent the Respondent CPCB in the present case, and as such, I am well conversant with the facts and circumstances of the present case on the basis of the information derived from the official records, and hence, I am competent and authorized to verify, sign and swear this affidavit on behalf of the Respondent CPCB.
2. That the accompanying reply may be read part and parcel of the present affidavit as I am competent to swear this affidavit.
3. That the accompanying reply has been drafted and filed under my instructions and authority the contents thereof are true and correct on the basis of the record maintained during ordinary course of business of CPCB and available records and documents and the contents of the same are read over and explained to me and are not repeated herein for the sake of brevity.

20 MAR 2026

Identified by me



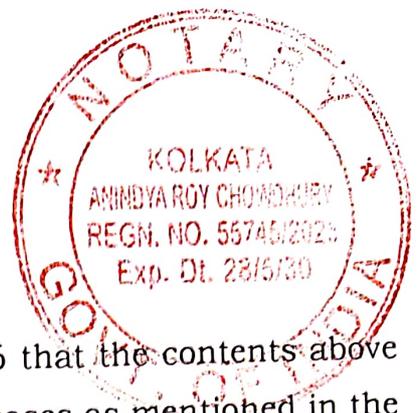
Advocate

Solemnly Affirm & Declared Before  
me on Identification of Ld. Advocate

  
DEPONENT

  
ANINDYA ROY CHOWDHURY  
NOTARY GOVT. OF INDIA  
REGN. NO. 55749/25  
CJM Court, Kolkata, WB





**VERIFICATION**

Verified at Kolkata on this day of \_\_\_\_\_ 2026 that the contents above are correct and true on the basis of the record of the cases as mentioned in the day-to-day affairs of the CPCB. Nothing has been concealed therefrom or mis-stated.

Verified at Kolkata on this the... Day of \_\_\_\_\_ 2026.

**Identified by me**

**Advocate**

**DEPONENT**



**Report in the matter of Original Application No. 75/2023/EZ. ( Ankur Sharma Vs The State of West Bengal & Ors.) vide Hon'ble NGT order (Eastern Zone Bench, Kolkata ) dated 12.07.2023.**

The Hon'ble National Green Tribunal, Eastern Zone Bench constituted a Committee comprising Senior Scientist, WBPCB, Senior Scientist, CPCB, District Magistrate, Howrah or his nominee not below the rank of Additional District Magistrate, Howrah, Senior Engineer, Department of Irrigation and Waterways, Government of West Bengal and Senior Engineer, State Water Investigation Directorate (SWID), West Bengal in the matter. The District Magistrate, Howrah has been directed to act as the nodal agency for all logistic purposes.

Pursuant to the order of the Hon'ble NGT, the Committee comprising the following members was constituted as per nominations received from the participating departments/ offices.

1. Sri Gurupada Patra, Superintending Engineer, Western Circle-I, Irrigation and Waterways Department, Government of West Bengal.
2. Sri Azar Zia, Additional District Magistrate (Dev.), Howrah
3. Sri Abhijit Pathak, Senior Scientist, CPCB.
4. Dr. Bijan Bhaumik, Scientist, WBPCB
5. Sri Sajal Kumar Das, Executive Engineer (AI), SWID, Government Of West Bengal.
6. Sri Bhim Tikader, Asst. Environmental Engineer, Howrah Regional Office, WBPCB.

The following members were also co-opted as Technical Experts vide order of the District Magistrate, Howrah.

1. The Executive Engineer-I, Lower Damodar Construction Division, I & WD, Howrah.
2. The Asst. Engineer & SDO Irrigation, Howrah Drainage Sub-Division, I & WD, Howrah.

Accordingly, the Committee visited the site on 31.08.2023 and carried out a preliminary inspection of the entire stretch of the Barjola/ Sarenga Canal, accompanied by the Deputy District Land & Land Reforms Officer (Dy. DLLRO) and Officer-in-Charge, Environment, Howrah, the General Manager, DIC, Howrah, the Geologist, SWID, Howrah, the Block Development Officer (BDO), Sankrail, Howrah and Block Land & Land Reforms Officer (BLLRO), Sankrail, Howrah.

The preliminary observations and findings of the Committee are as follows:

- 1) The length of the Barjola Canal is about 10.35 km. and it acts not only as a drainage channel carrying surface run-off from several villages and effluents from various industrial areas of Domjur and Sankrail Blocks, but also acts as a major source of water for irrigation of agricultural fields within its command area. It finally drains into the Hooghly river near Sarenga. A four vented controlled sluice gate at the confluence of the Hooghly river regulates the flow of water into and out of the canal which allows water to be stored for irrigation purposes during high tides.
- 2) Presently the Barjola/Sarenga canal is a combined drainage system carrying industrial effluents from Jalan Industrial Complex, Sankrail Industrial Park, Poly Park and Abada-Ghoraghat area as well as



domestic discharges. At downstream locations, the Barjola Canal receives the discharge from three main sub-canals which receive surface run-off and industrial effluents from major industrial units located in the Sankrail area (Course of drainage system in Google Earth map is attached)

- a) **Alampur Drain:** It is an existing natural drainage system having length of about 2.18 km originating from Andul Road passing through Jalan Industrial Complex and finally discharging into the Barjola Canal near Bharat hotel. This drain carries both surface run-off and effluent of adjoining industrial areas.
  - b) **Sandhipur Canal:** The Canal having length about 2.00 km. originates near Sandhipur Bus stand near NH-6 and flows through the Food Park, Poly Park and Sankrail Industrial Park in Sankrail Block. It ultimately discharges all its effluents into the Barjola Canal near Sonar Bangla Motel at Dhulagarh in Sankrail Block.
  - c) **Bhabanandapur Canal:** This canal having length of about 4.72 km originating behind the M.J. Industrial Park carries storm water as well as effluents of various industries like M.J. Industrial Park, ITC Limited, Jindal India Limited and adjacent village areas of Panchla Block and ultimately discharges all its effluents into Barjola Canal near Abada Railway Station.
- 3) Considering the drainage topography and the major confluence points wherein the discharges from various sub-canals carrying the industrial effluents drain out into the Barjola Canal, the Committee decided to focus on a few important points along the stretch of the canal for detailed observations and analysis of water quality to assess the toxic load of the industrial effluents. Thus, a total of six (6) water samples were collected by WBPCB officials from the Barjola/Sarenga canal and major drains joining the canal from locations as follows:

Sl. No.	Sampling location	Coordinates
1.	Barjola canal @ upstream of Jalan Industrial Complex	N 22.593628° E 88.213318°
2.	Drain from Jalan Industrial Complex	N 22.593518° E 88.213005°
3.	Barjola canal @ Sonar Bangla Resort, NH-6	N 22.573865° E 88.187900°
4.	Sandhipur canal @ Sankrail Industrial Park	N 22.567142° E 88.190035°
5.	Barjola canal @ Abada - Ghoraghat	N 22.544096° E 88.198902°
6.	Barjola canal @ Sarenga before confluence with Hooghly	N 22.521290° E 88.206867°

- 4) The water samples collected by the WBPCB have been sent for laboratory analysis to determine the constituents of pollutants discharged into the canal which may help identify the nature of polluting industries. The results of the water quality assessment are still awaited as of the date of submission of this report and is expected to take another week or so. Nevertheless, the physical observations at these locations are summarised below:
- a) The portion of Barjola/Sarenga Canal flowing downstream out of the Jalan Industrial Complex was visibly black in colour and the presence of oil/slimy layer with reddish brown coloured froth could be observed, which may have been discharged by industrial units.
  - b) A drain flowing downstream through the Jalan Industrial Complex was discharging effluents into the Barjola canal having brown colour wastewater with brown sludge deposition on the

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- banks of the canal, from what appeared to be effluent discharged from galvanising /surface treatment industries having acid pickling.
- c) The section of Barjola canal near Sonar Bangla Motel was observed to be black in colour with oil floating on wastewater.
  - d) Sandhipur canal, which traverses through the Sankrail Industrial Park (SIP) carrying effluents from there finally meets Barjola canal near Poly Park.
  - e) Further, the Ghoraghat village was surveyed, but no spillage of toxic water from the canal into the nearby village areas and fields could be observed as alleged in the complaint. The watermark observed at the topmost level suggested that even at the highest tidal water level, the chances of spill-over into adjacent areas were negligible. However, local people had complaints about the quality of water (colour and smell) being extracted through hand-pumps, which may be due to subsurface water contamination.
  - f) Finally, the team visited the confluence point of Barjola canal with river Hooghly near Bazarpara, where the mixing of tidal water with the canal water could be observed. The spring high tide on the day of the visit (day after full moon) may have diluted the sample.
- 5) After the visit, the Committee convened a joint coordination meeting with all relevant stakeholders for deliberating on the action points evolved out of the preliminary observations during the site visit on 31.08.23 and any actions already initiated by the respective competent authorities prior to that visit. A brief summary of the deliberations and actions already initiated is as follows:
- a) The Executive Engineer-I, Lower Damodar Construction Division, I & WD, Howrah informed the Committee that certain remedial measures have already been initiated and continued steps are being taken for improvement of the Barjola Canal. Among these measures, the notable ones are:
    - i) Cleaning of water hyacinth from the canal as part of annual maintenance activities at an expenditure of about Rs. 7.5 lakhs.
    - ii) Scheme for improvement of Sandhipur Canal by resectioning and bank strengthening for a length of 2.0 km from Sandhipur Bus stand (near NH6) to outfall point of Barjola Khal (near Sonar Bangla Motel), amounting to about Rs. 68 lakhs, for improvement of discharge capacity of the canal and avoid any water congestion problem in that drainage system as well as water logging problem in the adjacent industrial and village areas, has been completed recently.
    - iii) DPR for Improvement of Bhabanandapur Khal for a length of 3.794 km and its two nos branch Channel for a length of 0.926 km from back side of M.J.Industrial Park to its outfall point into Barjola Canal near Abada Railway bridge and Barjola Canal for a length of 0.600 km from out fall point of Bhabanandapur Khal to its downstream by re-sectioning and bank strengthening to overcome drainage congestion within M.J. Industrial Park, ITC Limited Jindal India Limited and other Industrial Parks in Block &



P.S. -Panchla and Sankrail , Dist.-Howrah. amounting to about Rs. 3 Crores, has been prepared and submitted to the Department for approval.

- iv) DPR for Improvement of Barjola Khal by resectioning for a length of 2.40 KM from outfall point of Barjola Khal into Hooghly river near Ghoraghat concrete Bridge in Sankrail, amounting to Rs. 2.47 Crores, has been prepared and submitted to the Department for approval.
  - v) DPR for De-siltation of Barjola Khal for a length 7.35 K.M, starting from Jangalpur Village (Ch. 10.35 KM) to Abada rail Bridge, (Ch. 3.00 KM), Sankrail, amounting to about Rs. 7.07 Crores, has been prepared and submitted to the Department for approval.
- b) WBPCB officials informed that several inspections of Seriously Polluting Industrial units such as metal surface treatment units, electroplating, galvanising, coal-tar distillation, chemical industries, dyeing / bleaching units etc. from Jalan Industrial Complex, Sankrail Industrial Park, Poly Park and others have already been initiated throughout the months of July-August. Subsequent to the order of the Hon'ble NGT, advisory notices have been issued to the concerned Industry Associations for necessary environmental compliance and remedial measures for effluent treatment wherever necessary. Further actions will be initiated post-inspection in the coming weeks.
  - c) The Executive Engineer (AI), SWID, reported that in the concerned area, approximately 62 industrial units have already obtained requisite Permit for ground water extraction from the competent authority at Jaladhulagori, Bhagabatipur, Sandhipur, Jangalpur, Kandua, Baniara, Biprannapara, Amre, Sankharidaha and Rajapur mouzas under Sankrail and Domjur Blocks. In the said Jalan Industrial Complex, since the end July, almost 18 inspections have already been conducted by the Geologist & Member Secretary, DLA Howrah in different industrial units operating without Permit for Ground Water extraction from the competent authority. Accordingly, notices have been issued to the violating industrial units and requisite penalties have been imposed. More inspections will be carried out in the coming weeks and necessary actions will be initiated accordingly.
  - d) The Committee directed the General Manager, DIC, Howrah, to convene an urgent meeting with the respective Industry Associations to create awareness about pollution abatement measures and conduct intensive IEC activities within their industrial areas (The meeting was subsequently conducted and report is enclosed).
  - e) The BDO, Domjur and Sankrail informed that more than 100 grey water management units (DEWATS and soak pit technologies) have been established in Gram Panchayats situated along the Barjola canal -- namely, Begri and Kolora-II GPs under Domjur block, and Andul, Dhulagarh, Kandua, Sankrail, Dakshin Sankrail and Sarenga GPs under Sankrail block, for treatment of household waste water. Further, awareness drives of plastic waste management have also been taken up in the past. The Block Development Officers, Sankrail and Domjur, were directed to undertake cleanliness and awareness drives through Gram Panchayats in the vicinity of the canal areas.



- f) It was decided that the Committee will form three Inter-Departmental Sub-Committees for inspection of industrial units at Jalan Industrial Park, Sankrail Industrial Park and Poly Park, for compliance of environmental norms, primarily related to effluent treatment. Since there are hundreds of different factory/workshop units in these industrial parks, the Committee resolved to identify the violating units from among the Seriously Polluting Industries (SPI) as per the classification of the CPCB, in the first stage. The scope of inspections will thereafter be expanded in a staggered manner.
- 6) Based on the resolutions taken in the previous meeting, the GM, DIC, Howrah and BDO Sankrail and Domjur have submitted compliance reports. The inspection of some SPI units have already been initiated by WBPCB in the months of July and August. The remaining units are scheduled to be inspected by the Sub-Committees from 14.09.23 onwards as it is expected that the sample test reports from the site visit shall be received by then.

The process of issuance of notices, inspection and identification of violating industrial units has already been initiated by the respective departmental authorities constituting the Committee. However, given the large number of industrial units involved and the lead time of approximately 2-3 weeks for analysis of individual effluent samples, the Committee prays for 6 (six) weeks time extension to complete the process.

SE, Western Circle-I, I&WD

ADM (Dev), Howrah

Senior Scientist, CPCB

AEE, Howrah RO, WBPCB.

EE (AI), SWID

Scientist, WBPCB



GOVERNMENT OF WEST BENGAL  
OFFICE OF THE DISTRICT MAGISTRATE, HOWRAH.

**NOTICE**

The Hon'ble National Green Tribunal in connection with O.A. No. 75/2023/EZ in the matter of Ankur Sharma vs The State of West Bengal & ors. on 12.07.2023 was pleased to constitute a committee to examine the visit and inspect the site as mentioned in the instant order.

In this connection such inspection of the constituted committee will be held on **31.08.2023 at 12:30 p.m.** at the site as mentioned in the instant order.

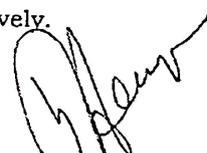
The Committee comprises of the following members:

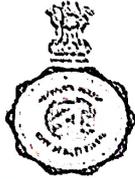
1. Dr. Bijan Bhaumik, Scientist, WBPCB.
2. Mr. Abhijit Pathak, Scientist (D), Central Pollution Control Board.
3. Sri Gurupada Patra, Superintending Engineer, Department of Irrigation & Waterways, Govt. Of W.B.
4. Additional District Magistrate (D), Howrah, Representative of District Magistrate, Howrah vide order of the District Magistrate, Howrah
5. Sri Sajal Kumar Das, Executive Engineer, SWID, Govt. Of W.B.
6. Sri Bhim Thikadar, Asst. Environmental Engineer, Howrah Circle, WBPCB.

Co-opted Members as Technical Expert vide order of the District Magistrate, Howrah

1. The Executive Engineer-I, Lower Damodar Construction Division, Howrah.
2. The Asst. Engineer & SDO Irrigation, LDC Division, Howrah

All concerned are therefore requested to be present positively.

  
District Magistrate  
Howrah



GOVERNMENT OF WEST BENGAL  
Office of the District Magistrate, Howrah

Memo No. NGT/06/2023/ ~~2670~~ /LR

Date: 22.08.2023

ORDER

With reference to the order of the Hon'ble National Green Tribunal, Kolkata dt.12.07.2023 in OA 75/2023/EZ, Sri. Azar Zia, I.A.S., Additional District Magistrate (Development) is hereby nominated for the committee as formed by the Hon'ble National Green Tribunal on behalf of the undersigned.

  
District Magistrate,  
Howrah.

Memo No. NGT/06/2023/ ~~2670(B)~~ /LR

Date: 22.08.2023

Copy forwarded for information & taking necessary action to:

1. The Additional District Magistrate (D), Howrah.
2. Dr. Bijan Bhaumik, Scientist, WBPCB.
3. Mr. Abhijit Pathak, Scientist (D), Central Pollution Control Board.
4. Sri Gurupada Patra, Superintending Engineer, Department of Irrigation & Waterways, Govt. Of W.B
5. Sri Bhim Thikadar, Asst. Environmental Engineer, Howrah Circle, WBPCB.
6. Sri Sajal Kumar Das, Executive Engineer, SWID, Govt. Of W.B.
7. The Executive Engineer-I, Lower Damodar Construction Division, Howrah.
8. The Asst. Engineer & SDO Irrigation, Lower Damodar Construction Division, Howrah

  
District Magistrate,  
Howrah.



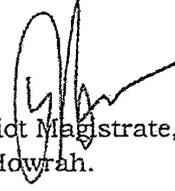
GOVERNMENT OF WEST BENGAL  
Office of the District Magistrate, Howrah

Memo No. NGT/06/2023/2691 /LR

Date:22.08.2023

ORDER

With reference to the order of the Hon'ble National Green Tribunal, Kolkata dt.12.07.2023 in OA 75/2023/EZ, Executive Engineer-I, Lower Damodar Construction Division, Howrah and Assistant Engineer & SDO Irrigation, Lower Damodar Construction Division, Howrah are hereby co-opted as members in the committee formed by the Hon'ble National Green Tribunal.

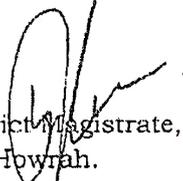
  
District Magistrate,  
Howrah.

Memo No. NGT/06/2023/2691(2)/LR

Date: 22.08.2023

Copy forwarded for information & taking necessary action to:

1. The Additional District Magistrate (D), Howrah.
2. Dr. Bijan Bhaumik, Scientist, WBPCB.
3. Mr. Abhijit Pathak, Scientist (D), Central Pollution Control Board.
4. Sri Gurupada Patra, Superintending Engineer, Department of Irrigation & Waterways, Govt. Of W.B
5. Sri Bhim Thikadar, Asst. Environmental Engineer, Howrah Circle, WBPCB.
6. Sri Sajal Kumar Das, Executive Engineer, SWID, Govt. Of W.B.
7. The Executive Engineer-I, Lower Damodar Construction Division, Howrah.
8. The Asst. Engineer & SDO Irrigation, Lower Damodar Construction Division, Howrah

  
District Magistrate,  
Howrah.



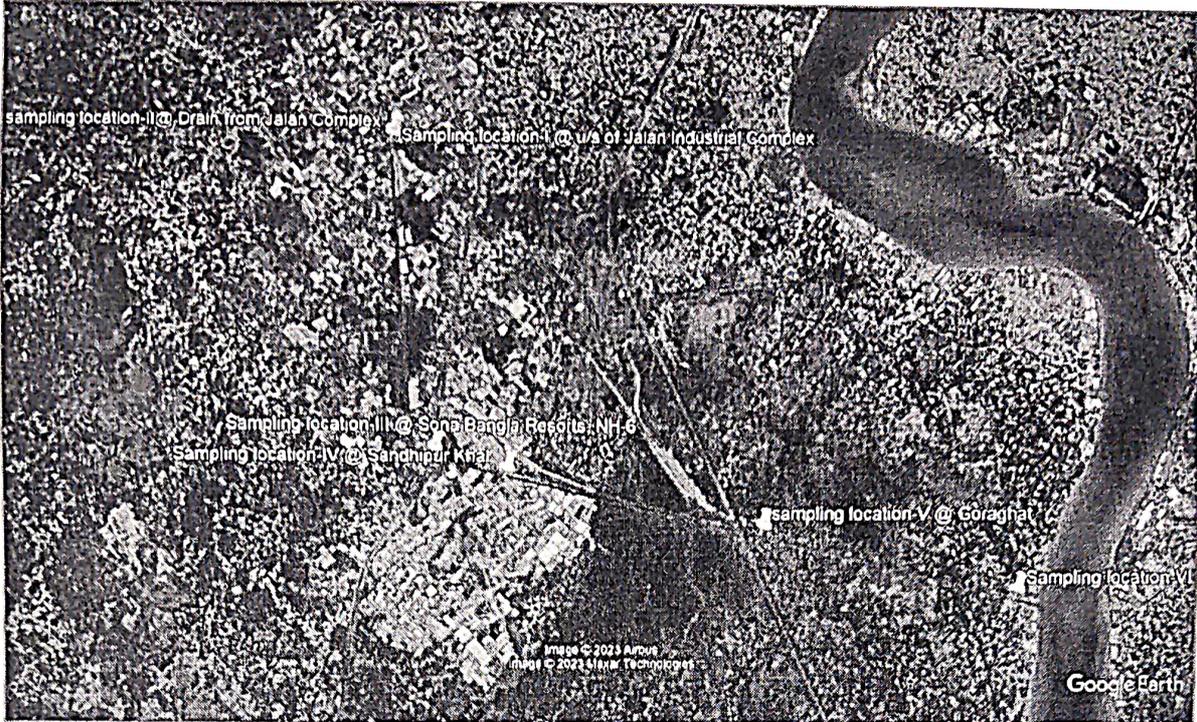


Fig- 1. Course of Barjola drainage Canal/ Sarenga khal

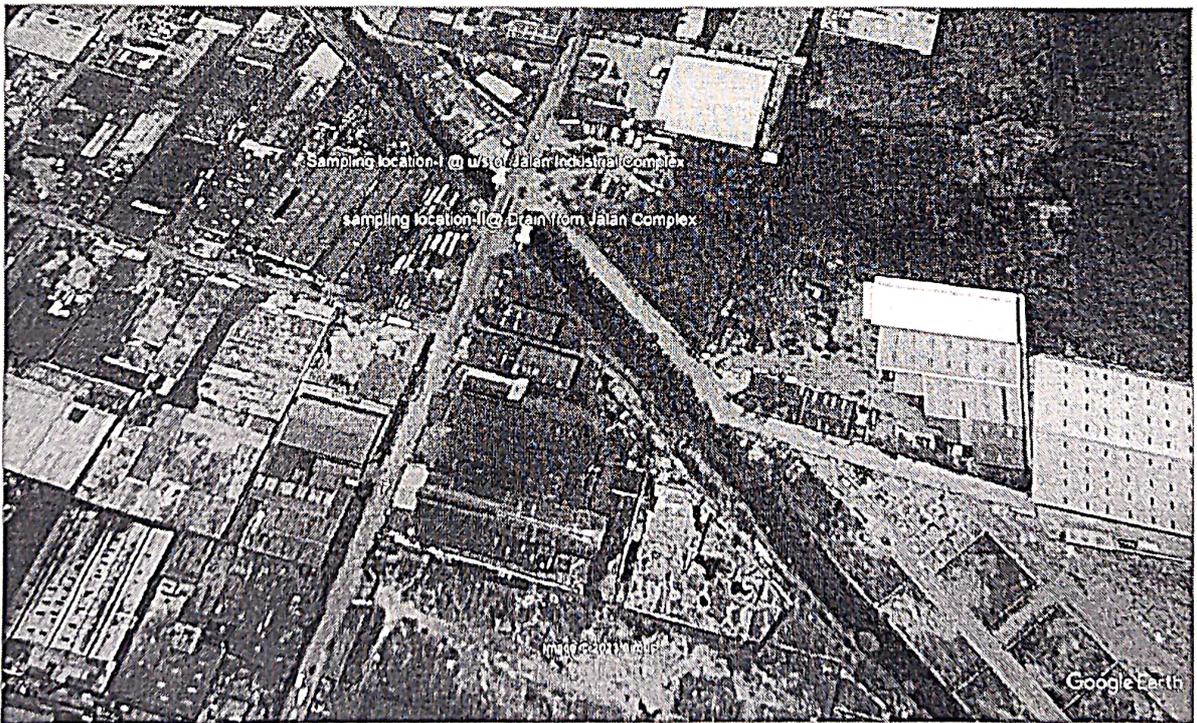


Fig-2. Sampling points at u/s of Jalan Industrial Complex and drain from Jalan Industrial Complex

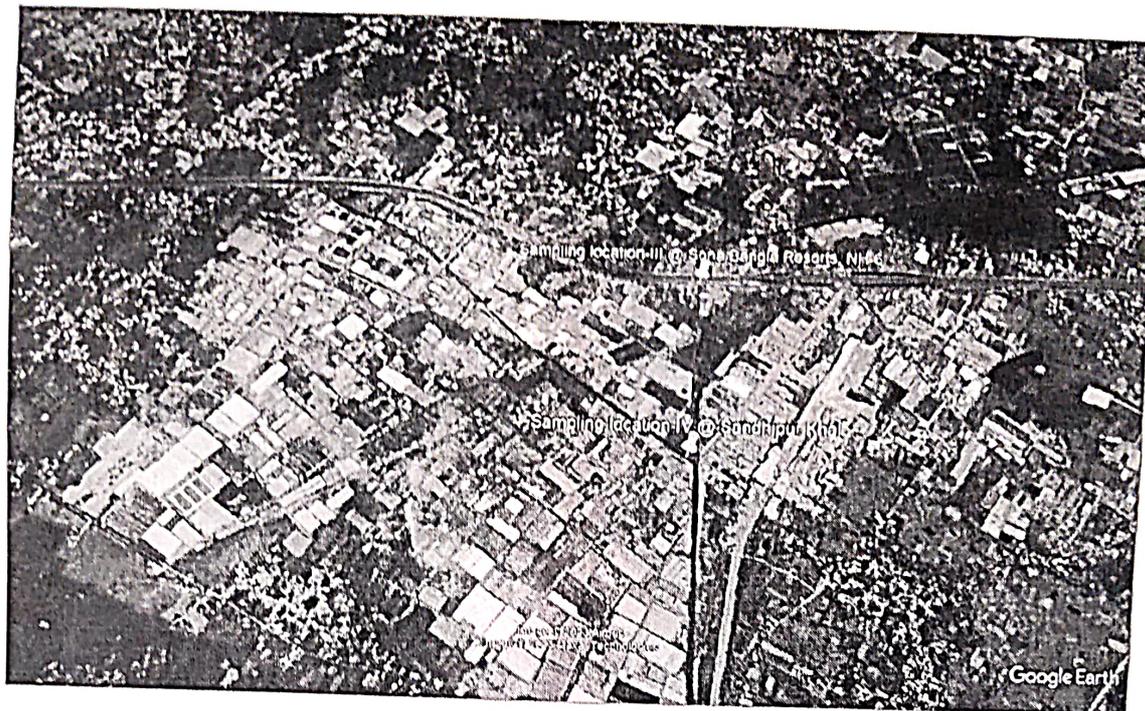


Fig-3. Sampling locations of Barjola canal and Sandhipur Khal

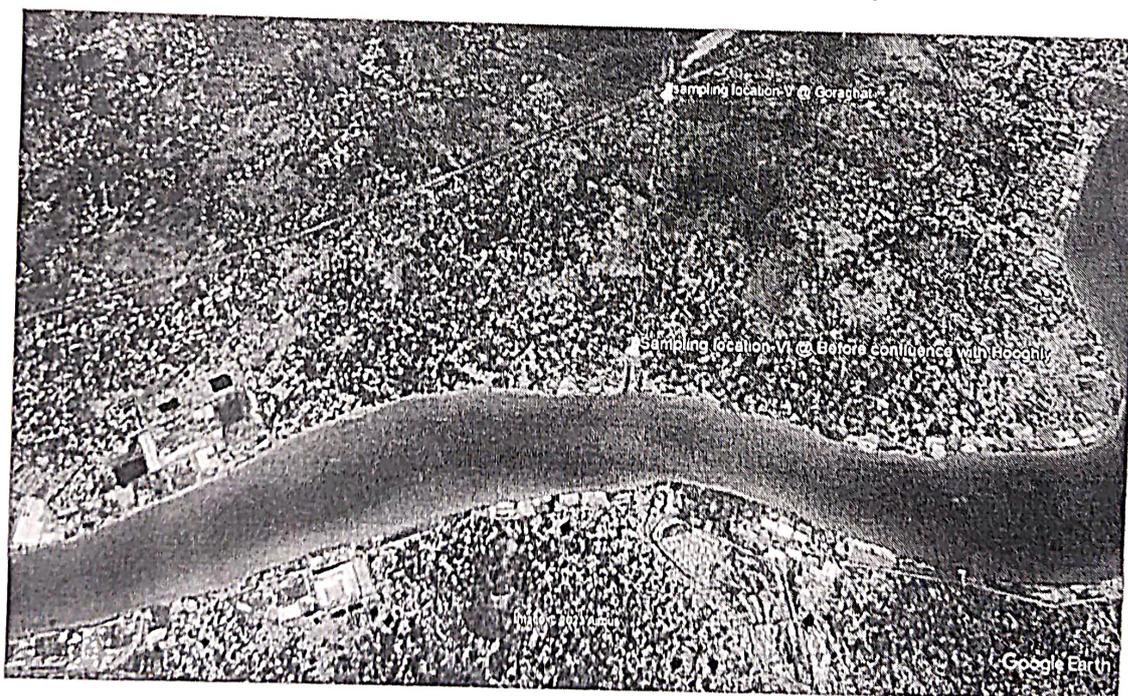


Fig-4. Sampling locations of Barjola canal at Goraghat & Confluence point

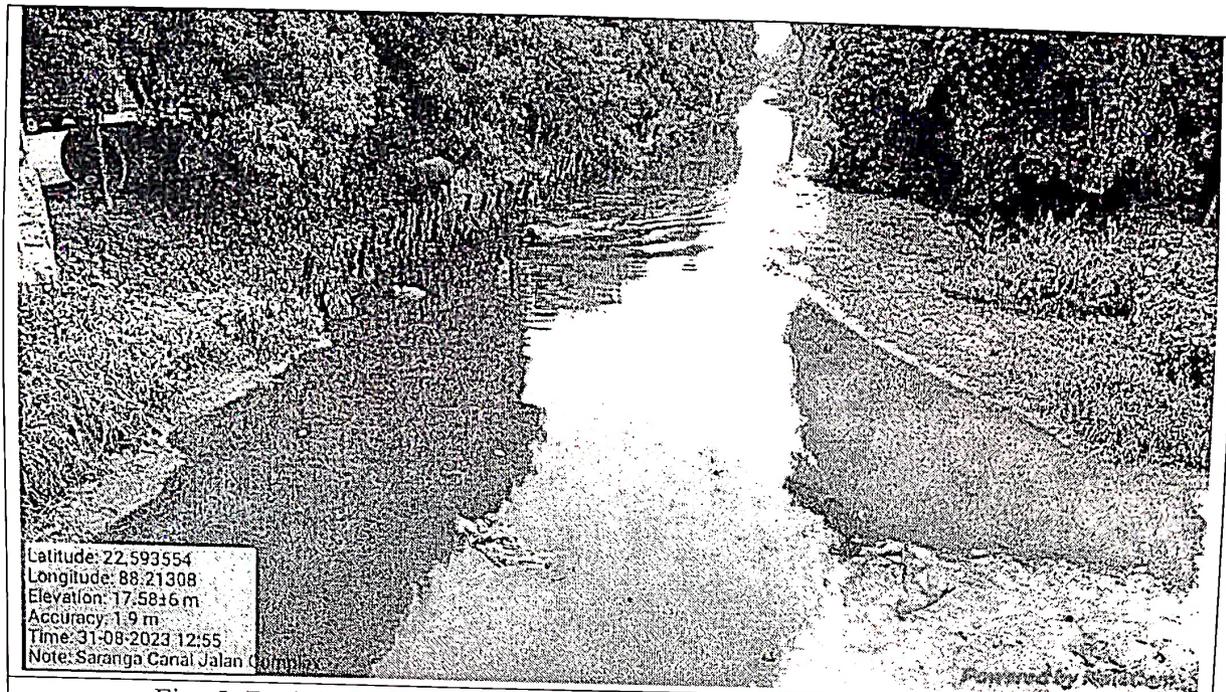


Fig- 5. Barjola drainage channel/Sarenga Khal at Jalan Industrial complex

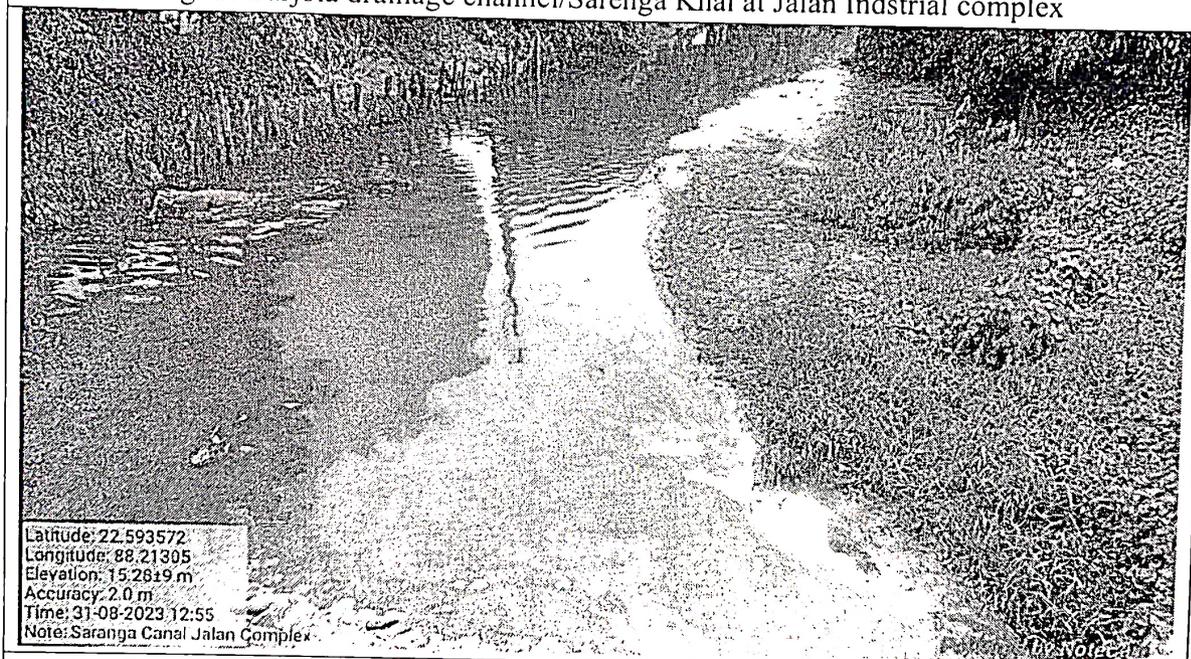


Fig-6. Barjola drainage channel/Sarenga Khal at Jalan Industrial complex having oil layer



Fig-7. Barjola drainage channel/Sarenga Khal near Jalan Industrial complex

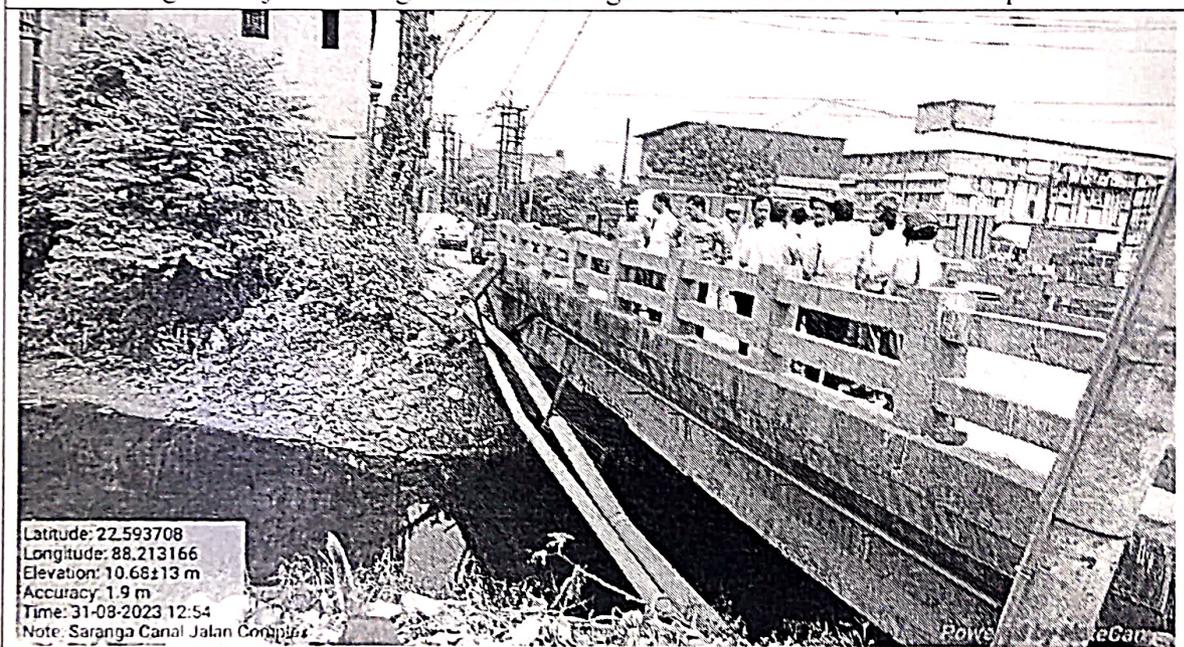


Fig-8. Barjola drainage channel/Sarenga Khal near Jalan Industrial complex

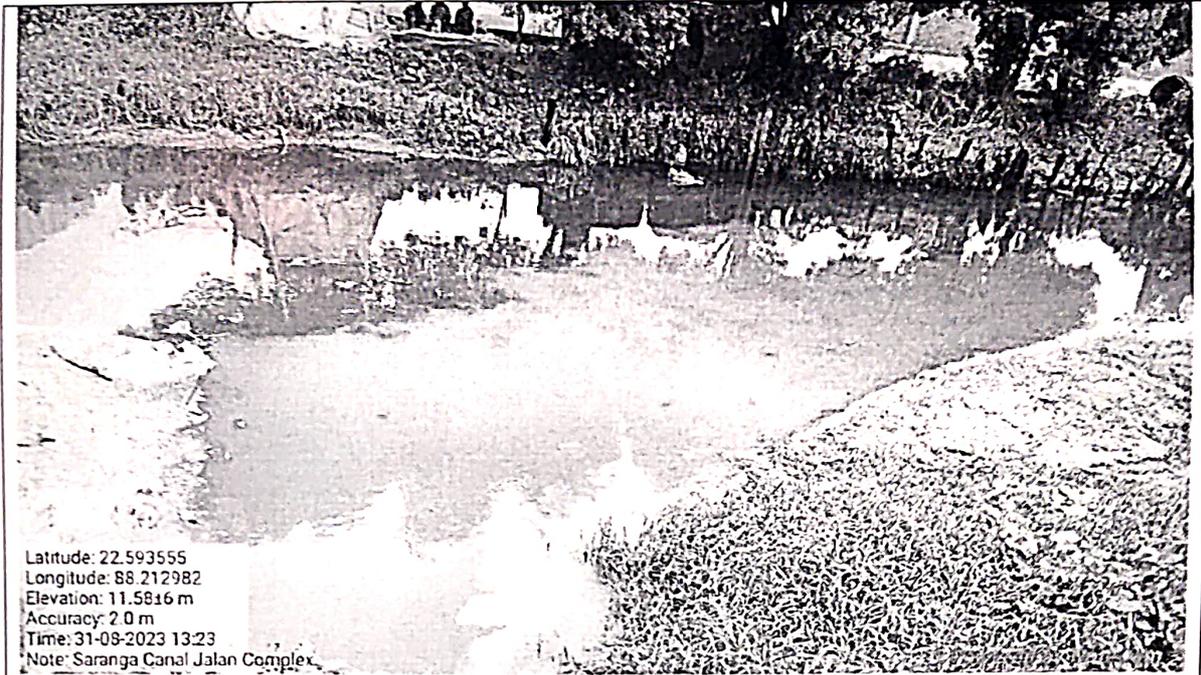


Fig-9. Intersecting drain from Jalan Industrial Park downstream of Jalan Industrial Complex.



Fig-10. Deposition of reddish/brown color sludge on the bank of the Barjola canal.

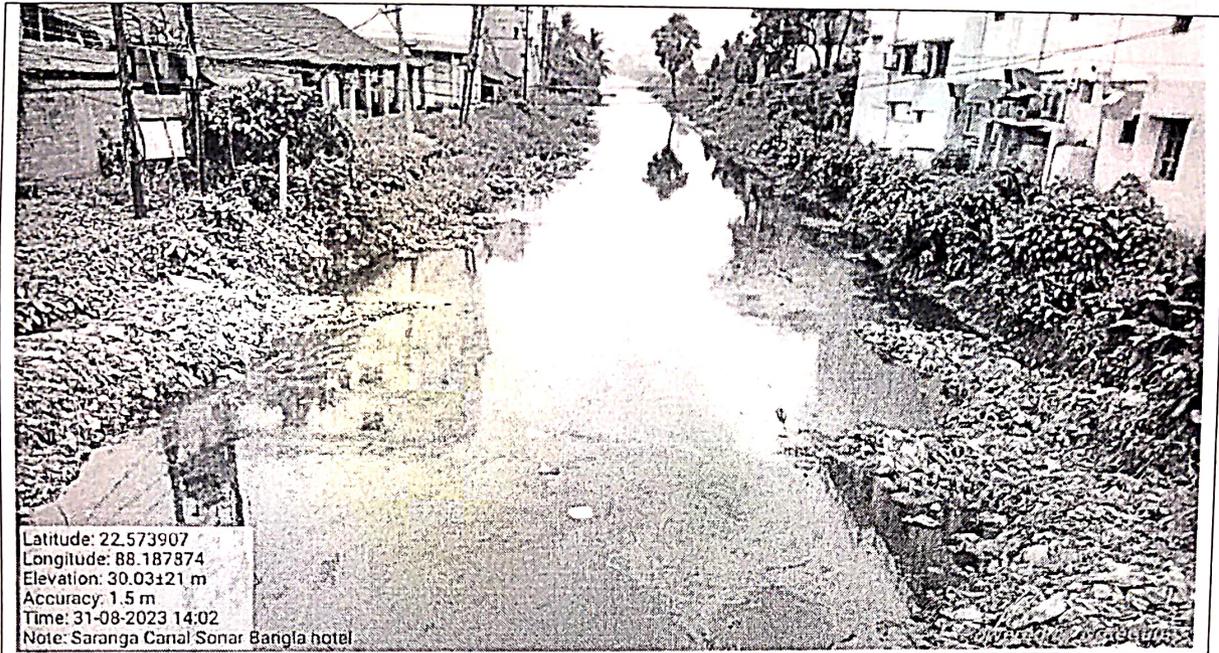


Fig-11. Barjola canal @ Sonar Bangla near NH-6

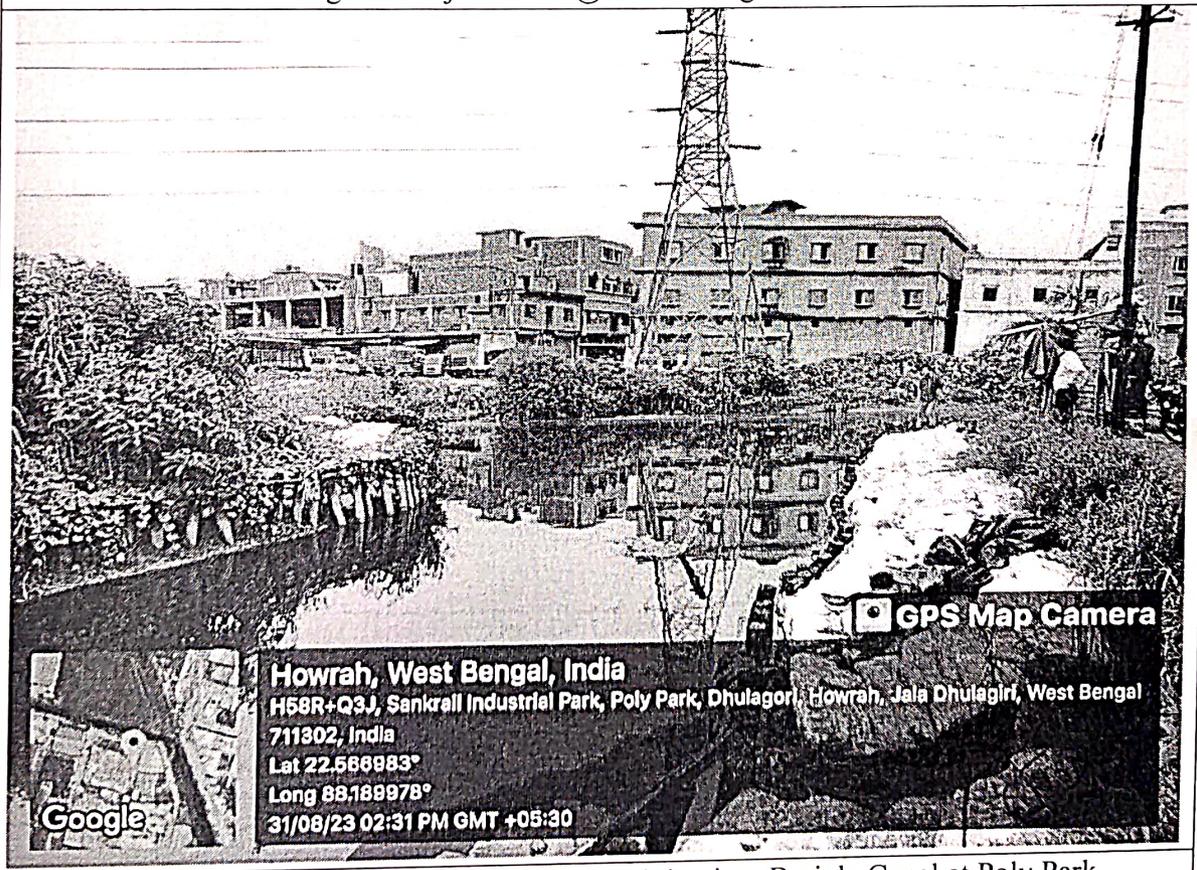


Fig-12. Intersection of Sandhipur Canal draining into Barjola Canal at Poly Park



Fig-13. Barjola canal at Ghoraghat

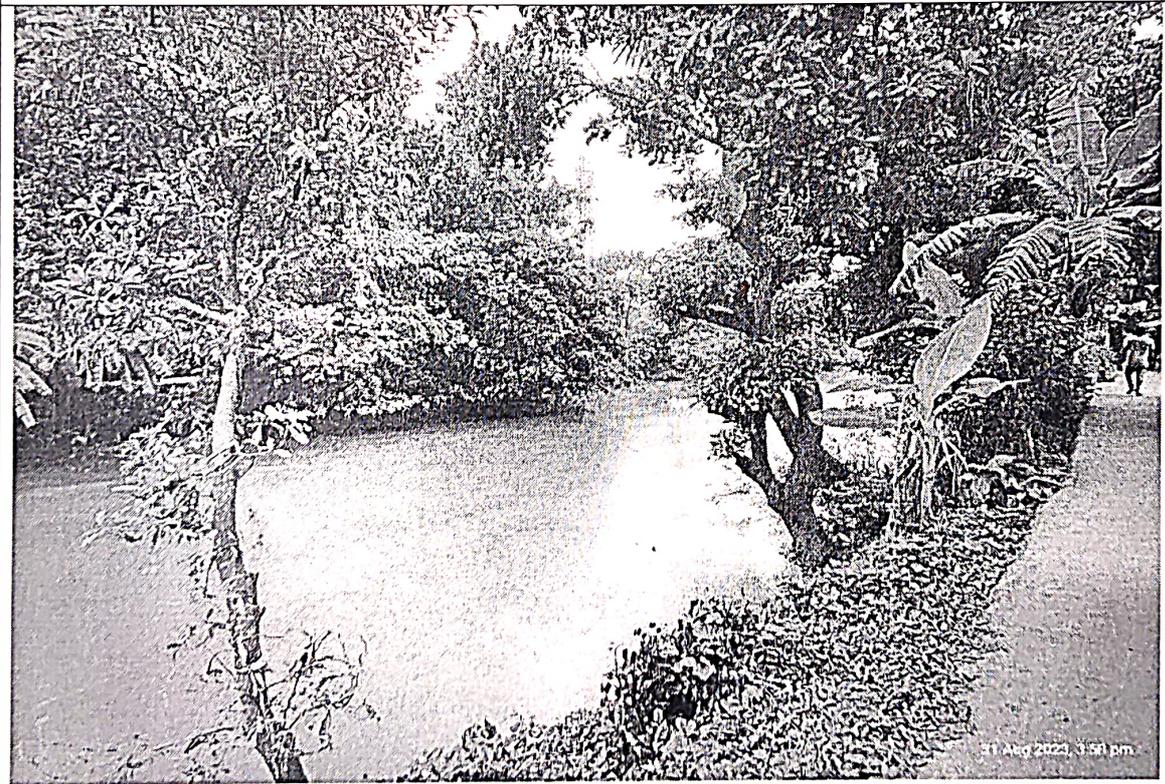


Fig-14. No spillage at Ghoraghat

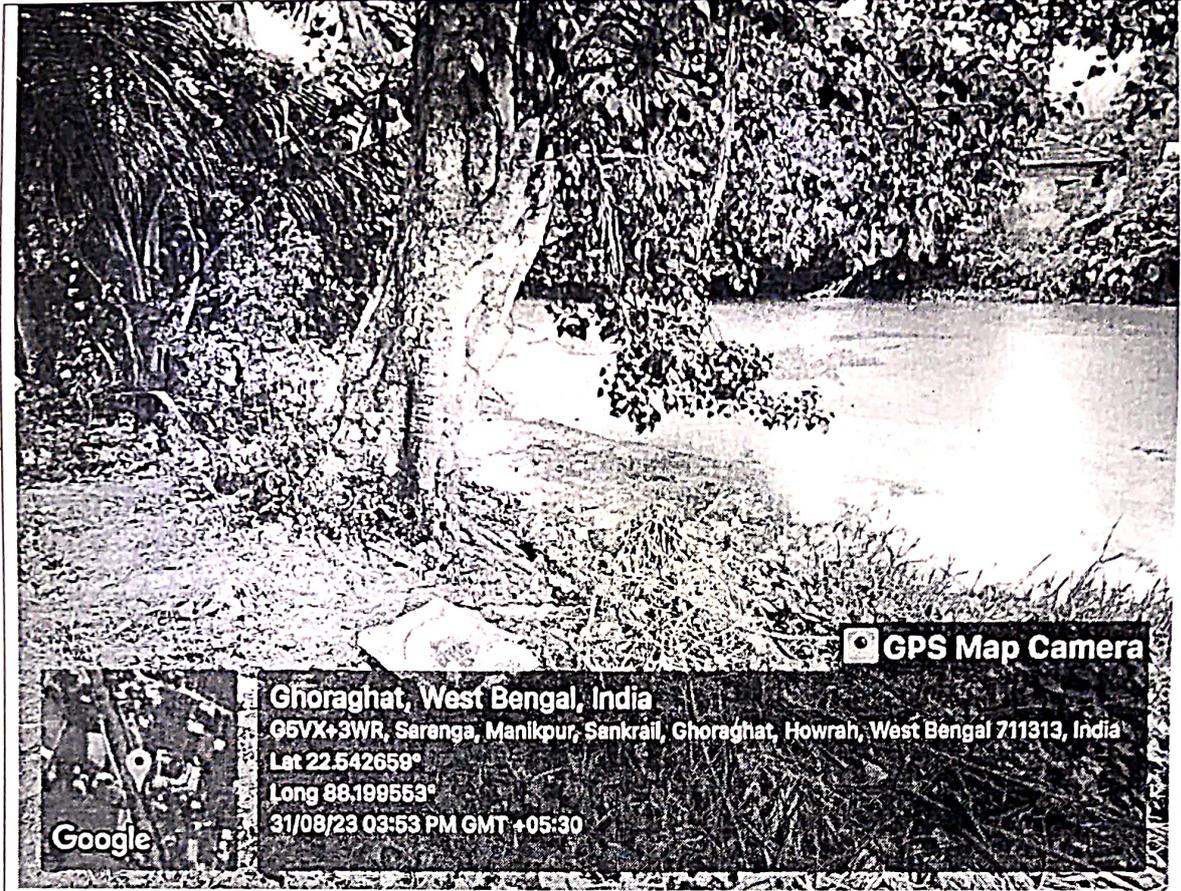


Fig-15. No spillage at Ghoraghat

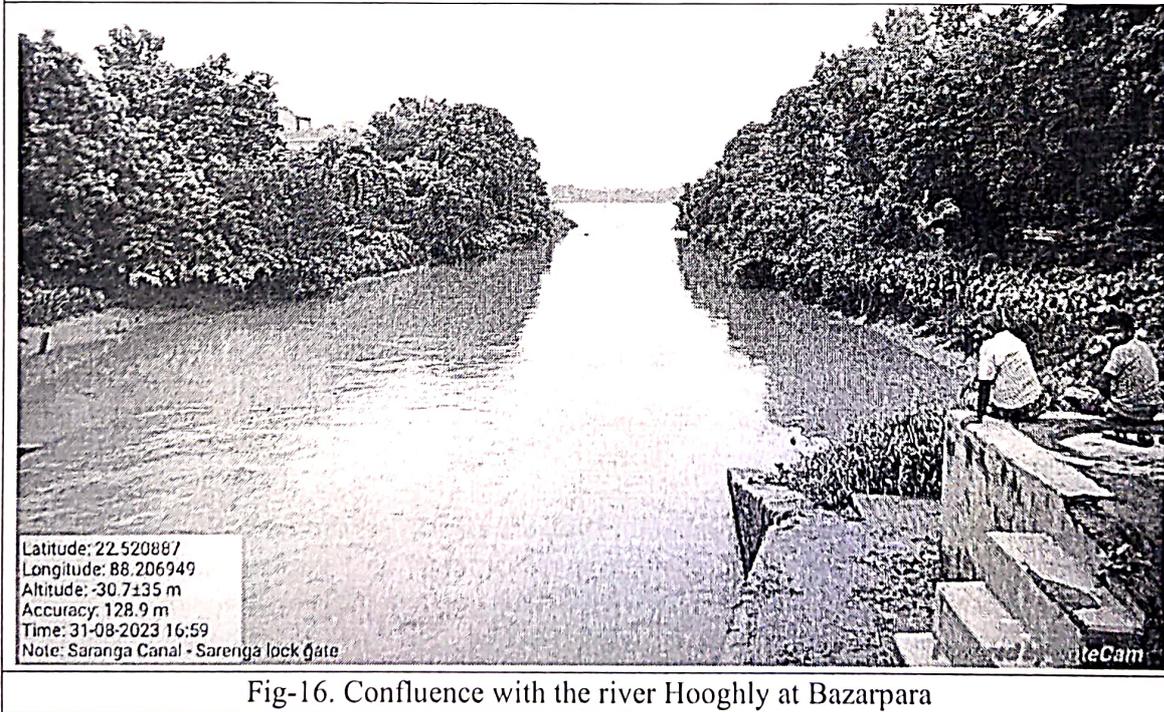


Fig-16. Confluence with the river Hooghly at Bazarpara



**Minutes of Joint Coordination Meeting of NGT Committee in connection with Original Application No. 75/2023/EZ ( Ankur Sharma Vs The State of West Bengal & Ors.) held on 01.09.2023 at the chamber of Additional District Magistrate (Development), Howrah**

**Members Present:** Attendance sheet attached

Additional District Magistrate (Development), Howrah took the chair and initiated discussion. The following is the summary of discussion and decisions taken in the said joint coordination meeting.

- 1) The Executive Engineer-I, Lower Damodar Construction Division, I & WD, Howrah informed that certain remedial measures have already been initiated and continued steps are being taken for improvement of the Barjola Canal. Among these measures, the notable ones are:
  - i) Cleaning of water hyacinth from the canal as part of annual maintenance activities at an expenditure of about Rs. 7.5 lakhs.
  - ii) Scheme for improvement of Sandhipur Canal by resectioning and bank strengthening for a length of 2.0 km from Sandhipur Bus stand (near NH6) to outfall point of Barjola Khal (near Sonar Bangla Motel), amounting to about Rs. 68 lakhs, for improvement of discharge capacity of the canal and avoid any water congestion problem in that drainage system as well as water logging problem in the adjacent industrial and village areas, has been completed recently.
  - iii) DPR for Improvement of Bhabanandapur Khal for a length of 3.794 km and its two nos branch Channel for a length of 0.926 km from back side of M.J.Industrial Park to its outfall point into Barjola Canal near Abada Railway bridge and Barjola Canal for a length of 0.600 km from out fall point of Bhabanandapur Khal to its downstream by re-sectioning and bank strengthening to overcome drainage congestion within M.J. Industrial Park, ITC Limited, Jindal India Limited and other Industrial Parks in Block & P.S. -Panchla and Sankrail, Dist.-Howrah, amounting to about Rs. 3 Crores, has been prepared and submitted to the Department for approval.
  - iv) DPR for Improvement of Barjola Khal by resectioning for a length of 2.40 KM from outfall point of Borjola Khal into Hooghly river near Ghoraghat concrete Bridge in Sankrail, amounting to Rs. 2.47 Crores, has been prepared and submitted to the Department for approval.
  - v) DPR for De-siltation of Barjola Khal for a length 7.35 K.M, starting from Jangalpur Village (Ch. 10.35 KM) to Abada rail Bridge, (Ch. 3.00 KM), Sankrail, amounting to about Rs. 7.07 Crores, has been prepared and submitted to the Department for approval.
- 2) WBPCB officials informed that several inspections of Seriously Polluting Industrial units such as metal surface treatment units, electroplating, galvanising, coal-tar distillation, chemical industries, dyeing / bleaching units etc. from Jalan Industrial Complex, Sankrail Industrial Park, Poly Park and others have already been initiated throughout the months of July-August. Subsequent to the order of the Hon'ble NGT, advisory notices have been issued to the concerned Industry Associations for necessary environmental compliance and remedial measures for effluent treatment wherever necessary. Further actions will be



initiated post-inspection in the coming weeks. They were requested to submit a compiled list of different industries classified by their polluting potential and prepare for intensive inspections once the site visit lab reports arrive.

- 3) The Executive Engineer (AI), SWID, reported that in the concerned area, approximately 62 industrial units have already obtained requisite Permit for ground water extraction from the competent authority at Jaladhulagori, Bhagabatipur, Sandhipur, Jangalpur, Kandua, Baniara, Biprannapara, Amrc, Sankharidaha and Rajapur mouzas under Sankrail and Domjur Blocks. In the said Jalan Industrial Complex, since the end of July, almost 18 inspections have already been conducted by the Geologist & Member Secretary, DLA Howrah in different industrial units operating without Permit for Ground Water extraction from the competent authority. Accordingly, notices have been issued to the violating industrial units and requisite penalties have been imposed. More inspections will be carried out in the coming weeks and necessary actions will be initiated accordingly.
- 4) The General Manager, DIC, Howrah, was directed to convene an urgent meeting with the respective Industry Associations to create awareness about pollution abatement measures and conduct intensive IEC activities within their industrial areas.
- 5) The BDO, Domjur and Sankrail informed that more than 100 grey water management units (DEWATS and soak pit technologies) have been established in Gram Panchayats situated along the Barjola canal — namely, Begri and Kolora-II GPs under Domjur block, and Andul, Dhulagarh, Kandua, Sankrail, Dakshin Sankrail and Sarenga GPs under Sankrail block, for treatment of household waste water. Further, awareness drives of plastic waste management have also been taken up in the past. The Block Development Officers, Sankrail and Domjur, were both directed to undertake another round of cleanliness and awareness drives through Gram Panchayats in the vicinity of the canal areas.
- 6) It was decided that the Committee will form three Inter-Departmental Sub-Committees for inspection of industrial units at Jalan Industrial Park, Sankrail Industrial Park and Poly Park, for compliance of environmental norms, primarily related to effluent treatment. Since there are hundreds of different factory/workshop units in these industrial parks, the Committee resolved to identify the violating units from among the Seriously Polluting Industries (SPI) as per the classification of the CPCB, in the first stage. The scope of inspections will thereafter be expanded in a staggered manner.

There were no other issues to be discussed and the meeting ended with thanks from the chair.

*Additional District Magistrate (Dev)*  
*Howrah*



**ATTENDANCE SHEET FOR THE MEETING INC/W NGT OA NO - 79/2023/EZ  
HELD ON 01/09/2023 AT THE CHAMBER OF ADDITIONAL DISTRICT  
MAGISTRATE (NGT), HOWRAH AT 08.00 PM**

SL NO	NAME & DESIGNATION OF THE OFFICER	SIGNATURE
1)	AZAR ZIA, IAS, ADM (D), Howrah	
2)		
3)	Prasanta Kumar Maity, Dy. De. Secy, Howrah	
4)	Gurujada Palu	
5)	Sajal Kr. Das EE (A-I) SWID	
6)	Dr. Bijan Brahma C. Scientist, WBPCB	
7)	Sandeep K. Gupta EE-I, Loco, Howrah	
8)	Akhil Bandyopadhyay, GM, MC, Howrah	
9)	SUBIR SARKAR, AE/SDO HOWRAH DRAINAGE SUB-DIVISION, I&WD	
10)	AKHILIT PATHAK, Senior Scientist, CPCB	
11)	Surajit Mandal, Geologist, S.W.I.D	
12)	Bhim Jikadax, AEE, WBPCB	
13)		
14)		
15)		
16)		
17)		

LOCAL DISC (D) / INDEX-REGISTER / ATTENDANCE-SHEET-GENERAL20



GOVERNMENT OF WEST BENGAL  
IRRIGATION & WATERWAYS DIRECTORATE  
OFFICE OF THE EXECUTIVE ENGINEERS  
LOWER DAMODAR CONSTRUCTION DIVISION  
PHULESHWAR, ULUBERIA, HOWRAH  
Email: ee1ldcd@gmail.com

REPORT IN CONNECTION WITH ORIGINAL APPLICATION NO. 75/2023/EZ (ANKUR SHARMA VS THE STATE OF WEST BENGAL & ORS.) VIDE HON'BLE NGT ORDER (EASTERN ZONE BENCH, KOLKATA) DATED 12.07.2023

INITIATIVE OF IRRIGATION & WATERWAYS DEPARTMENT FOR IMPROVEMENT OF DRAINAGE CAPACITY OF BARJOLA CANAL AND ITS ADJOINING CANALS OUTFALLING INTO BARJOLA CANAL:

- i) Cleaning of water hyacinth from the canal as part of annual maintenance activities at an expenditure of about Rs. 7.5 lakhs.
- ii) Scheme for improvement of Sandhipur Canal by resectioning and bank strengthening for a length of 2.0 km from Sandhipur Bus stand (near NH6) to outfall point of Barjola Khal (near Sonar Bangla Motel), amounting to about Rs. 68 lakhs, for improvement of discharge capacity of the canal and avoid any water congestion problem in that drainage system as well as water logging problem in the adjacent industrial and village areas, has been completed recently.
- iii) DPR for Improvement of Bhabanandapur Khal for a length of 3.794 km and its two nos branch Channel for a length of 0.926 km from back side of M.J. Industrial Park to its outfall point into Barjola Canal near Abada Railway bridge and Barjola Canal for a length of 0.600 km from out fall point of Bhabanandapur Khal to its downstream by re-sectioning and bank strengthening to overcome drainage congestion within M.J. Industrial Park, ITC Limited Jindal India Limited and other Industrial Parks in Block & P.S. -Panchla and Sankrail, Dist-Howrah, amounting to about Rs. 3 Crores, has been prepared and submitted to the Department for approval.
- iv) DPR for Improvement of Barjola Khal by resectioning for a length of 2.40 KM from outfall point of Barjola Khal into Hooghly river near Ghoraghat concrete Bridge in Sankrail, amounting to Rs. 2.47 Crores, has been prepared and submitted to the Department for approval.
- v) DPR for De-siltation of Barjola Kha) for a length 7.35 K.M, starting from Jangalpur Village (Ch. 10.35 KM) to Abada rail Bridge, (Ch. 3.00 KM), Sankrail, amounting to about Rs. 7.07 Crores, has been prepared and submitted to the Department for approval.

Date: 01.09.23

Executive Engineer-I  
Lower Damodar Construction Division



**First Inspection Report Before the Hon'ble NGT, Eastern Zone Bench, Kolkata**

**(Original Application No. 75/2023/(EZ))**

A committee meeting was held on 31.08.2023 at about 12-30 hrs at the chamber of Sankral B.D. O. Concluding a short meeting chaired by ADM (Dev) Howrah, a field visit and sampling activity likely aimed to gather data and evidence regarding the sources of toxic pollutants in the area, in compliance with the NGT order was conducted. The collected samples are subjected to further analysis to assess water quality. The information gathered during this visit may be crucial for further planning for detailed study and environmental monitoring to decide upon regulatory actions wherever necessary.

The survey encompassed the entire length of the Barjola canal, which extends approximately 10.35 kilometers, passing through several areas including the Jalan Industrial Complex, Sankrail Industrial Park, Poly park and Ghoraghat-Abada area.

A total of six (6) No. of water samples was collected by WBPCB officials from Barjola/Sarenga irrigation canal and major drains joining the canal.

The locations of samples collected is here under:

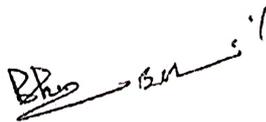
S. No.	Sampling location	Coordinates
1.	Barjola canal @ upstream of Jalan Industrial Complex	N 22.593628° E 88.213318°
2.	Drain from Jalan Industrial Complex	N 22.593518° E 88.213005°
3.	Barjola canal @ Sonar Bangla Resort, NH-6	N 22.573865° E 88.187900°
4.	Sandhipur Khal @ Sankrail Industrial Park	N 22.567142° E 88.190035°
5.	Barjola canal @ Abada - Ghoraghat	N 22.544096° E 88.198902°
6.	Barjola canal @ before confluence with Hooghly	N 22.521290° E 88.206867°

As per the information available from the representative authority of the Jalan Industrial Complex, there are about 400 nos. of industries within the said Complex. There are some units (like godowns/warehouse, and other units having engineering & fabrication, plastic processing units, Ferrous and Non-ferrous metal dry processing units etc) having no industrial effluent discharge potential. However; units like metal surface treatment units, electroplating, galvanizing, coal - tar distillation, chemical industries, dyeing-bleaching units etc. have industrial effluent generation and discharge potential. Location wise physical observations on samples were as under:

Location No. 1 : Downstream of Jalan Industrial Complex -Time : 13-05 hrs.

Observation :

- 1) Colour of Water : Slightly blackish






- 2) Odour of water : No pungent odour
- 3) Flow : No significant flow
- 4) Sediment Deposition : Nothing significant
- 5) Spill Over : Nil

Location No. 2 : Downstream of Jalan Industrial Complex (One no. additional discharge point is there )(Latitude : Time : 13-20 hrs.

Observation :

- 1) Colour of Water : Yellowish
- 2) Odour of water : No pungent odour
- 3) Flow : Mild Flow
- 4) Sediment Deposition : Sediment deposition along the both sides covering some area
- 5) Spill Over : Nil

Location No. 3 :Near Sonar Bangla Hotel, Dhulagarh Sankrail Ind. Park Time : 1405 hrs.

Observation :

- 1) Colour of Water : Blackish
- 2) Odour of water : No pungent odour
- 3) Flow : Moderate
- 4) Sediment Deposition : Siltation and sedimentation observed
- 5) Spill Over : Nil

Location No. 4: Confluence Point of Sandipur and Barjola Canal (Khal) Time : 14-35 hrs.

Observation :

- 1) Colour of Water : Blackish
- 2) Odour of water : No pungent odour
- 3) Flow : Moderate
- 4) Sediment Deposition : Sedimentation observed away from the sampling location
- 5) Spill Over ; Nil

Location No. 5 : Ghoraghat Bridge (Abada Railway Station) - Time 15 – 40 hrs.

Observation :

- 1) Colour of Water : Brownish yellow
- 2) Odour : of water No pungent odour
- 3) Flow: Moderate
- 4) Sediment Deposition : Plenty amount water hyacinth observed
- 5) Spill Over : Nil

Location No. 6 : Sarenga Canal , Near Lock Gate - Time : 17-00 hrs.

Observation :



- 1) Colour of Water : Muddy (turbid)
- 2) Odour of water : No pungent odour
- 3) Flow : Higher
- 4) Sediment Deposition : Nil
- 5) Spill Over : Nil

The physical observations made during field visit are:

1. Presently the irrigation canal, (Barjola canal/Sarenga canal) is a mixed drain carrying industrial effluent from Jalan Industrial Complex, Sankrail Industrial Park & domestic effluent from areas situated adjacent to canal including Goraghat – Abada. At downstream locations, specifically near the Jalan Industrial Complex and Poly Park, the Barjola Canal intersects with three significant drains: one originating from the Jalan Industrial Complex and the other from Sandhipur Khal and third one is Bhabanandapur canal carrying wastes from M J Industrial park, ITC limited, Jindal limited etc to Barjola canal. (Course of drainage system in Google Earth map is attached at Pic-1.
2. The Barjola canal/Sarenga Khal at u/s of Jalan Industrial Complex was carrying black color and the presence of oil /slimy layer with reddish brown colored froths; which might have been discharged by industrial units (Pic-6).
3. A drain from Jalan Industrial Complex is meeting with Barjola canal at downstream of the Jalan Industrial Complex, which is having brown color wastewater with brown sludge deposited on the bank of the canal, seems to be effluent is being discharged from Galvanizing /surface coating industries having acid pickling. (Pic-10).
4. Barjola canal near Sonar Bangla Resorts having black color and oil floating on wastewater was observed. Plastic waste is being dumped into the canal. (Pic-11)
5. Sandhipur khal, which traverses from Sankrail Industrial Park (SIP) carrying the effluent being generated from the SIP and finally meets Barjola canal near Poly Park. (Pic-12).
6. Further, Goraghata village surveyed, where no such spillage to the nearby areas and farming ground was observed as mentioned in the affidavit by the applicant. (Pic-14 &15). The watermark observed at the topmost level suggests that even at highest water level the chance of spill over to adjacent areas are negligible; however local people had complaints about quality of water (color and smell) being extracted by hand pump, which may be attributed to subsurface contamination of ground water.
7. Finally, the team visited confluence point of Barjola canal with river Hooghly near Bazarpara, where it was observed that the mixing of tidal water with drain (Pic-16). As the day of visit was next to the full moon day the river observed tidal bore and highest high tide, the dilution happened might have influenced the sample quality at confluence.

(Sh. Bhim Tikadar)

AEE, RO – Howrah, WBPCB

(Dr. Bijan Bhaumik)

Scientist, WBPCB

Sh. Abhijit Pathak

Senior Scientist, CPCB



**List of industries inspected during July and August 2023 by State Board officials at Jalan Industrial Complex, Sankrail Industrial Complex and Poly park.**

Sl. No.	Unit name	Unit Address	Date of Inspection	Type (SPI/Red)	Activity/process
1.	Choudhary Hydrocarbon Pvt. Ltd.	Jalan Industrial Complex	04.07.2023	SPI	Coal –tar distillation
2.	Choudhary Bitumen & Allied Products ( Gate no 1)	do	04.07.2023	SPI	Bitumen processing
3.	Choudhary Bitumen & Allied Products ( Gate no 3)	do	04.07.2023	SPI	Bitumen processing
4.	Savi Trexim Pvt. Ltd	do	10.07.2023	SPI	Dyeing & Bleaching
5.	Neptune Hydrocarbon Mfg Ltd	do	10.07.2023	SPI	Coal –tar distillation
6.	Rukmani Fab & Gal Pvt. Ltd	do	10.07.2023	SPI	Galvanizing process
7.	Rupa & Co	do	12.07.2023	SPI	Dyeing & Bleaching
8.	Chiranjilal Rayons Pvt. Ltd.	do	12.07.2023	SPI	Dyeing & Bleaching
9.	New Bharat Industries	do	13.07.2023	SPI	Galvanizing process
10.	Gel Metaliks Private Limited	do	13.07.2023	SPI	Galvanizing process
11.	Quality Processing	do	13.07.2023	SPI	Galvanizing process
12.	Ramkrishna Galvanizing Works	do	13.07.2023	SPI	Galvanizing process
13.	Akas Enterprise	do	18.07.2023	SPI	Galvanizing process
14.	Utkarsh India Ltd.	do	31.07.2023	SPI	Galvanizing process
15.	KSE Electricals	do	28.08.2023	SPI	Galvanizing process
16.	Hind Suter Shellac Pvt Ltd.	Sankrail Industrial Complex	05.07.2023	Red	Shellac Manufacturing
17.	DMP Projects Pvt. Ltd.	Do	12.07.2023	SPI	Galvanizing process
18.	Kothari Processors Pvt. Ltd	Do	28.08.2023	SPI	Dyeing & Bleaching

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( Sri B. Tikader)  
AEE, Howrah Regional Office, WBPCB

\* SPI - Seriously Polluting Industry



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Environment

**WEST BENGAL POLLUTION CONTROL BOARD**  
(Department of Environment, Govt. of West Bengal)  
Howrah Regional Office  
"Minority Bhawan" 5<sup>th</sup> Floor,  
12, Kanai Lal Bhattacharya Sarani,  
Alipore, Kolkata - 700 027  
Tele Phone: +91 033 2448 2219/ 2220

Memo no. 70/08-PC P<sub>8</sub>/How/22A. 2020(Env) Date: 02/08/2023

To

The Polypark Members Association,  
Vill + P.O.- Dhulagori, P.S.- Sankrail,  
Howrah -711302.

Ref : NGT matter of O.A 75/2003/EZ(NGT) Ankur Sharma Vs The State of West Bengal  
and Ors. (Eastern Zone Bench , Kolkata ) dated 12.07.2023

Sir,

**Sub.: Compliance of environmental norms by units located within the Polypark**

As per order of Hon'ble NGT, a committee has been constituted for inspecting the Sarenga/Barjola canal for submission of report before the Hon'ble NGT. The committee conducted a meeting at office of BDO Sankrail and visited entire stretch of Sarenga canal.

During visit the committee has observed that the Sarenga/Barjola canal is highly polluted by industrial effluent discharge.

You are requested to ensure necessary environmental compliance and take remedial measures wherever necessary so that the Sarenga/Barjola canal remains pollution free.

Thanking you,

Yours faithfully

R Satter

**Environmental Engineer & In-charge**  
Howrah Regional Office



WEST BENGAL POLLUTION CONTROL BOARD  
(Department of Environment, Govt. of West Bengal)  
Howrah Regional Office  
"Minerity Bhawan" 5<sup>th</sup> Floor,  
17, Kanchalal Bhattacharya Sarani,  
Alipore, Kolkata - 700 017  
Tele Phone : 01 633 2448, 2712, 2720

Memo no. 68/08-Pr vs/Banul/23 A-2024/Gen Date 24/08/2023

To

The Jalan Industrial Complex Members Association,

P.O.—Jangalpur, P.S.- Domjur,

Howrah -711302.

Ref : NGT matter of O.A 75/2003/EZ(NGT) Ankur Sharma Vs The State of West Bengal  
and Ors. (Eastern Zone Bench , Kolkata ) dated 12.07.2023

Sir,

**Sub.: Compliance of environmental norms by units located within the Jalan Industrial Complex**

As per order of Hon'ble NGT, a committee has been constituted for inspecting the Sarenga/Barjola canal for submission of report before the Hon'ble NGT. The committee conducted a meeting at office of BDO Sankrail and visited entire stretch of Sarenga canal.

During visit the committee has observed that the Sarenga/Barjola canal is highly polluted by industrial effluent discharge.

You are requested to ensure necessary environmental compliance and take remedial measures wherever necessary so that the Sarenga/Barjola canal remains pollution free.

Thanking you,

Yours faithfully

R. S. Jha

Environmental Engineer & In-charge  
Howrah Regional Office

OPC

27



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Environment

WEST BENGAL POLLUTION CONTROL BOARD  
(Department of Environment, Govt. of West Bengal)  
Howrah Regional Office  
"Minority Bhawan" 5<sup>th</sup> Floor,  
12, Kanai Lal Bhattacharya Saram,  
Alipore, Kolkata - 700 027  
Tele Phone +91 033 2448-2219-2220

Memo no. 69/08. ARB/Howr/224-2020(Reg) Date: 27/08/2023

To

**The Sankrail Industrial Complex Members Association,**

Vill + P.O.- Dhulagori, P.S.- Sankrail,

Howrah -711302.

Ref : NGT matter of O.A 75/2003/EZ(NGT) Ankur Sharma Vs The State of West Bengal  
and Ors. (Eastern Zone Bench , Kolkata ) dated 12.07.2023

Sir,

**Sub.: Compliance of environmental norms by units located within the Sankrail Industrial Complex**

As per order of Hon'ble NGT, a committee has been constituted for inspecting the Sarenga/Barjola canal for submission of report before the Hon'ble NGT. The committee conducted a meeting at office of BDO Sankrail and visited entire stretch of Sarenga canal.

During visit the committee has observed that the Sarenga/Barjola canal is highly polluted by industrial effluent discharge.

You are requested to ensure necessary environmental compliance and take remedial measures wherever necessary so that the Sarenga/Barjola canal remains pollution free.

Thanking you,

Yours faithfully

*R. Satter*

**Environmental Engineer & In-charge**  
Howrah Regional Office

Report on meeting with Industrial Parks in connection with the matter related with the Hon'ble  
National Green Tribunal

In view of the matter related to the Hon'ble NGT, a visit was made by the district team led by the Addl. District Magistrate (Development), Howrah and participated by the undersigned on 31-08-2023.

Pursuant to the same and as per direction of the Committee a meeting were held with the following Industrial Parks on 05-09-2023.

1. Jalan Industrial Complex.
2. Sankrail Industrial Park.
3. Sudharas Poly Park.

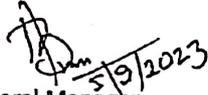


Meeting at Sudharas Poly Park in progress – between Government and park members.

The matter of effluents emanating from these parks to the drainage canals / irrigation canals was discussed in the afore-mentioned meeting with the parks. It was also emphasized that such things need immediate cessation and remedy.

The said industrial parks were urged to do the following.

1. Create awareness among all member units about the afore-mentioned situation.
2. Use IEC materials for creating such awareness. IEC materials should be placed at various locations in the respective park for easy and frequent viewing.
3. Introduce regular monitoring of environment friendly industrial practices.
4. Do proper effluent treatment before offloading into the Barjola canal.

  
 General Manager,  
 District Industries Centre,  
 Howrah.

Government of West Bengal  
Water Resources Investigation & Development Department  
Office of the Geologist  
Geological Sub-Division No-IID, Howrah  
State Water Investigation Directorate  
Old Collectorate Building, 2<sup>nd</sup> Floor  
1/2, M. G. Road Howrah-711101  
Phone No.- (033) 2638 1181  
Email- geolswidhowrah@gmail.com

**Inspection Report in connection with the NGT Case of O.A. 75/2023/ EZ (NGT),  
Ankur Sharma Vs the State of West Bengal and Ors.**

In connection with the referred NGT case, undersigned as Member Secretary, DLA, Howrah has performed the following inspections in the Jalan Industrial Complex, Domjur, Howrah in consultation with the authorities of S.W.I.D. The report of the said inspection is being mentioned in the following proforma:

SL. No.	Name of Industry	Address of Industrial Unit	Date of Inspection	Observation found	Action Taken thereon	Remarks
1	Haldiram Incorporation Pvt. Ltd.	Jalan Industrial Complex	28.07.2023	Requisite Permission for Ground Water Extraction not taken	Notice served & Penalty imposed	Single No. of unauthorized Tube Well found
2	Khaitan Winding Wire Pvt. Ltd.	Do	Do	Do	Do	Do
3	Khaitan Electronics	Do	Do	Do	Do	Do
4	Fabricators India	Do	Do	Do	Do	Do
5	Vikrant Engineering Works Pvt. Ltd.	Do	Do	Do	Do	Do
6	Amit Enterprises Pvt. Ltd.	Do	Do	Do	Do	Do
7	Bricks Manufacturing Company	Jalan Industrial Complex	16.08.2023	Do	Do	Do
8	EFC Logistic India Pvt. Ltd.	Do	Do	Do	Do	Do
9	Sundrex Oil Company Ltd.	Do	Do	Do	Do	Do
10	Usha Galvanizing	Do	Do	Do	Do	Do
11	Dolswap Business Pvt. Ltd.	Do	Do	Do	Do	Do
12	Radha Electricals Pvt. Ltd.	Do	Do	Do	Do	Do
13	Hindcon Chemicals Limited	Do	Do	Do	Do	Do



SL. No.	Name The Industry	Address of Industrial Unit	Date of Inspection	Observation	Action Taken	Remarks
14	Sunil Aggerwal	Jalan Industrial Complex	16.08.203	Requisite Permission for Ground Water Extraction not taken	Notice served & Penalty imposed	Single No. of unauthorized Tube Well found
15	Hoops & Trips (P) Ltd.	Do	Do	Do	Do	Do
16	S.R Texwash	Do	Do	Do	Notice served & Penalty imposed for each Tube Wells	Two Nos. of unauthorized Tube Wells found
17	Laxmisri Industries	Do	Do	Do	Do	Do
18	Flextone Industries	Do	Do	Do	Do	Three Nos. of unauthorized Tube Wells found

Yours Faithfully,

*Arindam*  
08.09.23

Geologist  
&

Member Secretary, DLA  
Geological Sub Division No IID  
S.W.I.D, Howrah





Government of West Bengal  
Office of the Block Development Officer  
Domjur Development Block

Phone No:03326700222 , Email :-bdodomjur@gmail.com

Report regarding cleanliness and awareness activities alongside Barjola canal

Barjola canal is going through Kolorah-II & Begri Gram Panchayat of Domjur Dev. Block and then its enter into Sankrail Dev. Block finally meets with Hooghly River at sarenga lock gate. Several initiatives were taken to keep clean the canal and aware people living besides the canal. Soak pit and litch pit were constructed under Kolorah-II & Begri Gram Panchayat. Recently DPR for SWM was sent jointly with Rudrapur and Begri Gram Panchayat. Postering and leaflets distribution through the area are running continuously. Several hoardings were fixed at different places under Domjur Dev. Block to aware the people about the importance of Barjola canal.



BLOCK DEVELOPMENT OFFICER  
DOMJUR DEVELOPMENT BLOCK



**Final Report in the matter of Original Application No. 75/2023/EZ ( Ankur Sharma Vs The State of West Bengal & Ors.) vide Hon'ble NGT order (Eastern Zone Bench, Kolkata ) dated 12.07.2023.**

The Hon'ble National Green Tribunal, Eastern Zone Bench constituted a Committee comprising Senior Scientist, WBPCB, Senior Scientist, CPCB, District Magistrate, Howrah or his nominee not below the rank of Additional District Magistrate, Howrah, Senior Engineer, Department of Irrigation and Waterways, Government of West Bengal and Senior Engineer, State Water Investigation Directorate (SWID), West Bengal in the matter. The District Magistrate, Howrah has been directed to act as the nodal agency for all logistic purposes.

Accordingly, the Committee had visited the site on 31.08.2023 and carried out a preliminary inspection of the entire stretch of the Barjola/ Sarenga Canal, collected samples from six sites and submitted its preliminary findings to the Hon'ble NGT, pending the chemical analysis reports of the samples. The Committee submits the pending information at its end as below:

- 1) Considering the drainage topography and the major confluence points wherein, the discharges from various sub-canal carrying the industrial effluents, drain out into the Barjola Canal, the Committee decided to collect a total of six (6) water samples to be analysed by WBPCB officials from the various locations. The water samples collected were sent to the NABL accredited Central Laboratory of WBPCB for analysis to determine the constituents of pollutants discharged into the canal which may help to identify the nature of polluting industries. The results of the water quality assessment were submitted by WBPCB on 13.09.2023.
- 2) The samples collected from 6 locations were selected to analyse the drain water quality from upstream to downstream capturing the impact of all major drains discharging into the canal. Analytical data parameters such as lower pH value, higher TDS, higher conductivity, presence of chloride, iron and other metals indicates acidic iron containing discharges, possibly due to industrial effluent discharges, has a high impact at the upstream point. The pH increased gradually towards downstream but remained below 7 (neutral) all along up to the confluence point at the Ganges. The physico-chemical properties like TDS, Conductivity, TSS, Iron were found to be almost at similar higher levels all along the course. Dissolved Oxygen was found to be Below Detection Level at 5 out of 6 locations except near the confluence point. Lower or no Dissolved Oxygen, higher COD and BOD indicates that there are also organic pollutants being discharged into the canal. Increase in pH towards downstream may be attributed either to dilution with tidal water or addition of alkaline effluents. Overall observation based on site inspection and analytical results indicates that the canal water may be contaminated by industrial effluents of a few specific types of industrial units such as metal surface treatment units, electroplating units, galvanising units, dyeing and bleaching units etc.
- 3) The industrial units data received from the competent authority reveals about 131 Red Category Industries engaged in activities such as metal surface treatment units, electroplating, galvanising, coal-tar distillation, chemical industries, dyeing / bleaching units etc. from Jalan Industrial Complex, Sankrail Industrial Park and Poly Park. Out of these, about 81 industrial units appear



to have water polluting potential viz. Jalan Industrial Complex – 53 units, Sankrail Industrial Park – 21 units and Poly Park – 7 units.

- 4) It was resolved in the Committee meeting held on 15.09.2023 that an Inspection Sub-Committee shall be formed with technical experts from WBPCB lead by the member representatives of the Board in this Committee, namely Dr. Bijan Bhaumik, Scientist, WBPCB and Sri Bhim Tikader, Asst. Environmental Engineer, Howrah Regional Office, WBPCB.
- 5) Since WBPCB has the technical expertise, necessary equipment and trained manpower to undertake such an exercise for identification of violating industries based on effluent analysis from the ETPs and STPs etc. at these industrial units, it was decided that the WBPCB will undertake necessary inspections and submit its report. The Committee shared the list of potentially polluting industries with the Inspection Sub-Committee for further field investigations, effluent discharge analysis and requested the WBPCB to keep this Committee informed about the developments.
- 6) The Inspection Sub-Committee has reported that field investigations of potentially polluting industrial units at the Jalan Industrial Complex, Sankrail Industrial Park and Poly Park had been undertaken by the technical experts from the WBPCB and that they will submit their report directly to the Hon'ble NGT as directed.

SE, Western Circle-I, I&WD

ADM (Dev), Howrah

Senior Scientist, CPCB

AEE, Howrah RO, WBPCB

EE (AI), SWID

Scientist, WBPCB

- ✕ -      (42)

Inspection Report in the matter of Original Application No. 75/2023/EZ (Ankur Sharma - Vs - The State of West Bengal & Ors.) vide Hon'ble NGT order (Eastern Zone Bench, Kolkata) dated 14.08.2024.

The Hon'ble National Green Tribunal, Eastern Zone Bench constituted a committee comprising Senior Scientist, WBPCB, Senior Scientist, CPCB, District Magistrate, Howrah, or his nominee not below the rank of Additional District Magistrate, Howrah, Senior Engineer, Department of Irrigation and Waterways, Government of West Bengal and Senior Engineer, State Water Investigation Directorate (SWID), West Bengal in the matter. The District Magistrate, Howrah has been directed to act as the nodal agency for all logistic purposes. On 14.08.2024, Hon'ble Tribunal passed an order directing the committee to revisit the site and file a fresh Inspection Report along with the colour photographs.

Accordingly, the Committee had re-visited the site on 11.09.2024 and carried out a fresh inspection of the entire stretch of the Barjola/ Sarenga Canal.

The entire length of Barjola canal (approx. length 10.35 Km) passing through several industrial as well as residential areas along both side of canal. Jalan Industrial Complex, Sankrail Industrial Park and Poly/Food Park are prominent industrial areas having effluent discharges in Barjola canal; however, Ghoraghat -Abada area is dominated by residential and agricultural activities.

Total of 06 (six) nos. of water samples were collected by WBPCB officials from Barjola/Sarenga irrigation canal. The locations of samples collected are here under:

S. No.	Sampling location	Coordinates
1.	Barjola canal @ Upstream (u/s) of Jalan Industrial Complex	N 22.59364° E 88.213295°
2.	Drain from Jalan Industrial Complex	N 22.593562° E 88.213024°
3.	Sandhipur Khal @ Sankrail Industrial Park	N 22.567053° E 88.190237°
4.	Barjola canal @ Sonar Bangla Resort, NH-6	N 22.573888° E 88.187893°
5.	Barjola canal @ Goraghat	N 22.544139° E 88.199041°
6.	Barjola canal @ before confluence with Hooghly	N 22.521304° E 88.206838°

All the six (06) locations were inspected by the team constituted by Hon'ble NGT and sampling performed on 11.09.2024.

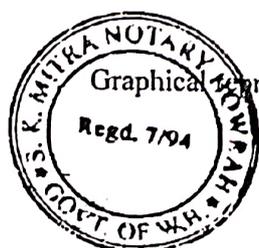


30 SEP 2024

The comparative analysis report of major parameters of recent sampling and previous sampling tabulated below:

Location	pH		COD (mg/L)		TSS (mg/L)		TDS (mg/L)		SAR	
	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024
U/S Jalan Ind. Complex	4.06	6.44	155.33	100.00	80.00	134.00	2354.00	1422.00	8.21	4.47
Drain at Jalan Ind. Complex	5.84	6.51	48.54	100.00	164.00	146.00	1644.00	1174.00	3.49	3.45
At Sonar Bangla Resort	5.89	6.68	174.74	90.00	68.00	92.00	2260.00	870.00	9.99	5.73
Sandhipur canal	6.41	6.94	155.33	120.00	126.00	86.00	2348.00	1594.00	11.91	9.00
Abada-Ghoraghat	6.28	6.70	106.79	60.00	84.00	90.00	1258.00	864.00	4.71	4.56
Before confluence with river Hooghly at Sarenga	6.68	6.71	38.83	50.00	188.00	110.00	2380.00	912.00	2.20	4.26

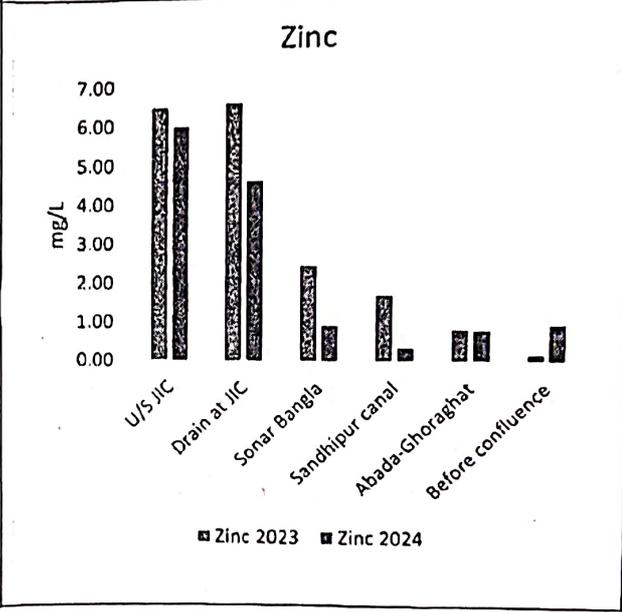
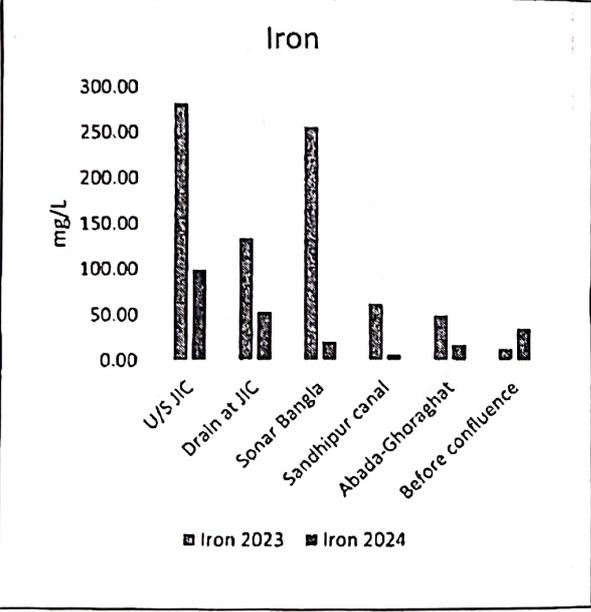
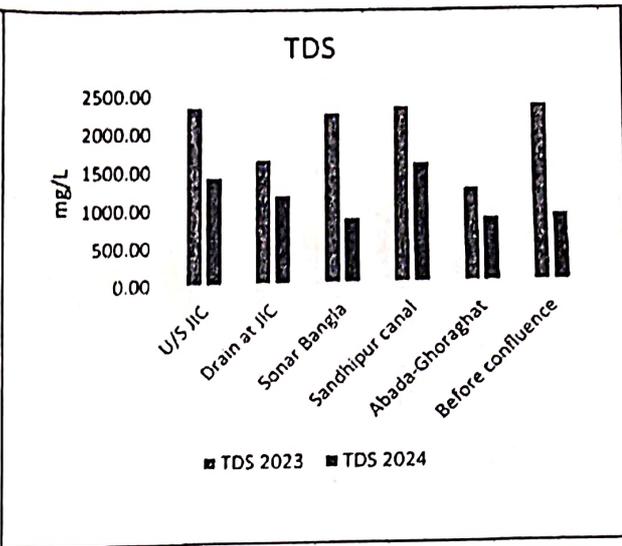
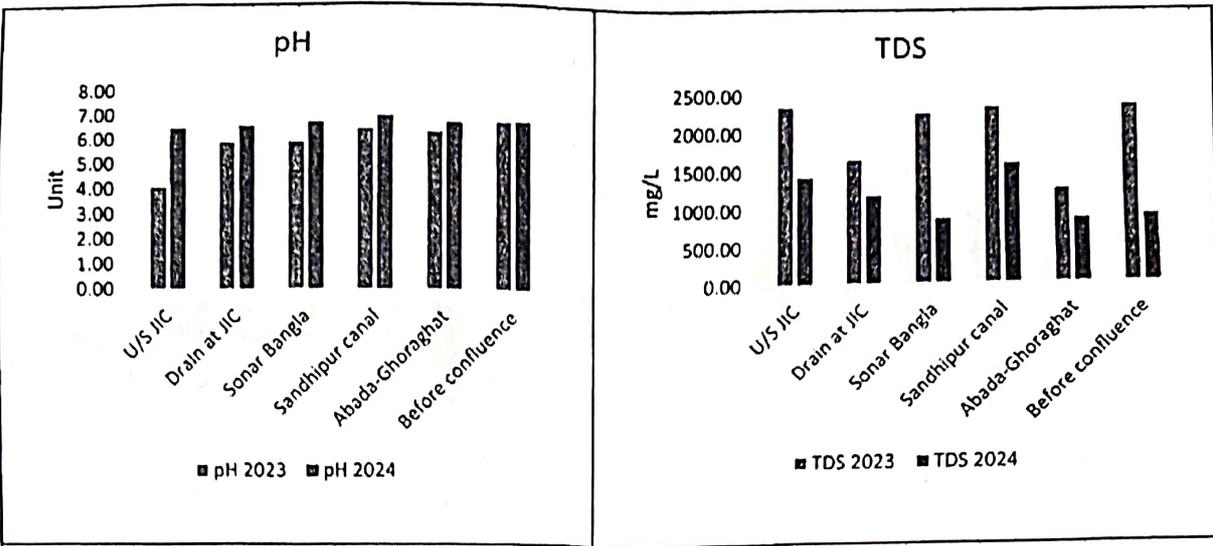
Location	BOD (mg/L)		Conductivity (uS/cm)		Iron (mg/L)		Zinc (mg/L)		Boron (mg/l)	
	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024
U/S Jalan Ind. Complex	38.25	31.67	3583.00	1780.00	282.00	99.45	6.48	6.00	BDL	BDL
Drain at Jalan Ind. Complex	23.79	50.00	1846.00	1298.00	134.00	53.66	6.59	4.60	BDL	BDL
At Sonar Bangla Resort	57.50	25.83	2452.00	1530.00	256.20	20.73	2.44	0.92	BDL	BDL
Sandhipur canal	62.63	78.13	1680.00	2597.00	63.20	6.60	1.69	0.34	BDL	BDL
Abada-Ghoraghat	10.58	22.25	1504.00	1476.00	50.10	17.73	0.81	0.79	BDL	BDL
Before confluence with river Hooghly at Sarenga	8.82	10.83	518.00	1250.00	13.53	35.38	0.16	0.93	BDL	BDL



Graphical representation of parameters of two samples is given below:

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### Results and Discussion:

The results in the table along with the graph indicates the overall improvement in the water quality in terms of physical appearance and chemical characteristics. Results when compared with the previous monitoring of 2023 with the present analysis of 2024 it clearly reveals that pH in all the location is within Best Use Water Quality Criteria i.e., 6.44 to 6.94. Also, the inorganic concentration of water in terms of COD shows the improvement in most of the points.

Similar pattern is observed in case of the organic pollution in terms of BOD in few locations, showing declining trend and at before confluence with Hooghly River at Sarenga, Bazarpara which is 10.83 mg/l. Also, it is needed to mention that to see the exact scenario, the team of NGT did the sampling in the low tide as a worst case whereas in the previous sampling in the year 2023 the sample was taken during high tide and there was dilution.

However, the metal concentration for zinc is also in the declining trend i.e., concentration of Zinc at Barjola Canal before confluence with Hooghly River at Sarenga, Bazarpara is 0.93 mg/l. The concentration is below the concentration of industrial effluent discharge. However, the concentration of iron is marginally high which is as per the Topographical nature of the Gangetic plain of West Bengal. Apart from this, the concentration of Boron was found below detection limit or NIL. Sodium Absorption Ratio is 4.26 which is within the desired limit i.e., below the ratio of 26.0 to be fit for irrigation purpose. The data corroborates with the Designated Best Use Water Quality Criteria i.e., Irrigation. It is observed that the results in most of the point are in the declining trend.

In 2023, the result in the table indicates COD, BOD, Iron and Zinc in most of the sampling points was quite high when sample was done during high tide but the result presently observed during low tide is quite low which is the indication of good improvement and management of the Jalan Industrial complex, Sankrail Industrial Park and Poly/ Food Park.

Overall improvement is noticed in the physical appearance of the water of the canal, as depicted in the photograph annexed as a ready reference.

Designated best use Water Quality Criteria is annexed as annexure - I.



30 SEP 2024



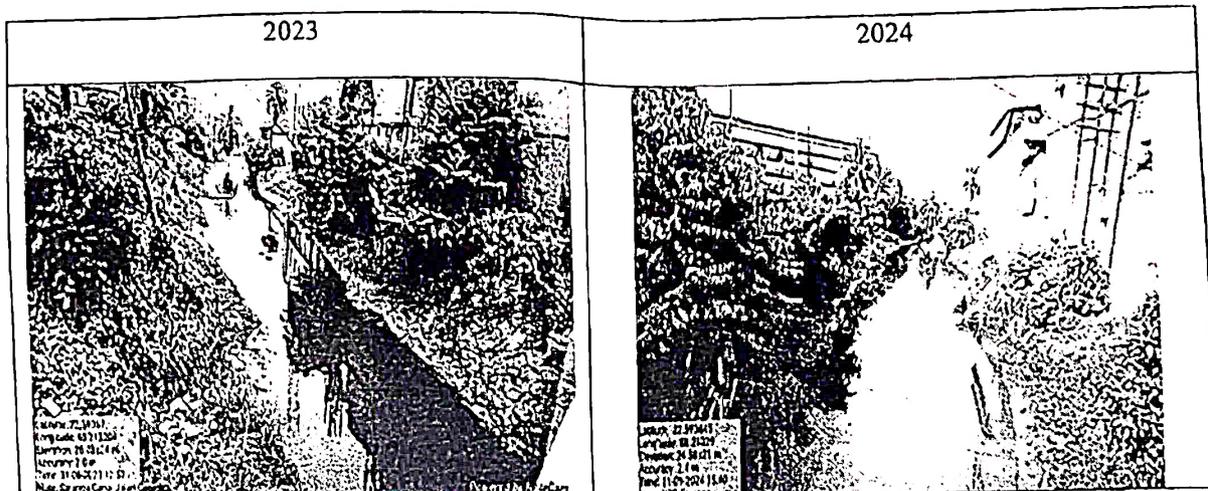
### Designated Best Use Water Quality Criteria

Designated-Best-Use	Class of water	Criteria
Drinking Water Source without conventional treatment but after disinfection	A	Total Coliforms Organism MPN/100ml shall be 50 or less pH between 6.5 and 8.5 Dissolved Oxygen 6mg/l or more Biochemical Oxygen Demand 5 days 20C 2mg/l or less
Outdoor bathing (Organised)	B	Total Coliforms Organism MPN/100ml shall be 500 or less pH between 6.5 and 8.5 Dissolved Oxygen 5mg/l or more Biochemical Oxygen Demand 5 days 20C 3mg/l or less
Drinking water source after conventional treatment and disinfection	C	Total Coliforms Organism MPN/100ml shall be 5000 or less pH between 6 to 9 Dissolved Oxygen 4mg/l or more Biochemical Oxygen Demand 5 days 20C 3mg/l or less
Propagation of Wild life and Fisheries	D	pH between 6.5 to 8.5 Dissolved Oxygen 4mg/l or more Free Ammonia (as N) 1.2 mg/l or less
Irrigation, Industrial Cooling, Controlled Waste disposal	E	pH between 6.0 to 8.5 Electrical Conductivity at 25C micro mhos/cm Max.2250 Sodium absorption Ratio Max. 26 Boron Max. 2mg/l



30 SEP 2024

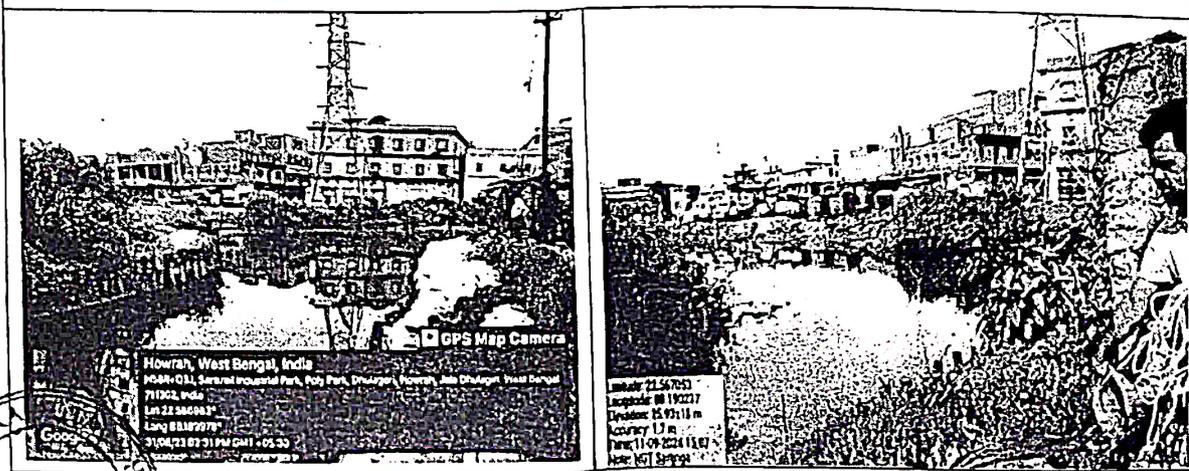
Pictorial Comparison of the canal water between 2023 and 2024



Pic. of Barjola canal @ Upstream (u/s) of Jalan Industrial Complex



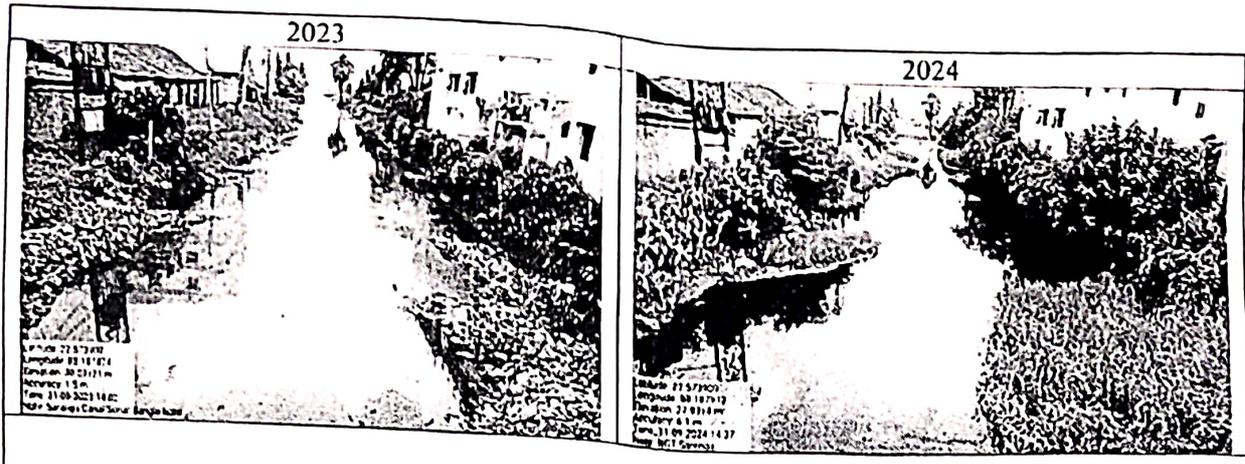
Pic. of drain from Jalan Industrial Complex



Sandhipur canal @ Sankrail Industrial Park



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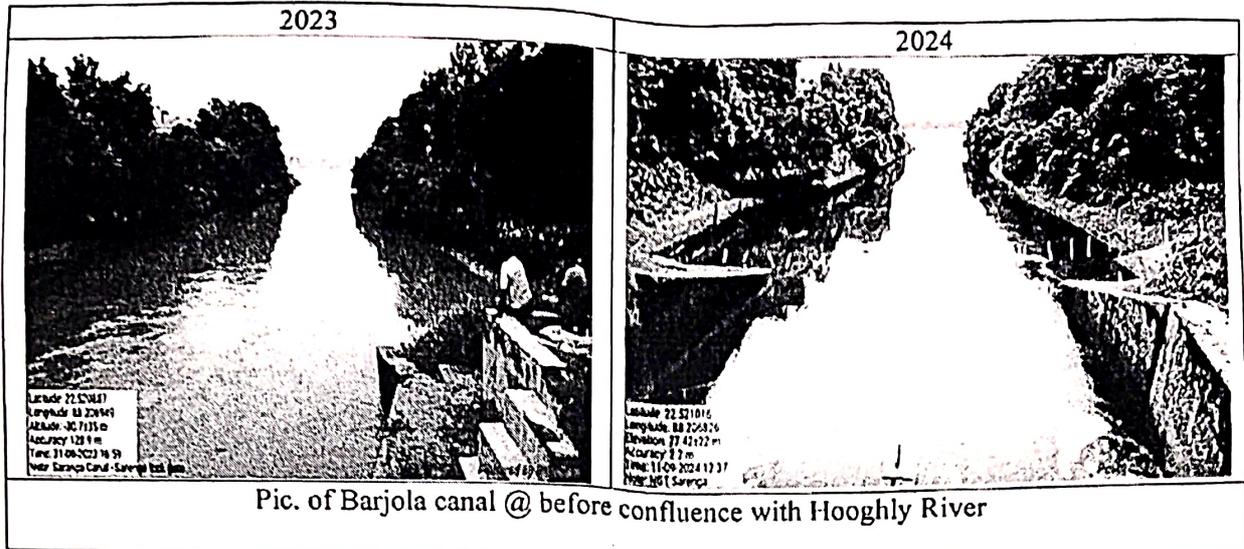
Pic. of Barjola canal @ Sonar Bangla Resort, NH-6



Pic. of Barjola canal @ Goraghat

V. RA. NOTARY HO/M/RAH  
 Regd. 7/94  
 CHIEF JUSTICE OF W.H.

  
 30 SEP 2024



Irrigation & Waterways Department has undertaken the following Initiatives for Improvement of Drainage Capacity of Barjola Canal and its adjoining Canals out falling into Barjola Canal:

1. Cleaning of water hyacinth from the canal as part of annual maintenance activities is done every year to mitigate drainage congestion and improvement of drainage discharge.
2. Scheme for improvement of Sandhipur Canal by re-sectioning and bank strengthening for a length of 2.0 km from Sandhipur Bus Stand (Near NH6) to outfall point of Barjola Khal (Near Sonar Bangla Motel), amounting to about Rs. 68 lakhs, for improvement of discharge capacity of the canal and avoid any water congestion problem in that drainage system as well as water logging problem in the adjacent industrial and village areas, has been completed in 2023.
3. DPR for Improvement of Bhabanandapur Khal for a length of 3.794 km and its two nos. Branch Channel for a length of 0.926 km from back side of M.J Industrial Park to its outfall point into Barjola Khal near Abada Railway Bridge and Barjola Khal for a length of 0.600 km from outfall point of Bhabanandapur Khal to its downstream by re-sectioning and bank strengthening to overcome drainage congestion within M.J Industrial Park, ITC Limited, Jindal India Limited and other Industrial Parks in Block & P.S- Panchla & Sankrail, Dist- Howrah, amounting to about 3 crores, has commenced and presently in progress.
4. DPR for improvement of Barjola Khal by re-sectioning for a length of 2.40 km from outfall point of Barjola Khal into Hooghly River near Ghoraghat concrete Bridge in Sankrail, amounting to Rs. 2.47 Crores has commenced and presently in progress.
5. DPR for de-siltation of Barjola Khal for a length of 7.35 km, starting from Jangalpur Village (Ch. 10.35 km) to Abada Rail Bridge (Ch. 3.00 km), Sankrail, amounting to about Rs. 7.07 crores have been approved by the Department and is under Tender Process. The work will commence shortly.



30 SEP 2024

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The Member Secretary, DLA & Geologist, SWID, Howrah has performed inspections in the Jalan Industrial Complex, Domjur, Howrah in the month of June & September 2024 & penalty notices have been issued to the defaulter industries for not obtaining permission for extraction of ground water.

*[Handwritten Signature]*

SE, Western Circle-I, I & WD

*[Handwritten Signature]*

ADM (LA & LR), Howrah

*[Handwritten Signature]*

Senior Scientist, CPCB

*[Handwritten Signature]*

AEE, Howrah RO, WBPCB

*[Handwritten Signature]*

EE (AI), SWID  
& SE(A-D), WRDD

*[Handwritten Signature]*

Scientist, WBPCB



*[Handwritten Signature]*  
30 SEP 2024

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R-2



Government of West Bengal  
Irrigation & Waterways Directorate  
Office of the Executive Engineer,  
Lower Damodar Construction Division, Fuleswar, Uluberia, Howrah  
(Office Telephone & Fax: 033-26610311; e-mail address: ee11deda@gmail.com)

Report in connection with Original Application No. 75/2023/EZ (Ankur Sharma -Vs.- The State of West Bengal & Ors.) vide Hon'ble NGT Order (Eastern Zone Bench, Kolkata) Dated 12.07.2023

Initiative of Irrigation & Waterways Department for improvement of Drainage Capacity of Barjola Canal and its adjoining Canals outfalling into Barjola Canal:

1. Cleaning of water hyacinth from the canal as part of annual maintenance activities is done every year to mitigate drainage congestion and improvement of drainage discharge.
2. Scheme for improvement of Sandhipur Canal by re-sectioning and bank strengthening for a length of 2.0 km from Sandhipur Bus Stand (Near NH6) to outfall point of Barjola Khal (Near Sonar Bangla Motel), amounting to about Rs. 68 lakhs, for improvement of discharge capacity of the canal and avoid any water congestion problem in that drainage system as well as water logging problem in the adjacent industrial and village areas, has been completed in 2023.
3. DPR for Improvement of Bhabanandapur Khal for a length of 3.794 km and its two nos. Branch Channel for a length of 0.926 km from back side of M.J Industrial Park to its outfall point into Barjola Khal near Abada Railway Bridge and Barjola Khal for a length of 0.600 km from outfall point of Bhabanandapur Khal to its downstream by re-sectioning and bank strengthening to overcome drainage congestion within M.J Industrial Park, ITC Limited, Jindal India Limited and other Industrial Parks in Block & P.S- Panchla & Sankrail, Dist- Howrah, amounting to about 3 crores, has commenced and presently in progress.
4. DPR for improvement of Barjola Khal by re-sectioning for a length of 2.40 km from outfall point of Barjola Khal into Hooghly River near Ghoraghat concrete Bridge in Sankrail, amounting to Rs. 2.47 Crores, has commenced and presently in progress.
5. DPR for de-siltation of Barjola Khal for a length of 7.35 km, starting from Jangalpur Village (Ch. 10.35 km) to Abada Rail Bridge (Ch. 3.00 km), Sankrail, amounting to about Rs. 7.07 crores, has been approved by the Department and is under Tender Process. The work will commence shortly.



  
Executive Engineer-I  
Lower Damodar Construction Division

  
30 SEP 2024

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Government of West Bengal  
Water Resources Investigation & Development Department Office  
of the Geologist  
Geological Sub-Division No-II D, Howrah  
State Water Investigation Directorate  
Old Collectorate Building, 2<sup>nd</sup> Floor  
1/2, M.G. Road Howrah-711101 Phone  
No.- (033) 2638 1181  
Email-geolswidhowrah@gmail.com

R-3

Inspection Report in connection with the NGT Case of O.A. 75/2023/EZ(NGT), Ankur  
Sharma Vs the State of West Bengal and Ors.

In connection with the referred NGT case, undersigned as Member Secretary, DLA, Howrah has performed the following inspections in the Jalan Industrial Complex, Domjur, Howrah, after 08.09.2023 till date, in consultation with the authorities of S.W.I.D. The report of the said inspection is being mentioned in the following proforma:

SL. No.	Name of The Industry	Address of Industrial Unit	Date of Inspection	Observation Found	Actions Taken Thereon	Remarks
1	Power Agro	Jalan Industrial Complex	26.09.2023	Requisite Permission for Ground Water Extraction not taken	Penalty Notice served (Penalty submitted on 1/11/2023)	Permit grant in 49 <sup>th</sup> DLA
2	Pushpa Kothari	Do	Do	Do	Penalty Notice served	One No. of unauthorized Tube Well found
3	Tropicana Exotic Pvt. Ltd	Do	Do	Do	Penalty Notice served (Penalty submitted on 11/10/2023)	Do
4	Kamdhenu Udyog Pvt. Ltd	Jalan Industrial Complex	22.11.2023	Permit obtained on 27.12.23 & 05.09.24	Penalty Notice served (Penalty submitted on 24/11/2023)	Permit grant in 49 & 50 D.L.A.
5	Corrub Industries	Do	Do	Requisite Permission for Ground Water Extraction not taken	Penalty Notice served	One No. of unauthorized Tube Well found
6	Uma Udyog	Do	Do	Do	Penalty Notice served (Penalty submitted on 22/12/2023)	Do
7	S.R. Creation	Do	Do	Do	Penalty Notice served (Penalty submitted on 22/12/2023)	Do



30 SEP 2024

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IX

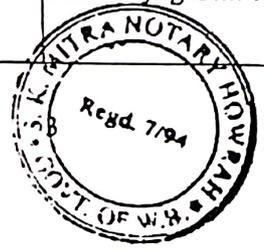
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Name of The Industry	Address of Industrial Unit	Date of Inspection	Observation Found	Actions Taken Thereon	Remarks
8 Esteem Tubes Pvt. Ltd	Do	Do	Do	Penalty Notice served (Penalty submitted on 26/12/2023)	One No. of unauthorized Tube Well found
9 S.S.Enterprise	Jalan Industrial Complex	22.11.2023	Requisite Permission for Ground Water Extraction not taken	Penalty Notice served (Penalty submitted on 11/03/2023)	Do
10 Isha Enterprise	Do	Do	Do	Penalty Notice served	Do
11 Livoro Industries	Do	Do	Do	Do	Do
12 R K T E State Processing & Distribution	Do	Do	Do	Do	Do
13 Anil Balaji Steel	Do	Do	Do	Do	Do
14 Ambar Paints & Chemicals	Jalan Industrial Complex	14.06.2024	Requisite Permission for Ground Water Extraction not taken	Penalty Notice served	One No. of unauthorized Tube Well found
15 Vinayak Oil & Fats Pvt. Ltd.	Do	Do	Applied for Permit for extraction of groundwater	Penalty Notice served (Penalty submitted on 24/06/2024)	Placed in 51 D.L.A.
16 Kelvin Furnitures Pvt. Ltd.	Do	Do	Requisite Permission for Ground Water Extraction not taken	Penalty Notice served	One No. of unauthorized Tube Well found
17 Akash Feeds & Chicks Pvt. Ltd.	Jalan Industrial Complex	24.06.2024	Requisite Permission for Ground Water Extraction not taken	Penalty Notice served (Penalty for two borewells submitted on 22/07/2024)	Two Nos. of unauthorized Tube Well found
18 Prestar Infrastructure Project Ltd	Do	Do	Do	Penalty Notice served (Penalty submitted on 03/07/2024)	One No. of unauthorized Tube Well found
19 Indo Plast Udyog Pvt. Ltd	Do	Do	Do	Penalty Notice served (Penalty submitted on 19/07/2024)	Do



30 SEP 2024

No.	Name of The Industry	Address of Industrial Unit	Date of Inspection	Observation Found	Actions Taken Thereon	Remarks
20	Pauhaariji Engineering Pvt.Ltd	Jalan Industrial Complex	24.06.2024	Requisite Permission for Ground Water Extraction not taken	Penalty Notice served	One No. of unauthorized Tube Well found
21	Swastik Oil Refinery Pvt.Ltd	Do	Do	Do	Do	Do
22	Bina Traders Pvt. Ltd.	Jalan Industrial Complex	09.09.2024	Requisite Permission for Ground Water Extraction not taken	Penalty Notice served	One No.of unauthorized Tube Well found
23	Howrah Ferrous Limited	Do	Do	Do	Do	Do
24	Nidhi Castings & Alloys Pvt. Ltd.	Do	Do	Do	Do	Do
25	Samta Polymers Limited	Do	Do	Do	Do	Do
26	R. S. Oil Industries	Do	Do	Do	Do	Do
27	Ganapati Engineering Co.	Do	Do	Do	Do	Do
28	Skynet Commosales Pvt. Ltd.	Do	Do	Do	Do	Do
29	East India Confectionaries	Do	Do	Do	Do	Do
30	Rungta PetroCarbs Pvt. Ltd.	Do	Do	Do	Do	Do
31	I & B Engineer Pvt. Ltd.	Do	Do	Do	Do	Do
32	Shakti Protein Pvt. Ltd.	Do	Do	Do	Do	Do
33	Ganapati Agro.	Do	Do	Do	Do	Do
34	Rukmani Fab & Gar Pvt. Ltd.	Do	Do	Do	Do	Do
35	Bina Udyog Unit II	Do	Do	Do	Do	Do



30 SEP 2024

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-2X-

32472

No.	Name of The Industry	Address of Industrial Unit	Date of Inspection	Observation Found	Actions Taken Thereon	Remarks
36	Rajesh Medical Compound & B. D. Pharmaceuticals	Jalan Industrial Complex	09.09.2024	Requisite Permission for Ground Water Extraction not taken	Penalty Notice served	One No. of unauthorized Tube Well found

Yours Faithfully,

*[Signature]*  
12/09/24

Geologist  
&

Member Secretary, DLA  
Geological Sub Division No. 11 D  
S.W.I.D, Howrah

Submitted on behalf of S.W.I.D as instructed by the  
Representing Officer from S.W.I.D

*[Signature]*  
12/09/24

Geologist  
&

Member Secretary  
Ground Water Resources  
Development Authority  
Govt. of W. B.



30 SEP 2024



R-4

  
 Government of West Bengal  
 Office of the Block Development Officer  
 &  
 Programme Officer  
 Domjur Development Block

Ph.No.(033)-26700222(O)/033-26705794(Fax)

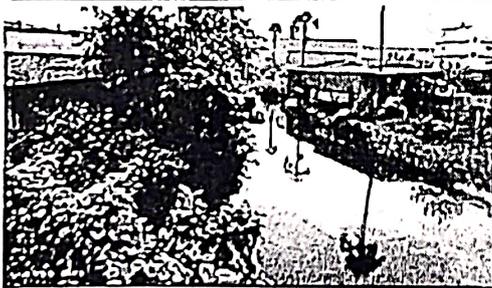
E-Mail: bdodomjur@gmail.com

Memo No. 3038

Date:13.09.2024

Report regarding awareness & cleanliness activities alongside Barjola canal under Domjur Block, Howrah

A little part of Barjola canal passes through Kolorah-II & Begri Gram Panchayat under Domjur Dev. Block and most of the part is in the course of the canal at Sankrail Dev. Block, Howrah and at the end of the canal it meets with the Hooghly river at Sarenga lock gate. Some initiatives have been taken to keep it clean and made the inhabitants aware by the local Gram Panchayats and directly monitored by the Block. Previously Soak Pit and Litch Pit have been constructed by the Kolorah II Gram.Panchayat. At present 04 (four) nos. of GWM project are work in progress condition at Rudrapur Gram Panchayat and 04 (four) nos. of same project of Begri Gram Panchayat also in process under monitoring of the Domjur Block. Moreover, E cart tender have already completed & work order issued for 03 (three) nos. of SWM project jointly Rudrapur GP with Begri GP. Besides its, for direct awareness and keep the environment clean some flexes have been swing on the bank of the canal.



  
 Block Development Officer  
 Domjur Development Block

  
 13/9/2024



30 SEP 2024



Report on the matter of O.A. No. 75/2023/EZ (Ankur Sharma Vs The State of West Bengal & Ors.) vide Hon'ble NGT Order (Eastern Zone Bench, Kolkata).

In view of the Order passed by the Hon'ble National Green Tribunal (Eastern Zone Bench, Kolkata) on the matter of O.A. No. 75/2023/EZ (Ankur Sharma Vs The State of West Bengal & Ors.), a recent visit was taken place by the district team headed by the Additional District Magistrate (LR), Howrah on 11-09-2024 and the representative of the undersigned participated in the said district team.

A meeting was held in the chamber of the undersigned with the following Industrial Parks on 18-09-2024 to access the measures taken by the industries on reducing water pollution and a general awareness on pollution related matters.

- 1. Jalan Industrial Complex.
- 2. Sankrail Industrial Parks.
- 3. Sudharas Poly Park.



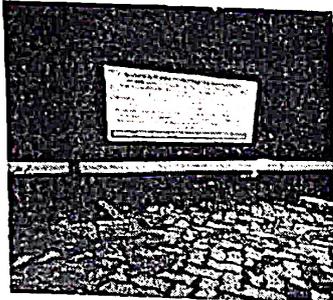
Meeting at Office of the GM, DIC, Howrah in progress- between Govt. officials and Park Members.



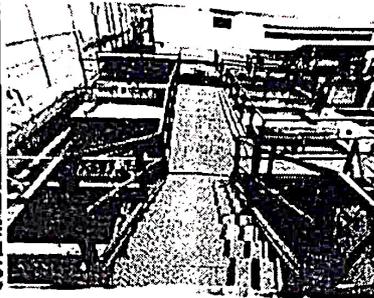
30 SEP 2024

Associations of the above mentioned Parks informed in the meeting that:-

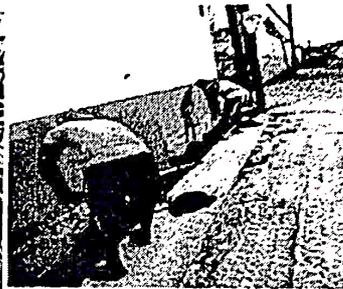
- Most of the industries in the Park are operating as per permissible norms and recommendation of West Bengal Pollution Control Board
- A large number of industries in the above mentioned Parks have been installed Effluent Treatment Plant (ETP) those are used water during their production process.
- Association of the above three Parks are continuously publicizing awareness on the matter of water pollution and other pollution through Posters, banners and festoons inside the parks.



Awareness Poster



ETP



Cleaning

The matter of effluents emanating from this park to the drainage canals/ irrigation canals was discussed in the above mentioned meeting with the parks. It was emphasized that such things need immediate cessation and remedy.

The above mentioned Parks were urged in the meeting to do the following action:-

- Create more awareness among all member units about the water pollution through frequent meetings, seminars etc.
- Use IEC materials for creating such awareness. IEC materials should be placed at various locations in the respective park for easy and frequent viewing to all.
- Introduce regular monitoring of environment friendly industrial practice.
- Do proper effluent treatment before discharging into Barjola canal.
- Comply all statutory norms of West Bengal Pollution Control Board and Central Pollution Control Board.

\*\* It may kindly be noted that a similar type of meeting was also organised by the undersigned with the park members and associations of the above mentioned three parks on the matter of O.A. No. 75/2023/EZ (Ankur Sharma Vs The State of West Bengal & Ors.).



30 SEP 2024

*[Signature]*  
 30/9/24  
 General Manager  
 District Industries Centre  
 Howrah

Table 1 Physico-chemical characteristics of Barjola canal (2024-2025)

Year/Season	2024 POM	2025 PEM
Flow (MLD)	462.85	131.00
Color (CU)	30	40
pH	6.14	5.53
BOD (mg/l)	47	112
BOD load (TPD)	21.75	14.67
COD (mg/l)	107	172
BOD/COD	0.44	0.65
TSS (mg/l)	60	148
TDS (mg/l)	2408	2957
Cl (mg/l)	1094	1586
Ammonia N (mg/l)	22	18
Nitrate N(mg/l)	BDL	0.14
Sulphate (mg/l)	76	98
Phosphate P (mg/l)	0.02	0.1
Total Coliform (MPN/100ml)	7900000	7900
Faecal Coliform (MPN/100ml)	1100000	790
As (mg/l)	BDL	BDL
Cd (mg/l)	BDL	BDL
Cr (mg/l)	0.073	1.205
Cu (mg/l)	BDL	0.011
Fe (mg/l)	143.358	242

Pb (mg/l)	BDL	BDL
Mn (mg/l)	1.483	2.7
Ni (mg/l)	BDL	0.123
Zn (mg/l)	1.712	0.6
Co (mg/l)	BDL	0.011
Se (mg/l)	BDL	BDL
V (mg/l)	BDL	BDL



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केन्द्रीय प्रदूषण नियंत्रण बोर्ड  
CENTRAL POLLUTION CONTROL BOARD  
(पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार)  
(Ministry of Environment, Forest & Climate Change, Govt. of India)  
क्षेत्रीय निदेशालय, कोलकाता  
Regional Directorate, Kolkata



PJ-14014(12)/2021-TECH-RD-KOLKATA-RD (Kolkata)/53 3

Dated, 11<sup>th</sup> August, 2025

To,

The Member Secretary,  
West Bengal Pollution Control Board,  
Paribesh Bhawan, LA Block, Sector 3,  
Bidhannagar, Kolkata, West Bengal 700106.

**Subject:** Action Required on Drains Discharging into River Ganga and Solid Waste Management in West Bengal

**Ref:** CPCB RDK letter PJ-14014(12)/2021-TECH-RD-KOLKATA-RD (Kolkata) dated 06.12.2024

Sir,

This has reference to the above-mentioned CPCB RDK letter 06/12/2024 (copy enclosed as Annexure I) sharing findings from joint monitoring of 97 drains during pre-monsoon 2024, with a request to submit a detailed action plan within 30 days.

Subsequently, CPCB RDK, in collaboration with WBPCB, monitored 104 first-order drains discharging into the Ganga during the post-monsoon period (Dec 2024–Jan 2025). Key findings are as follows

1. **Discharge from Ramkrishna ghat drain:** The main discharge point of the drain was observed to be closed and overflow of 0.51 MLD recorded from a pit located adjacent to the drain position having the following characteristics:
  - i. pH -5.55; BOD & COD-39 mg/l and 84 mg/l respectively; total coliform & fecal coliform <1.8 MPN/100 ml; sulphate-351 mg/l, nitrate-166.21 mg/l, ammoniacal nitrogen -39 mg/l values highest amongst all the 104 drains. Heavy metal levels were also very high with cadmium-40.2 mg/l, iron - 241 mg/l, copper - 9.948 mg/l, manganese - 4.75 mg/l, nickel 2.17 mg/l and zinc-21.95 mg/l.

Clearly, the effluent is highly toxic killing even the intrinsic microbial population of a drain where widescale open defecation was also observed. It is alarming to note that this acidic, highly toxic effluent is directly entering river Ganga.

Contd/-

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## 2. Inadequate drain infrastructure:

- i. Five (05) drains are reported to be fully tapped while four (04) are partially tapped but during post monsoon 2024 (Dec,2024-Jan, 2025), overflow was reported in all nine drains with tapping entirely open in all of them.
- ii. Interim measures and installation of V notch has not been reported in any of the 104 drains.
- iii. Bar screens are reported only in 11 drains out of which two (02) are broken.

## 3. Drains requiring immediate intervention:

- i. The drains are categorized based on the following criteria in Table 1, 2, 3 & 4 (placed as annexure II) respectively:
  - a. elevated levels of BOD ( $> 100$  mg/l) and COD ( $> 300$  mg/l),
  - b. Very high flow ( $\geq 25$  MLD) and  $BOD \geq 30$  mg/l as well as high BOD ( $> 100$  mg/l) and moderate flow (between 5-15 MLD),
  - c. low flow ( $< 5$  MLD) and  $BOD \geq 30$  mg/l
  - d. non-compliance to the General Standards for Discharge of Environmental Pollutants into Inland Surface Water Part A Schedule VI of Environmental (Protection) Rules, 1986.

Drains with high BOD and flow require immediate intervention since they are critical pollution hotspots having significant impact on the river water quality. On the other hand, drains with low flow ( $< 5$  MLD) and significant BOD ( $\geq 30$  mg/l) also require intervention since they present significant localized pollution risk as low-volume, high-strength discharges tend to form concentrated pollution plumes, localized eutrophication as well as pose public health concerns due to high risk of vector borne diseases, high pathogenic and algal growth.

As per minutes of the meeting dated 14.05.2024 issued vide office memorandum dated 05.06.2024, priority for tapping/intervention should be given to the drains with BOD level  $\geq 100$  mg/l and moderate flow, as well as those drains with high flow rate and moderate BOD level (around 50 mg/l).

- ii. Colour was reported to be as high as 300 Hazen in case of Kanchantala -I drain and 120 Hazen in three drains, namely, DVC canal, N.C.Pal Khal and Bhatpara Drain.
- iii. Unusually high foaming and foul smell reported in the Majher Char drain, Kalyani.

## 4. MSW dumping scenario:

- i. Solid waste dumping including municipal waste, plastic waste, cattle waste and open defecation is a major problem in the state with 65 out of 104 drains reported to have solid waste dumping as well as open defecation issue. (Refer to Table 5 in Annexure II).

## 5. Inaccessibility and safety issues during drain monitoring:

- Monitoring teams have mentioned that sampling and flow measurement in Telkal ghat is highly dangerous due to accessibility issues. Proper sampling platforms are required.



To address these aforementioned critical issues, WBPCB may kindly take coordinated action with concerned agencies to:

1. **Address pollution in Ramkrishna Mallick Ghat drain:** Restrict the discharge of untreated/partially treated effluent in the Ramkrishna Mallick Ghat drain for which CPCB has already issued directions dated 22.11.2022 u/S 18(1)(b) to WBPCB.
2. **Improve drain infrastructure:** Strengthen interception/diversion to STPs, develop interim measure and construct safe sampling points where necessary.
3. **Address Solid Waste Issues** – Curb dumping/open defecation and install/maintain bar screens to prevent waste from entering water bodies.

A detailed action plan with timelines and the Action Taken Report, in compliance with CPCB RDK letter dated 06.12.2024, may kindly be submitted within 30 days of receipt of this letter.

Yours faithfully,

(M. K. Biswas)  
Regional Director

**Table 1:** List of drains having elevated BOD (> 100 mg/l) and COD (> 300 mg/l) levels

SI No.	Name of the drain	BOD (mg/l)	COD (mg/l)
1	Rishra burning ghat	256	532
2	Bagh Khal, Rishra & Konnagar	111	216
3	Kamarhati Drain @ Jute Mill, Kamarhati	141	312
4	130- Foreshore Road Drain, Howrah	165	452
5	101, Foreshore Road Drain, Howrah	150	220
6	Dhanketikhal, Garden Reach	103	129
7	Dakshineswar ferry ghat drain, Dakshineswar	134	191
8	Jagannath Drain-I, Belur	101	164
9	Barrackpore Drain (SP Bunglow)	136	502
10	Rattala- Gorabazar Beherampore	119	224
11	Gariffa Drain (North)	117	314
12	Sakhai Para Ghat Drain, Katwa	119	300
13	N.C.Pal Khal	106	359
14	Bhatpara Drain	138	753
15	Khardha Khal, Khardha	99	316
16	Drain between Pratapnagar & Rajbari, Jaggatdal	96	524

**Table 2:** List of drains identified for immediate intervention (flow $\geq$ 25 MLD and BOD $\geq$ 30 mg/l as well as drains with flow between 5-15 MLD and BOD $>$ 100 mg/l)

SI No.	Name of the drain	Flow(MLD)	BOD (mg/l)
1	Bagh Khal, Rishra & Konnagar	97.58	111
2	Dakineshwar -Alambazar	68.28	64
3	Shibpur Burning Ghat, Howrah -Shibpur	25.71	92
4	Tolly Nullah (Adi Ganga)	257.94	44
5	Dhanketikhal, Garden Reach	25.37	103
6	Barrackpore Drain (SP Bunglow)	25.92	136
7	Cossipore Khal	49.76	51
8	Drain @ Bazarpara, Garighat Sharenga Khal	462.85	47
9	Majher Char Khal, Kalyani	31.6	35
10	Talpukur	29.808	32
11	Khardha Khal, Khardha	35.64	99
12	Chinsurah -Majir Rasta Drain	46.29	40
13	Bhatpara open pucca drain	153.22	50
14	Debitala Pancha khal	32.58	40
15	130- Foreshore Road Drain, Howrah	5	165
16	Jagannath Drain-I, Belur	5.88	101
17	Gariffa Drain (North)	13.19	117

Table 3: List of drains having low flow <5 MLD and BOD $\geq$ 30 mg/l)

SI No.	Name of the drain	Flow(MLD)	BOD (mg/l)
1	Drain near PB Ghat @ Kamarhati	2.3	74
2	Ramkrishna Mullick Ghat, Howrah	0.51	39
3	Dewangazi Drain, Bally	1.73	60
4	Balughat, Manirampore, Pucca drain, Barrackpore	3	75
5	Rattala- Gorabazar Beherampore	4.93	119
6	Baranagar/Kuthighat Khal	0.26	75
7	Drain at Akhash Ganga ghat, Chandannagar	3.7	68
8	Telini para drain	2.82	90
9	Drain at Ramghat Naihati	2.21	64
10	Dhopa Ghat Drain, Hooghly	1.24	30
11	Sarishapara	2.59	44
12	N.C.Pal Khal	4.63	106
13	Bhatpara Drain	3.02	138
14	Drain between Pratapnagar & Rajbari, Jaggatdal	4.07	96

Table 4: List of drains having parameters exceeding the General Standards for Discharge of Environmental Pollutants into Inland Surface Water Part A Schedule VI

SI No	Name of the drain	BO D (mg /l)	CO D (mg /l)	TSS (mg /l)	Cl- (mg /l)	PO4-P (mg/l)	Cd (mg /l)	Cu (mg /l)	Zn (mg /l)	Pb (mg /l)
1	Rishra burning ghat	256	532	511	-	-	-	-	-	-
2	Bagh Khal, Rishra & Konnagar	111	312	215	-	-	-	-	-	-
3	Drain near PB Ghat @ Kamarhati	74	-	-	-	-	-	-	-	-
4	Kamarhati Drain @ Jute Mill, Kamarhati	141	-	251	-	-	-	-	-	-
5	Dakineshwar -Alambazar	64	-	-	-	-	-	-	-	-
6	Ramkrishna Mullick Ghat, Howrah	39	-	139	-	-	40.207	9.948	21.935	-
7	130- Foreshore Road Drain, Howrah	165	452	248	-	-	-	-	-	-
8	101, Foreshore Road Drain, Howrah	150	-	-	-	-	-	-	-	-
9	Shibpur Burning Ghat, Howrah -Shibpur	92	-	201	-	-	-	-	-	-
10	Tolly Nullah (Adi Ganga)	44	-	489	-	-	-	-	-	-





Sl No	Name of the drain	BO D (mg /l)	CO D (mg /l)	TSS (mg /l)	Cl- (mg /l)	PO4-P (mg/l)	Cd (mg /l)	Cu (mg /l)	Zn (mg /l)	Pb (mg /l)
41	Botanical Garden -I, Kolkata	37	-	-	-	-	-	-	-	-
42	N.C.Pal Khal	106	359	218	-	5.74	-	-	-	-
43	Thannar Khal, Naihati	35	-	-	-	-	-	-	-	-
44	Bhatpara open pucca drain	50	-	140	-	-	-	-	-	-
45	Bhatpara Drain	138	753	504	-	6.27	-	-	-	-
46	Alliance Jute Mill Drain	48	255	168	-	-	-	-	-	-
47	Drain between Pratapnagar & Rajbari, Jaggatdal	96	524	371	-	-	-	-	-	-
48	Debitala Pancha khal	40	-	-	-	-	-	-	-	-
49	New Bagher khal	-	-	139	-	-	-	-	-	-
50	Jhikhurkhali drain	-	-	-	101 2	-	-	-	-	-
51	Chakmadhu, Nalpur near Bauria ferry ghat	-	-	-	-	-	-	-	-	0.1 26

Table 5: List of 65 drains grappling with the problem of solid waste dumping

Sl No.	Name of Drain	District	City/Towns in Catchment/nearby	Observation made by Inspection Team
1	Bagh Khal, Rishra & Konnagar	Hooghly	Konnagar- Rishra	Dumping of solid waste on drain banks.
2	Drain near PB Ghat @ Kamarhati	North 24 Paragnas	Kamarhati	Huge solid waste dumping in the drain at the point where it is open. Solid waste dumping hindering the intrinsic flow of the drain
3	Kamarhati Drain @ Jute Mill, Kamarhati	North 24 Paragnas	Kamarhati	Huge amount of solid waste dumping in the drain which is affecting the intrinsic flow of the drain. The confluence point was not accessible due to huge dumping of solid waste
4	Dakineshwar Alambazar	North 24 Paragnas	Dakineshwar	Solid waste dumped on the banks of the drain.
5	Telkal Ghat drain	Howrah	Howrah Municipality	Solid waste present
6	Ramkrishna Mullick Ghat	Howrah	Howrah Municipality	Open defecation was observed around the drain location
7	130- Foreshore Road Drain,	Howrah	Howrah Municipality	Open defecation, solid waste and cattle farming observed around the drain location
8	101, Foreshore Road Drain	Howrah	Howrah Municipality	Open defecation and dumping of solid waste in and around the drain



SI No.	Name of Drain	District	City/Towns in Catchment/nearby	Observation made by Inspection Team
9	Shibpur Burning Ghat, Howrah -Shibpur	Howrah	Howrah Municipality	Open defecation and dumping of solid waste in and around the drain
10	Tolly Nullah (Adi Ganga)	Kolkata and S24 Paragana	Kolkata	Solid waste dumping was observed
11	Dhanketikhal, Garden Reach	Kolkata	Kolkata	Huge amount of solid waste dumping observed in the drain.
12	Dewangazi Drain, Bally	Hooghly	Bally	Solid waste dumping observed
13	Munikali Khal (formerly Drain @ Akhra Food ghar)	Kolkata	Maheshtala	Lock gate was observed with floatable solid waste and water hyacinth near d/s of gates in the drain.
14	Muni Khali Khal (Akhra Ferry Ghat)	Kolkata	Maheshtala	Dumping of solid waste on both sides of drain near the confluence point was observed.
15	Monirampore - Barrackpore	North 24 Paragnas	Barrackpore	Solid waste dumping observed
16	Balughat, Manirampore, Pucca drain	North 24 Paragnas	Barrackpore	Solid waste present
17	Barrackpore Drain (SP Bunglow)	North 24 Paragnas	Barrackpore	Cattle wastes found
18	Dhobi Ghat Drain, Barrackpore	North 24 Paragnas	Barrackpore	Solid waste dumping observed
19	Jangipur Drain	Murshidabad	Jangipur	Plastic waste, Glass bottle was observed in and around the drain
20	Rattala- Gorabazar Beherampore	Murshidabad	Berhampore	1. Huge amount of solid waste mainly plastic waste including plastic packets, chips packet, plastic bottles was observed in and around the bank of the drain.
21	Baranagar/Kuthighat Khal	North 24 Paragnas	Baranagar	Open defecation, dumping of plastic waste observed near the drain
22	Cossipore Khal	Kolkata	Baranagar	Open defecation observed
23	Chitpur Ghat khal	Kolkata	Kolkata	Several instances of open defecation are being carried out over the drain by local residents at the u/s of the drain.
24	Saraswati Khal, Sankrail	Howrah	Howrah	Excessive amount of solid waste including plastic waste, market waste was dumped in and around the bank of the drain including confluence point.



SI No.	Name of Drain	District	City/Towns in Catchment/nearby	Observation made by Inspection Team
25	Sankrail, near Manikpur ferry ghat	Howrah	Sankrail	Market (Vegetable, fish etc) was located on the Sarenga bridge and market waste was getting dumped into this canal.
26	Chandannagar Drain	Hooghly	Chandannagar	Solid waste dumping in drain was observed
27	Gondal Para	Hooghly	Chandannagar	Huge solid waste dumping in the drain was observed
28	Budge Budge -Pujali	South 24 Paragnas	Budge Budge	Severe solid waste dumping was observed along the drain bank.
29	Dakshin Raypur	South 24 Paragnas	Bansberia	MSW, open defecation observed along the stretch
30	Baratala	South 24 Paragnas	Baratala	MSW, open defecation observed along the stretch
31	Falta -III	South 24 Paragnas	Budge Budge	MSW, open defecation observed along the stretch
32	Scrapore/ Bhagirathi Drain	Hooghly	scrapore	Solid waste deposition along the drain was observed
33	Gariffa Drain (North)	North 24 Paragnas	Naihati	Some amount of solid waste dumping but majorly cattle waste dumping
34	Gariffa Drain (South)/Ramaghat Drain-Open Pucca Drain	North 24 Paragnas	Naihati, Gariffa	Huge solid waste dumping and open defecation observed at confluence.
35	Drain at Dadu Ram ghat, Naihati	North 24 Paragnas	Naihati	Drain broken and converted into a solid waste dumping site with stagnant wastewater and solid waste directly reaching river Ganga during high tide
36	Drain at Ramghat Naihati	North 24 Paragnas	Naihati	Open defecation observed adjacent to the drain all along the ghat.
37	Jhikhurkhali drain	East Midnapore	Haldia	Solid waste including plastic bottles, packets, chips packet was observed near the lock gate.
38	Bagher Khal, (fodder Khal)	Nadia	Kanchrapara	Solid waste dumping in the drain was observed by the tea stalls and small shops in vicinity of the drain.
39	New Bagher khal	Nadia	Halisahar, Kalyani, Kanchrapara	Solid waste dumping was observed
40	Drain at Halisahar municipality	North 24 Paragnas	Halisahar	Huge amount of solid waste dumping was observed on the drain and on the road beside the drain.
41	ITC Tribeni Drain, Hooghly	Hooghly	Triveni	Solid waste and plastic waste were found at confluence point.
42	BTPS Out fall Drain - I, Hooghly	Hooghly	Triveni	Confluence point was found full of solid waste, plastic waste etc



SI No.	Name of Drain	District	City/Towns in Catchment/nearby	Observation made by Inspection Team
43	Dhopa Ghat Drain, Hooghly	Hooghly	Bansberia	Confluence point was found to be full of solid waste, plastic waste, and ritualistic waste. MSW floating in the drain, Open defecation also observed.
44	Rosbara khal, Hooghly	Hooghly	Chinsurah, Bandel	Plastic waste as well as municipal waste were found floating in the drain as well as around the drain
45	Talpokur	North 24 Parganas	Titagarh	Flow of the drain was blocked in places due to solid waste dumping.
46	Titagarh Drain @ Bishal laxmi Ghat	North 24 Parganas	Barrakpore	Lots of houses found near the drain which are directly dumping their wastes into it.
47	Khardha Khal, Khardha	North 24 Parganas	Barrakpore	It is a big drain which had a huge solid waste dumping.
48	Chakmadhu, Nalpur near Bauria ferry ghat	Howrah	Chakmadhu	Dumping of solid waste observed at the bank of drain.
49	Chandni Ghat Drain, Chinsurah	Hooghly	Chinsurah	Solid waste choked the drain near the confluence point. Incessant dumping of MSW plastic waste directly in the drain
50	Imambara Khal	Hooghly	Chinsurah	Solid waste dumping and open defecation
51	Chinsurah -Majir Rasta Drain	Hooghly	Chinsurah	Municipal solid waste heaps within the drain flow, trees, plastic waste Styrofoam directly thrown into Ganga.
52	Drain at Tamil para ferry ghat, Chinsura	Hooghly	Chinsurah	Municipal solid waste observed near the confluence point & on sides of the drain.
53	Sarishapara	Hooghly	Chandannagar	Municipal solid waste dumping was observed inside and near the drain.
54	Raninagar -Chakdha	Nadia	Chakdha	Solid waste accumulation was observed in and around the drain.
55	Goshpara drain, Nabadwip	Nadia	Nabadwip	Nearby households are dumping solid waste, including kitchen waste, plastic, and cattle waste directly into the drain.
56	Botanical Garden -I, Kolkata	Howrah	Howrah	Solid waste dumping is prevalent in and around the drain.
57	Botanical Garden -II, Kolkata	Howrah	Howrah	Drain has been barricaded and converted into a solid waste dumping site
58	Nazerganj Khal	Howrah	Howrah	1. Upstream of the lock gate there is huge solid waste dumping and water hyacinth overgrowth.



Sl No.	Name of Drain	District	City/Towns in Catchment/nearby	Observation made by Inspection Team
59	N.C.Pal Khal	Howrah	Howrah	Solid waste dumping observed in the drain further impacting the flow.
60	Thannar Khal, Naihati	North 24 Paragnas	Naihati	Floating MSW, waste dumping and open defecation in the surrounding. Confluence also full of solid waste and ritualistic waste.
61	Bhatpara open pucca drain	North 24 Paragnas	Bhatpara	Floating MSW, waste dumping and open defecation in the surrounding. Confluence also full of solid waste and ritualistic waste.
62	Bhatpara Drain	North 24 Paragnas	Bhatpara	Floating MSW, waste dumping and open defecation in the surrounding. Confluence also full of solid waste and ritualistic waste.
63	Alliance Jute Mill Drain	North 24 Paragnas	Bhatpara & Garulia	Floating MSW, waste dumping and open defecation in the surrounding. Confluence also full of solid waste and ritualistic waste.
64	Drain between Pratapnagar & Rajbari, Jaggatdal	North 24 Paragnas	Bhatpara, Shyamnagar	There is huge solid waste dumping in and around the drain.
65	Debitala Pancha khal	North 24 Paragnas	Barrackpore	Huge solid waste dumping in and around the drain. Local fresh food market operating adjacent to the drain with eventual dumping of fish, meat and vegetable waste in the drain.

(7/5)

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HON'BLE NATIONAL GREEN  
TRIBUNAL

EASTERN ZONE BENCH, KOLKATA

O. A. NO. 75/2023

In The Matter of:

ANKUSH SHARMA

... APPLICANT

VERSUS

THE STATE OF WEST BENGAL & Ors.

... RESPONDENT(S)

AFFIDAVIT ON BEHALF OF THE  
RESPONDENT ~~No. 08, DISTRICT~~  
~~MAGISTRATE, HOWRAH.~~

~~Mr. Sudip Dutta,~~

~~Id. State Advocate~~

For The State of West Bengal



30 SEP 2024