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BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL,
PRINCIPAL BENCH, NEW DELHI
O.A. No. 200/2014

In the matter of: -

M.C. Mehta

Applicant(s)

Versus

Union of India & Ors.

Respondent(s)

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Filed by Advocate Rajkumar
On behalf of Central Pollution Control Board

Place: Delhi

Dated: 06.05.2025

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

M.C. Mehta

Applicant

Vs.

Union of India & Ors.

Respondents

Compliance Report on behalf of CPCB in compliance to Hon'ble NGT order dated 13.09.2024 in the matter of M.C. Mehta vs Union of India & Ors., O.A. No. 200/2014

The concerned matter is related to remedying of pollution in River Ganga. In compliance to Hon'ble NGT order dated 13.09.2024 (**Annexure-I**) in OA No. 200/2014 titled M.C. Mehta vs Union of India & Ors wherein the following has been directed:

“6. Learned Counsel for the CPCB submits that he will obtain instructions and place the complete record of drains in respect of all the districts of Jharkhand through which the river Ganga and its tributaries are flowing along with the details of outfall points and the quantity of untreated sewage flowing in river Ganga and its tributaries. He is directed to provide such details in respect of other States and also district-wise one week in advance whenever those matters are taken up.”

The Hon'ble Tribunal has also, vide its order dated 25.03.2025 (**Annexure II**) directed the following:

“The CPCB is also directed to file the report disclosing the status of discharge of untreated sewage in river Ganga by various ULBs abutting river Ganga.”

In compliance to the above mentioned NGT orders, the district wise status of 104 drains monitored during post monsoon 2023, 97 drains monitored during pre-monsoon 2024,

170 additional drains (other than 104 drains being monitored regularly), 42 sewage treatment plants (STPs) and water quality of 15 locations of River Ganga located in the state of West Bengal has been provided in the following paras.

Status of Drains located in the state of West Bengal

1. Post-Monsoon 2023

During post-monsoon 2023, 104 drains located in the state of West Bengal and discharging directly into river Ganga were monitored by CPCB along with WBPCB. These drains carry treated / untreated wastewater (sewage and industrial effluent) along with storm water. Out of 104 monitored drains, 9 were found tapped to various STPs. These 104 drains comprising of 76 domestic and 28 mixed drains and having a flow of 6231.08 MLD discharge a total BOD load of 175.2 TPD. The manual monitoring data of drains is being displayed on CPCB website at https://cpcb.nic.in/ngrba/Identified_drains_postmonsoon-2023.pdf.

2. Pre-Monsoon 2024

97 drains discharging directly into river Ganga in West Bengal were monitored during pre-monsoon 2024. These drains carry treated / untreated wastewater (sewage and industrial effluent) along with storm water. Out of 97 monitored drains, 10 were found tapped to various STPs. These 97 drains including 69 domestic and 28 mixed drains having a flow of 7629.80 MLD discharge a BOD load of 107.33 TPD into the River Ganga. 07 drains could not be monitored during the pre- monsoon season due to early onset of monsoon.

CPCB also monitored 170 additional drains (other than 104 drains being monitored regularly) along with WBPCB discharging directly into river Ganga in West Bengal in district Hooghly and North 24 Parganas during February –April 2024 and June-July 2024 respectively. Out of 170 monitored drains, 17 drains were found tapped to various STPs. These 170 domestic drains having a flow of 278.09 MLD discharge a BOD Load of 11.47 TPD.

The district-wise names and details of drains located in the state of West Bengal which have potential to discharge waste water in the main stem of River Ganga is placed as **Annexure-III**. Photographs of these drains along with their location is given in **Annexure-IV**.

B. Status of Sewage Management in Ganga front towns in West Bengal

There are 42 STPs located in 30 Ganga front towns in West Bengal. Out of these 42 STPs, monitored by CPCB during April-July,2024, 31 STPs were found operational and 11 STPs were found non-operational. 07 STPs were found complying and 24 STPs were found non-complying w.r.t. norms prescribed by Hon'ble NGT vide order dated 30.04.2019. However, w.r.t. treated sewage discharge norms notified by Ministry of Environment Forests & Climate Change (MoEF & CC) dated 13.10.2017, 17 STPs were found complying and 14 STPs were found non-complying.

The compliance verification of STPs are assessed on the basis of following standards:

- a. Standards prescribed by Hon'ble NGT: Compliance based on norms prescribed by Hon'ble NGT vide order dated 30.04.2019 in the matter of OA no. 1069/2018 (pH – 5.5-9.0, BOD <10mg/l, TSS< 20mg/l, COD< 50mg/l; Faecal Coliform – desirable <100MPN/100ml & permissible < 230 MPN/100 ml, Nitrogen-Total < 10 mg/l and Phosphorous-Total < 1.0 mg/l (compliance for discharge into ponds and lakes).*
- b. Compliance as per MoEF & CC notification dated 13.10.2017: Standards for treated sewage from STPs for cities other than metro cities, state capitals and union territories were notified as pH-6.5-9.0, BOD as 30mg/L, Total suspended solids (TSS) as less than 100mg/L and Faecal coliform as less than 1000MPN per 100mL.*

The manual monitoring data of STPs monitored during Dec, 2023-March, 2024 is being displayed on CPCB website at https://cpcb.nic.in/ngrba/reports/Report_stp_WB_4_2023.pdf in public domain.

Status of water quality of River Ganga in West Bengal

Manual water quality monitoring of river Ganga is carried out by Central Pollution Control Board (CPCB) at 15 locations under National Water Quality Monitoring Programme (NWMP) in West Bengal through West Bengal Pollution Control Board on fortnightly basis.

River water quality is assessed for primary water quality criteria notified for outdoor bathing in terms of pH (6.5-8.5), Dissolved Oxygen (DO \geq 5mg/l), Biochemical Oxygen Demand (BOD \leq 3mg/l), Faecal Coliform (FC \leq 2500 MPN/100ml) and Faecal Streptococci (FS \leq 500 MPN/100ml).

It is further submitted that in view of the variability in the data, statistical analysis of water quality data of various monitoring locations for parameters, specifically pH, DO, BOD, FC and FS for the period of January -December, 2024 based on the median values (central tendency of the data) was undertaken. Key findings of the aforementioned analysis are given in the table 1 below:

Table:1 Water quality data of river Ganga-West Bengal (January to December, 2024)

Station Code	Station name	Median pH	Median DO (mg/l)	Median BOD (mg/l)	Median FC (MPN/100ml)	Median FS (MPN/100ml)
5162	FARAKKA, MURSHIDABAD	7.3	6.9	2.6	490	33
10159	KHAGRA, BEHARAMPORE	7.3	7.1	2.3	790	59.5
1080	BEHARAMPORE	7.4	7.0	2.2	3500	460

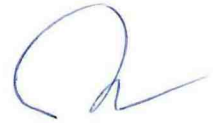
10160	GORABAZAR, BEHRAMPORE	7.3	7.0	2.3	2200	310
2511	NABADIP, GHOSHPARA NEAR MONIPURGHAT	7.4	7.3	2.4	1100	86.5
2506	TRIBENI, NEAR BURNING GHAT	7.3	7.1	2.6	930	79
10161	SHITALATALA, PALTA	7.3	6.9	2.6	2400	330
1054	PALTA	7.3	6.7	2.5	3500	380
1472	SERAMPORE	7.3	6.7	2.6	11000	790
1053	DAKSHINESHWAR	7.3	5.8	2.7	33000	1100
1470	GARDEN REACH	7.3	5.4	2.8	49000	1200
1471	SHIVPUR (HOWRAH)	7.2	5.5	2.8	29500	890
1052	ULUBERIA	7.3	5.5	2.7	11000	465
1469	DIAMOND HARBOUR	7.3	5.9	2.6	1300	185
1335	PATIKALI	7.9	5.8	1.7	10200	460

The detailed water quality data comprising of the range of pH, DO, BOD, FC & FS has been given in the table 2 below:

Table 2: Range of parameters w.r.t. pH, DO, BOD, FC & FS in river Ganga in West Bengal (January to December, 2024)

Station code	Station name	Parameters				
		pH	DO (mg/l)	BOD (mg/l)	FC (MPN/100ml)	FS (MPN/100ml)
5162	FARAKKA, MUSHIDABAD	6.82- 7.96	5.3-9.7	1.7-2.9	140-1100	13-110
10159	KHAGRA, BEHARAMPORE	7.02- 8.01	5.5-9.7	1.6-2.9	230-1700	23-110
1080	BEHARAMPORE	7.03- 7.96	5.7-9.8	1.4-2.9	790-5400	230-790
10160	GORABAZAR, BEHRAMPORE	7-7.84	5.6-9.5	1.7-2.9	330-3500	130-490
2511	NABADIP, GHOSHPARA NEAR MONIPURGHAT	6.52- 8.02	5.1-9.6	1.6-2.9	490-2400	33-240

2506	TRIBENI, NEAR BURNING GHAT	7.01- 7.97	5.3-9.3	1.9-2.9	540-2400	33-170
10161	SHITALATALA, PALTA	6.88- 7.92	5.1-9.2	2.1-2.9	1300-9200	130-790
1054	PALTA	6.82- 7.96	5.3-9.3	2-2.8	1700-9200	170-790
1472	SERAMPORE	6.93- 7.91	5.2-9.2	1.9-2.8	7000-17000	490-1100
1053	DAKSHINESHWAR	6.87- 7.79	5.2-8.3	1.1-2.8	11000-79000	470-5400
1470	GARDEN REACH	6.93- 7.7	5-7.8	2.1-2.9	17000-240000	400-5400
1471	SHIVPUR (HOWRAH)	6.88- 7.78	5-8	1.5-2.9	4500-130000	330-5400
1052	ULUBERIA	6.88- 7.98	5-7.7	1.8-2.8	2300-27000	130-1300
1469	DIAMOND HARBOUR	7-7.9	5-7.8	1.8-2.7	790-13000	21-700
1335	PATIKALI	7.4- 8.4	5-7	1-2.9	4600-17000	170-790



(Dinbandhu Gouda)
Scientist 'F'
Central Pollution Control Board
06.05.2025

Item No. 21

Court No. 1

**BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI**

Original Application No. 200/2014
(IA No. 340/2022, MA Nos. 872/2018, 875/2014 & 480/2018)
(In respect of State of West Bengal)

M.C. Mehta

Applicant

Versus

Union of India & Ors.

Respondent(s)

Date of hearing: 25.03.2025

**CORAM: HON'BLE MR. JUSTICE PRAKASH SHRIVASTAVA, CHAIRPERSON
HON'BLE MR. JUSTICE SUDHIR AGARWAL, JUDICIAL MEMBER
HON'BLE DR. A. SENTHIL VEL, EXPERT MEMBER**

Applicant: Ms. Katyayni, Adv. for Applicant

Respondents: Ms. Madhumita Bhattacharjee, Advs. for the State of West Bengal
Mr. Raj Kumar, Adv. for CPCB
Mr. Gigi. C. George & Mr. Sunil Kumar, Advs. for NMCG**ORDER**

1. Learned counsel for the State of West Bengal seeks further four weeks' time to file the fresh report in terms of the order dated 04.03.2025. The CPCB is also directed to file the report disclosing the status of discharge of untreated sewage in river Ganga by various ULBs abutting river Ganga.

2. List on 16.05.2025.

Prakash Shrivastava, CP

Sudhir Agarwal, JM

Dr. A. Senthil Vel, EM

March 25, 2025
A..

Item No. 16

Court No. 1

**BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI**

Original Application No. 200/2014
(IA No 340/2022, MA No 872/2018, MA No
875/2014, IA No 389/2024, MA No 480/2018)

M. C. Mehta

Applicant

Versus

Union of India & Ors.

Respondent(s)

Date of hearing: 13.09.2024

**CORAM: HON'BLE MR. JUSTICE PRAKASH SHRIVASTAVA, CHAIRPERSON
HON'BLE MR. JUSTICE SUDHIR AGARWAL, JUDICIAL MEMBER
HON'BLE DR. A. SENTHIL VEL, EXPERT MEMBER**

Applicant: Ms. Katyayni, Advocate

Respondent: Mr. Gigi. C. George, Adv. with Mr. Pravin Kumar, Director, NMCG
(Through VC)
Mr. Saurabh Jain & Mr. Prayag Jain, Advs. for the State of Jharkhand
Mr. Jayesh Gaurav & Mr. Ishwar Chandra Roy, Advs. for Jharkhand
SPCB
Mr. Raj Kumar, Adv. for CPCB (Through VC)

ORDER

1. In this original application, the Tribunal is considering the issue of prevention and control of pollution in river Ganga and the matter is being taken up State-wise and District-wise.

2. Today, the matter is listed for considering the compliance status in the **State of Jharkhand**.

3. The reports on behalf of the DC, Dhanbad, Bokaro, Sahibganj and Ramgarh have been filed. The same has been examined by us. On examining reports of DCs for the Districts Sahibganj, Ramgarh, Dhanbaad and Bokaro, we find a very grim picture of sewage management. District-wise deficiencies and gaps are as follows:

1. District Sahibganj

Sahibganj

- (i) Out of 8 MLD of sewage generation in Sahibganj, 6.8 MLD is treated in two STPs of 7.0 and 5.0 MLD. However, we find that only 6.2 MLD is discharged from two STPs.
- (ii) There is no disclosure about the performance of STPs for fecal coliform. Further, 1.2 MLD is still required to be connected with existing STPs.

Rajamahala

- (i) Out of 0.97 MLD of sewage generation, 0.91 is being treated in 3.5 MLD of STP. No data is disclosed about Fecal Coliform (FC) in treated sewage.
- (ii) Water quality data of river Ganga concerning FC has not been provided.
- (iii) For 87 km of stretch of river Ganga, 54.47 sq. km area is considered a flood plain zone which is based on submergence /HFL.

2. District Ramgarh

- (i) It has been disclosed that some wards are abutting river Damodar fully or partially but the basis of saying so is not clarified.
- (ii) For treating sewage generation of 32.38 MLD two STPs of 40 MLD and one STP based on the Pond system have been set up. However, there is no disclosure of the actual utilisation of installed facilities and their performance.

3. District Dhanbaad

- (i) It is a matter of great concern that no sewage treatment facilities exist. Tenders are now floated for setting up of 192.0 MLD of STP and this indicates that untreated sewage is being discharged. Further, there is no disclosure of the generation of sewage.
- (ii) We find that a large number of Hotels are operating without CTO and PCB has only written letters on 2.3.2024 to apply for CTO. This further raises the issue that effluents from the hotels must be either seeping or being discharged into drains.

- (iii) No data has been furnished on fecal coliform present in River Damodar. Further, we find that PCB has no testing facilities for fecal coliform. We direct that, in the next three months JSPCB should set up the required facilities and undertake analysis.

4. District Bokaro

- (i) Bokaro Steel Plant township generates 31.972 MLD sewage and 6 lagoons are provided for treatment. But the final mode of disposal and its quality have not been disclosed.
- (ii) We find that Nagar Nigam Chas is generating 12.44 MLD and is discharging sewage through 70 drains into the river Ganga. This clearly reflects violations of the Water Act and the order of the Hon'ble Supreme Court dated 22.02.2017 in Paryaavaran Suraksha.
- (iii) We also find that Nagar Nigam Phusro has no sewage treatment facilities for treating 3.92 MLD. Further, water quality data of river Damodar is not disclosed for FC.

4. Learned Counsel for the Applicant has pointed out that the Central Pollution Control Board (CPCB) has details of all the drains in different districts of the states and, therefore, the details relating to the drains abutting river Ganga and its tributaries and the drains falling in Ganga and its tributaries are also available with the CPCB. She has also submitted that the details of the sewage being discharged by these drains in Ganga and its tributaries are also available on the website of CPCB.

5. We find that for last more than one year whenever the matter is taken up, CPCB is not represented. When the issue of the availability of the details was raised by Counsel for the Applicant, at that stage, Counsel for the CPCB appeared virtually.

6. Learned Counsel for the CPCB submits that he will obtain instructions and place the complete record of drains in respect of all the districts of Jharkhand through which the river Ganga and its tributaries are flowing along with the details of outfall points and the quantity of

untreated sewage flowing in river Ganga and its tributaries. He is directed to provide such details in respect of other States and also district-wise one week in advance whenever those matters are taken up.

7. Learned Counsel for National Mission for Clean Ganga (NMCG Mr. Gigi. C. George, Advocate) is also present. Nothing has been pointed out as to what action the NMCG has taken to ensure the prevention of the flow of untreated sewage in river Ganga or its tributaries, except by stating that the funds have been provided for the construction of STPs in the districts under consideration and their monitoring is done and directions issued.

8. We take note of the fact that under clause 34 of the River Ganga (Rejuvenation, Protection and Management) Authorities Order, 2016 (2016 Order) the NMCG is an empowered organization and in terms of clause 39 of the 2016 order, NMCG has the following functions to perform:

“39. Functions of National Mission for Clean Ganga.- (1) *Without prejudice to the provisions of this Order, the National Mission for Clean Ganga shall identify or cause to be identified –*

- (a) *the specific threats to the River Ganga in areas in each village and town of such specified District abutting River Ganga and its tributaries, including sewerage and industrial waste, cremation and burial of corpses and disposal of animal carcasses, and threats from commercial, recreational and religious activities;*
- (b) *the type of measures required to address such threat in each village and town of all districts abutting River Ganga and its tributaries;*
- (c) *the specific areas where such remedial actions are required to be taken for rejuvenation and protection of River Ganga and its tributaries.*
- (d) *the measures which may be necessary for reuse of treated water and enter in to Memorandum of Understanding in this regard with the Ministries of the Central Government like Railways, Power, Petroleum and Natural Gas etc., State Governments, autonomous bodies at the Central and State level, recognized Institutes and organizations which the National Mission for Clean Ganga may deem fit.*

(2). *The National Mission for Clean Ganga shall make or cause to make the River Ganga Basin Management Plan along with cost, timelines and allocation of responsibilities, among other things, for rejuvenation and protection of River Ganga and its tributaries in each village and town of specified District abutting River Ganga and its tributaries and execute projects there for.*

(3). *The National Mission for Clean Ganga shall*

- (a) *cause to be determined the magnitude of ecological flows in the River Ganga and its tributaries required to be maintained at different points in different areas at all times with the aim of ensuring water quality and environmentally sustainable rejuvenation, protection and management of River Ganga and its tributaries and notifying the same and take or direct all such measures necessary to maintain adequate ecological flows;*
- (b) *cause to be identified places where the environmental flow of water of River Ganga has been modified and take measures for correction thereof to maintain the continuous flow of water for rejuvenation, protection and management of River Ganga and its tributaries;*
- (c) *identify places of discontinuity of water in River Ganga and its tributaries due to engineered diversion of water or storage of water or by any other means and execute plans in respect thereof or take remedial action therefor;*
- (d) *devise a system to be put in place for continuous monitoring of flow of water and pollution levels in River Ganga and its tributaries;*
- (e) *take all such measures which may be necessary to give effect to the decisions of the National Ganga Council so as to maintain adequate ecological flows in the River Ganga and tributaries;*
- (f) *render assistance or cause them to be rendered by any agency for preparation of detailed project reports or execution of projects for abatement of pollution and rejuvenation, protection and management of the River Ganga and its tributaries to the State Governments, the State Ganga Committees, District Ganga Committees or local authorities or any person or body, any authority, Board or Corporation;*
- (g) *set up or facilitate setting up or designate and direct one or more existing centers to research, develop and disseminate knowledge base and analytical tools on abatement of pollution and rejuvenation, protection and management of River Ganga and its tributaries;*
- (h) *take any other measures which may be necessary for continuous flow of water and abatement of pollution in River Ganga and its tributaries*

(4) *The National Mission for Clean Ganga shall take all such other emergency measures as outlined in paragraph 7.”*

9. The powers of the NMCG have been set out in clause 41 of the 2016 order which reads as under:

“41. Powers of National Mission for Clean Ganga.- (1) *The National Mission for Clean Ganga being the national agency charged with the role, responsibility and powers to facilitate the task of rejuvenation, protection and management of River Ganga and its tributaries, under the supervision and direction of the National Ganga Council, shall recommend to the National Ganga Council or Central Government for issuing directions or issue directions itself, to the State Ganga Committees or District Ganga Committees or local authority or any other authority or any person, institution, consortium or agency, as it may decide, for the rejuvenation, protection and management of River Ganga and have the power to take all such measures and discharge such functions as it may deem necessary or expedient for prevention, control and abatement of environmental pollution in River Ganga and its tributaries so as to rejuvenate the River Ganga to its natural and pristine condition and ensure continuous and adequate flow of water in River Ganga and for protection and management of River Ganga and for matters connected therewith.*

(2) *In particular and without prejudice to the generality of the provisions of sub-paragraph (1), and save as otherwise provided in this Order, such directions may include all or any of the following matters in the management of River Ganga, namely:-*

- (a) *fulfillment of the functions mentioned in paragraph 55 in accordance with the principles in paragraph 4;*
- (b) *formulate, with the approval of the Central Government, the National policy for effective abatement of pollution and rejuvenation, protection and management of River Ganga;*
- (c) *enter into memorandum of understanding, with the approval of the Central Government, with any country or foreign agency for effective implementation of the River Ganga Basin Management Plan for rejuvenation, protection, prevention, control and abatement of pollution in the River Ganga and its tributaries;*
- (d) *approve, with or without modifications, the River Ganga Basin Management Plan and direct amendments, if any, to be made therein;*
- (e) *supervise and review the progress reports, and issue directions to the State Ganga Committees, District Ganga Committees or local authorities and other authorities in the implementation of the River Ganga Basin Management Plan and any other matter connected with affairs of the River Ganga and its tributaries;*
- (f) *approve the planning, financing and execution of programmes for abatement of pollution in the River Ganga including augmentation of sewerage and effluent treatment infrastructure, catchment area treatment, protection of flood plains, creating public awareness, conservation of aquatic and riparian life and biodiversity and such other measures for promoting environmentally sustainable river rejuvenation;*
- (g) *coordination, monitoring and review of the implementation of various programmes or activities taken up for prevention, control and abatement of pollution and*

- protection and management in the River Ganga and its tributaries;*
- (h) direct any person or authority to take measures for restoration of river ecology and management in the River Ganga Basin States;*
 - (i) recommend to the Central Government, for creation of special purpose vehicles (whether as a company under the companies Act, 2013(18 of 2013) or Societies Registration Act, 1860 (21 of 1860) or a Trust under the Indian Trust Act, 1882 (2 of 1882)), as may be considered appropriate, for implementation of this Order and for the purposes of the Act;*
 - (j) take such measures as may be necessary for the better co-ordination of policy and action to ensure effective prevention, control and abatement of pollution, rejuvenation and protection and management in the River Ganga and its tributaries;*
 - (k) issue such directions to any person or authority, as it may consider necessary, for proper or prompt execution of the projects or cancel such projects or stop release of funds or direct refund of amount already released and assign the same to any other person or authority or Board or Corporation for prompt execution thereof;*
 - (l) direct any person or authority to maintain such books of account or other documents, without prejudice to any law for the time being in force, as may be specified by the National Mission for Clean Ganga;*
 - (m) take such other measures which may be necessary for achievement of prevention, control and abatement of pollution, rejuvenation and protection and management in the River Ganga and its tributaries;*

(3) The National Mission for Clean Ganga shall have the power to issue directions mentioned under section 5 of the Act.

(4) The National Mission for Clean Ganga may evolve an appropriate mechanism for implementation of its decisions and the decisions of the National Ganga Council.”

10. Hence, we require the NMCG to appraise the Tribunal by filing a report by way of an affidavit in respect of the exercise of these powers and discharge of these duties to prevent the flowing of untreated sewage in river Ganga or its tributaries.

11. We also take note of the fact that the information provided by the different districts of the State of Jharkhand is not complete in all respects. Therefore, we require them to furnish the information in the format mentioned below:

District Wise (including city and town) information on river Ganga and Tributaries

A. Sewage Management								
(i) Sewage generation	(ii) Existing Sewage Treatment Capacities	(iii) Quantity of sewage being treated (utilization capacity)	(iv) Performance of STPs particularly for FC	(v) Reasons for Underutilisation of STPs (Connectivity of Households/ laying of sewer lines)	(vi) Current Gap in sewage treatment	(vii) Time bound plan for bridging the gap and tying up with financial arrangements and not delaying Tendering and identifying executing agencies or having any other issues	(viii) Where treated sewage is being discharged (to Ganga or tributaries)	(ix) Where untreated sewage is discharged (Drains joining Ganga/Tributaries)

District Wise (including city and town) information on river Ganga and Tributaries

B. Drains			
(i) Details of drains carrying sewage-sullage or industrial waste water joining Ganga/ tributaries and the Quantity	(ii) Drains joining outside city and town limits but either joining in village or nearby town	(iii) Inclusion of sewage flowing in drains into total sewage generation figures and their interception and diversion to STPs	(iv) Preventive steps taken for not encroachment of drains

District Wise (including city and town) information on river Ganga and Tributaries

C. Septage management (Septic tanks/soak pits)				
(i) Status of Septage management with reference to FSTP/STP	(ii) Management of Grey Water	(iii) Utilization of treated Grey water	(iv) Utilization and Disposal of Sludge	(v) Gap in sewage management and time plan

District Wise (including city and town) information on river Ganga and Tributaries

D. Industrial Pollution Control
No. of industries generating trade effluents, their place of disposal and compliance

E. District Wise (including city and town) information on river Ganga and Tributaries

Water quality status of Ganga and its tributaries in the District and city/ town in terms of its fitness for Bathing water quality that is, FC and FS	Notification of Flood Plain Zones
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District Wise (including city and town) information on river Ganga and Tributaries

F. Issues relating to Environmental Flow

12. List on 25.03.2025.

Prakash Shrivastava, CP

Sudhir Agarwal, JM

Dr. A. Senthil Vel, EM

September 13, 2024
Original Application No. 200/2014
(IA No 340/2022, MA No 872/2018, MA No
875/2014, IA No 389/2024, MA No 480/2018)
dv..

District wise status of drains monitored during Post-monsoon 2023 discharging into river Ganga in West Bengal

River	Monitored Drains	Flow (MLD)	BOD Load (TPD)	Tapped Drains	Interim measure adopted	Domestic	Mixed
1. Murshidabad							
Ganga	5	49.1	0.394	-	-	4	1
2. Purba Bardhaman							
Ganga	3	20.4	2.51	-	-	3	-
3. Nadia							
Ganga	4	54.78	0.81	1	-	3	1
4. Hooghly							
Ganga	24	1616.65	25.93	1	-	17	7
5. North 24 Parganas							
Ganga	28	935.77	36.68	7	-	25	3
6. South 24 Parganas							
Ganga	4	247.07	0.74	-	-	3	1
7. Howrah							
Ganga	21	1505.75	53.58	-	-	10	11
8. Kolkata							
Ganga	12	1483.94	45.46	-	-	10	2
9. East Midnapore							
Ganga	3	317.62	9.10	-	-	1	2

41520

District wise status of drains monitored during Pre-monsoon 2024 discharging into river Ganga in West Bengal

River	Monitored Drains	Flow (MLD)	BOD Load (TPD)	Tapped Drains	Interim measure adopted	Domestic	Mixed
1. Murshidabad							
Ganga	5	143.11	0.233	-	-	4	1
2. Purba Bardhaman							
Ganga	3	41.1	3.42	-	-	3	-
3. Nadia							
Ganga	4	34	0.54	1	-	3	1
4. Hooghly							
Ganga	23	2162.56	24.4	2	-	16	7
5. North 24 Parganas							
Ganga	28	564.41	19.27	7	-	25	3
6. South 24 Parganas							
Ganga	4	656.58	1.53	-	-	3	1
7. Howrah							
Ganga	15	2156.71	30.3	-	-	6	9
8. Kolkata							
Ganga	12	1241.04	24.5	-	-	8	4
9. East Midnapore							
Ganga	3	630.29	3.15	-	-	1	2

District wise status of additional drains monitored during 2024 discharging into river Ganga in West Bengal.

River	Monitored Drains	Flow (MLD)	BOD Load (TPD)	Tapped Drains	Interim measure adopted	Domestic	Mixed
1. Hooghly							
Ganga	106	229.93	10.05	17	-	106	-
2. North 24 Parganas							
Ganga	64	48.16	1.427	-	-	64	-

District wise drains data of West Bengal (Post-Monsoon 2023)

S. No.	Name of Drain	District	Town/City in Catchment/ nearby	Pollution Sources (Domestic/ Mixed/Industrial)	Confluence to River	Sampling location		Tapped/ Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
1.	Jangipur Drain (Post-Chlorination)	Murshidabad	Jangipur	Domestic	Ganga	24.465167	88.068945	Untapped	Dry	-	-	-
2.	Sagar Dighi WBPDC water project	Murshidabad	Sagardighi	Mixed	Ganga	24.370639	88.14993	Untapped	47.69	0.29	6	52
3.	Azimganj	Murshidabad	Jiaganj Azimganj	Domestic	Ganga	24.25626	88.24674	Untapped	Stagnant	-	2	24
4.	Nashipur Ghosh Para, Ward No-14	Murshidabad	Lalbagh	Domestic	Ganga	24.208402	88.258683	Untapped	0.097	0.004	39	80
5.	Rat tala-Gorabazar Beherampore	Murshidabad	Barahmpur	Domestic	Ganga	24.08729	88.24272	Untapped	1.31	0.10	74	124
6.	Sakhai Para Ghat Drain, Katwa	Purba Bardhaman	Katwa	Domestic	Ganga	23.655578	88.132418	Untapped	12.24	1.98	162	325
7.	Drain near Kasiganj, Katwa	Purba Bardhaman	Katwa	Domestic	Ganga	23.646191	88.140934	Untapped	1.41	0.19	135	270
8.	Sukanta Palli High Drain, Katwa	Purba Bardhaman	Katwa	Domestic	Ganga	23.6414	88.147198	Untapped	6.75	0.34	51	151

41522

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
9.	Goshpara drain, Nabadwip	Nadia	Nabadwip	Domestic	Ganga	23.39382	88.36983	Tapped	-	-	-	-
10.	Raninagar - Chakdha	Nadia	Chakdha	Mixed	Ganga	23.077807	88.502432	Untapped	1.67	0.01	8	24
11.	Majher Char Khal, Kalyani	Nadia	Kalyani	Domestic	Ganga	22.97413	88.40998	Untapped	24.19	0.60	25	81
12.	Bagher Khal, (fodder Khal)	Nadia	Kanchrapara	Domestic	Ganga	22.95569	88.42405	Untapped	28.92	0.20	7	35
13.	ITC Tribeni Drain, Hooghly	Hooghly	Triveni	Mixed	Ganga	23.00394	88.41091	Untapped	FCM (Underground drain)	-	3	35
14.	BTPS Out fall Drain -I, Hooghly	Hooghly	Triveni	Domestic	Ganga	22.99766	88.40647	Untapped	27.84	0.06	2	12
15.	Dhopa Ghat Drain, Hooghly	Hooghly	Bansberia	Domestic	Ganga	22.9534	88.4054	Untapped	4.15	0.03	7	39
16.	Rosbara khal, Hooghly	Hooghly	Chinsurah, Bandel	Domestic	Ganga	22.91853	88.39595	Untapped	32.22	0.29	9	47
17.	Chandni Ghat Drain, Chinsurah	Hooghly	Chinsurah	Domestic	Ganga	22.9126	88.3984	Untapped	29.16	0.26	9	19
18.	Imambara Khal	Hooghly	Chinsurah	Domestic	Ganga	22.9089	88.40082	Untapped	6.91	0.15	21	39

41523

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
19.	Chinsurah – Majir Rasta Drain	Hooghly	Chinsurah	Domestic	Ganga	22.8764	88.3912	Untapped	58.32	0.58	10	27
20.	Drain at Tamil para ferry ghat, Chinsura	Hooghly	Chinsurah	Domestic	Ganga	22.90004	88.40383	Untapped	FCM (lean flow)	-	-	-
21.	Sarishapara	Hooghly	Chandannagar	Domestic	Ganga	22.86825	88.38041	Untapped	2.56	0.11	42	74
22.	Chandannagar Drain	Hooghly	Chandannagar	Domestic	Ganga	22.85692	88.36997	Untapped	FCM (Slope)	-	15	102
23.	Drain at Akhash Ganga ghat, Chandannagar	Hooghly	Chandannagar	Domestic	Ganga	22.84796	88.36982	Partially tapped	4.75	0.02	5	33
24.	Gondal Para	Hooghly	Chandannagar	Mixed	Ganga	22.83642	88.37401	Untapped	55.3	3.98	72	220
25.	Telini para drain	Hooghly	Bhadreswar	Mixed	Ganga	22.834497	88.37372	Untapped	5.9	0.37	63	163
26.	DVC Canal	Hooghly	Champdani	Mixed	Ganga	22.80728	88.35149	Untapped	202.13	4.85	24	102
27.	Champdany Ferry Ghat/Paolghat drain	Hooghly	Baidyabati, Champdani	Mixed	Ganga	22.79976	88.3494	Untapped	2.41	0.06	26	53
28.	Baidyabati Drain	Hooghly	Seoraphuli and Baidyabati	Domestic	Ganga	22.78062	88.32889	Untapped	69.92	1.12	16	65

41524

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
29.	Chatra Khal, Serampore	Hooghly	Serampore	Domestic	Ganga	22.75803	88.34134	Untapped	71	1.70	24	65
30.	Serampore/ Bhagirathi Drain	Hooghly	Serampore	Domestic	Ganga	22.74373	88.35582	Untapped	12.3	0.12	10	33
31.	Rishra burning ghat	Hooghly	Rishra	Domestic	Ganga	22.72086	88.3553	Untapped	4.21	0.15	35	122
32.	Drain at Panchu dutta ghat	Hooghly	Konnagar	Domestic	Ganga	22.69456	88.360697	Untapped	0.8	0.02	31	106
33.	Bagh Khal, Rishra & Konnagar	Hooghly	Konnagar and Rishra	Mixed	Ganga	22.71415	88.3556	Untapped	62.2	6.34	102	240
34.	Hastings Ghat Drain, Rishra	Hooghly	Rishra	Domestic	Ganga	22.72415	88.3556	Untapped	27.77	2.83	102	282
35.	Bally Khal, Bally	Hooghly	Howrah	Mixed	Ganga	22.655	88.3475	Untapped	934.5	2.80	3	16
36.	Dewangazi Drain, Bally	Hooghly	Bally	Domestic	Ganga	22.64285	88.35273	Untapped	2.3	0.07	32	134
37.	New Bagher khal	North 24 Parganas	Kanchrapara	Domestic	Ganga	22.94278	88.41389	Untapped	5.44	0.03	6	27
38.	Halisahar Drain	North 24 Parganas	Halisahar	Domestic	Ganga	22.92813	88.411	Untapped	36.2	0.51	14	38

41525

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
39.	Drain at Halisahar municipality	North 24 Paragnas	Halisahar	Domestic	Ganga	22.939304	88.41429	Untapped	3.5	0.03	8	27
40.	Gariffa Drain (North)	North 24 Paragnas	Naihati	Domestic	Ganga	22.90854	88.40619	Untapped	16.96	0.56	33	98
41.	Gariffa Drain (South)/Rama ghat Drain-Open Pucca Drain	North 24 Paragnas	Naihati	Domestic	Ganga	22.90646	88.40684	Untapped	69	2.76	40	147
42.	Drain at Dadu Ram ghat, Naihati	North 24 Paragnas	Naihati	Domestic	Ganga	22.91048	88.40448	Untapped	FCM (inaccessible location and solid waste choking)	-	-	-
43.	Drain at Ramghat Naihati	North 24 Paragnas	Naihati	Domestic	Ganga	22.90292	88.40735	Untapped	8.6	0.65	75	242
44.	Thannar Khal, Naihati	North 24 Paragnas	Naihati	Domestic	Ganga	22.89327	88.41222	Partially tapped	10.44	0.51	49	131
45.	Alliance Jute Mill Drain	North 24 Paragnas	Jagaddal	Domestic	Ganga	22.85841	88.37459	Partially tapped	14.44	1.50	104	215
46.	Drain between Pratapnagar & Rajbari, Jaggatdal	North 24 Paragnas	Jagaddal	Domestic	Ganga	22.84406	88.3785	Untapped	8.64	0.59	68	164

41526

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
47.	Bhatpara open pucca drain	North 24 Paragnas	Bhatpara	Domestic	Ganga	22.88022	88.41327	Untapped	92.73	5.56	60	173
48.	Bhatpara Drain	North 24 Paragnas	Bhatpara	Domestic	Ganga	22.87106	88.39912	Untapped	4.88	0.70	143	369
49.	Authpur (Sastr inagar)	North 24 Paragnas	Shastrinagar and Bhatpara	Domestic	Ganga	22.83986	88.37851	Untapped	2.16	0.13	59	224
50.	Debitala panca khal	North 24 Paragnas	Ichapur	Domestic	Ganga	22.81555	88.36009	Partially tapped	45.03	2.70	60	124
51.	Ichapur Khal	North 24 Paragnas	Ichapur	Domestic	Ganga	22.8067	88.35993	Untapped	380.9	3.05	8	14
52.	Monirampore -Barrackpore	North 24 Paragnas	Barrackpore	Domestic	Ganga	22.77543	88.33408	Untapped	12.29	0.01	1	8
53.	Balughat, Manirampore, Pucca drain, Barrackpore	North 24 Paragnas	Barrackpore	Domestic	Ganga	22.77235	88.33602	Untapped	4.044	0.15	37	63
54.	Barrackpore Drain (SP Bungalow)	North 24 Paragnas	Barrackpore	Domestic	Ganga	22.769605	88.34048	Untapped	11.85	1.60	135	238
55.	Dhobi Ghat Drain, Barrackpore	North 24 Paragnas	Barrackpore	Domestic	Ganga	22.765	88.345294	Untapped	0.93	0.002	2	16
56.	Barrackpore (adjacent to Ramakrishana Mission)	North 24 Paragnas	Barrackpore	Domestic	Ganga	22.76318	88.34838	Untapped	16.59	0.17	10	20

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
57.	Gandhi ghat Drain @ South gate-1, Barrackpore	North 24 Paragnas	Barrackpore	Domestic	Ganga	22.75104	88.36564	Partially tapped	3.61	0.01	3.42	12
58.	Talpukur	North 24 Paragnas	Titagarh	Mixed	Ganga	22.7479	88.3675	Partially tapped	6.84	0.10	15.25	47
59.	Titagarh Drain @ Bishal laxmi Ghat	North 24 Paragnas	Titagarh	Domestic	Ganga	22.73362	88.3634	Partially tapped	30.51	1.37	45	130
60.	Khardha Khal, Khardha	North 24 Paragnas	Khardha	Mixed	Ganga	22.72584	88.36615	Untapped	31.74	1.24	39	100
61.	Drain near PB Ghat @ Kamarhati	North 24 Paragnas	Kamarhati	Domestic	Ganga	22.68417	88.36611	Partially Tapped	1.61	0.13	82	123
62.	Kamarhati Drain @ Jute Mill, Kamarhati	North 24 Paragnas	Kamarhati	Mixed	Ganga	22.67542	88.36525	Untapped	57.31	9.17	160	258
63.	Dakshineswar -Alambazar	North 24 Paragnas	Dakshin Raypur	Domestic	Ganga	22.65231	88.35965	Untapped	59.53	3.45	58	85
64.	Baranagar/Kut highat Khal	North 24 Paragnas	Kolkata	Domestic	Ganga	22.63668	88.36292	Untapped	FCM (closed pipeline)	-	44	159
65.	Dakshineswar ferry ghat drain, Dakshineswar	Kolkata	Kolkata	Domestic	Ganga	22.6537	88.3574	Untapped	FCM (closed pipeline)	-	22	82

41528

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
66.	Tolly Nullah (Adi Ganga)	Kolkata	Kolkata	Domestic	Ganga	22.5495	88.32508	Untapped	374.5	11.24	30	98
67.	Dhanketikhah, Garden Reach	Kolkata	Kolkata	Mixed	Ganga	22.54789	88.289164	Untapped	103.6	11.60	112	286
68.	Kanchantala -I	Kolkata	Kolkata	Domestic	Ganga	22.54732	88.24497	Untapped	10.3	0.155	15	90
69.	Kanchantala-II	Kolkata	Kolkata	Mixed	Ganga	22.54524	88.2455	Untapped	13.69	0.07	5	28
70.	Kanchantala-III	Kolkata	Kolkata	Domestic	Ganga	22.54108	88.24483	Untapped	FCM (inaccessible location)	-	-	-
71.	Cossipore Khal	Kolkata	Kolkata	Domestic	Ganga	22.61338	88.36859	Untapped	106.92	4.28	40	106
72.	Chitpur Ghat khal	Kolkata	Kolkata	Domestic	Ganga	22.60698	88.36992	Untapped	682	9.55	14	45
73.	Nimtala Burning Ghat Drain	Kolkata	Kolkata	Domestic	Ganga	22.56474	88.24211	Untapped	FCM (lean flow)	-	24	82
74.	Drain near Howrah bridge	Kolkata	Kolkata	Domestic	Ganga	22.58773	88.34976	Untapped	FCM (Closed)	-		
75.	Munikali Khal (formerly Drain @ Akhra Food ghar)	Kolkata	Kolkata	Domestic	Ganga	22.5287	88.24777	Untapped	181.87	8.55	47	187

41529

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
76.	Muni Khali Khal (Akhra Ferry Ghat)	Kolkata	Maheshtala	Domestic	Ganga	22.52393	88.24772	Untapped	11.06	0.02	2	12
77.	Jagannath Drain-I, Belur	Howrah	Howrah	Domestic	Ganga	22.61972	88.36097	Untapped	12.1	1.04	86	228
78.	Telkal Ghat drain, Howrah	Howrah	Howrah	Mixed	Ganga	22.5764	88.34014	Untapped	41.66	2.87	69	165
79.	Ramkrishna Mullick Ghat, Howrah	Howrah	Howrah	Mixed	Ganga	22.57308	88.33697	Untapped	1.63	0.051	31	106
80.	130-Foreshore Road Drain, Howrah	Howrah	Howrah	Mixed	Ganga	22.57117	88.33516	Untapped	85.53	10.52	123	333
81.	101, Foreshore Road Drain, Howrah	Howrah	Howrah	Mixed	Ganga	22.56209	88.32722	Untapped	7.84	0.75	96	243
82.	Shibpur Burning Ghat, Howrah – Shibpur	Howrah	Howrah	Mixed	Ganga	22.56069	88.32582	Untapped	3.6	0.60	168	431
83.	Botanical Garden -I, Kolkata	Howrah	Howrah	Domestic	Ganga	22.55179	88.3096	Untapped	15.12	0.36	24	83

41530

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
84.	Botanical Garden -II, Kolkata	Howrah	Howrah	Domestic	Ganga	22.55408	88.30014	Untapped	6.05	0.17	28	87
85.	Nazerganj Khal	Howrah	Howrah	Mixed	Ganga	22.55879	88.27796	Untapped	442.3	13.71	31	99
86.	NC Paul Khal	Howrah	Howrah	Mixed	Ganga	22.56604	88.24495	Untapped	7.78	0.33	42	195
87.	Saraswati Khal, Sankrail	Howrah	Sankrail	Mixed	Ganga	22.56249	88.22973	Untapped	11.95	0.19	16	79
88.	Singhi More Khal	Howrah	Sankrail	Domestic	Ganga	22.54152	88.22868	Untapped	Stagnant	-	12	50
89.	Sankrail, near Manikpur ferry ghat	Howrah	Sankrail	Domestic	Ganga	22.53036	88.23808	Untapped	Dry	-	-	-
90.	Drain @ Bazarpara, Garighat Sharenga Khal	Howrah	Sankrail	Mixed	Ganga	22.52119	88.20679	Untapped	534.6	22.45	42	129
91.	Chakmadhu, Nalpur near Bauria ferry ghat	Howrah	Bauria	Domestic	Ganga	22.49903	88.18331	Untapped	3.05	-	-	12
92.	Chakashi - Chengali	Howrah	Howrah	Domestic	Ganga	22.48335	88.14664	Untapped	7.74	-	-	8
93.	Kalinga Nagar drain	Howrah	Uluberia	Domestic	Ganga	22.44197	88.11935	Untapped	269.38	-	-	12

41531

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
94.	Rangamati More	Howrah	Uluberia	Domestic, agricultural runoff	Ganga	22.430658	88.125597	Untapped	23.02	0.07	3	25
95.	Madai Hat	Howrah	Uluberia	Mixed	Ganga	22.396402	88.113958	Untapped	32.4	0.45	14	79
96.	Kumar Khali	Howrah	Uluberia	Mixed	Ganga	22.387775	88.10001	Untapped	Stagnant	-	4	41
97.	Garchumuk	Howrah	Uluberia	Domestic	Ganga	22.34786	88.097833	Untapped	Dry	-	-	-
98.	Budge Budge -Pujali	South 24 Paragnas	Kolkata	Domestic	Ganga	22.47454	88.14607	Untapped	202.49	0.61	3	37
99.	Dakshin Raypur	South 24 Paragnas	Dakshin Raypur	Domestic	Ganga	22.42063	88.14781	Untapped	FCM (lockgate closed)	-	6	33
100.	Baratala	South 24 Paragnas	Baratala	Domestic	Ganga	22.39593	88.13789	Untapped	FCM (lockgate closed)	-	3	29
101.	Falta -III	South 24 Paragnas	Diamond Harbour	Mixed	Ganga	22.24267	88.08743	Untapped	44.58	0.13	3	33
102.	Drain at Begunberia Harakhali	East Midnapore	Haldia	Domestic	Ganga	22.12954	88.16326	Untapped	100.78	1.11	11	47
103.	Green belt canal	East Midnapore	Haldia	Mixed	Ganga	22.05693	88.1401	Untapped	197.49	7.90	40	217
104.	Jhikhurkhali drain	East Midnapore	Haldia	Mixed	Ganga	22.09451	88.18582	Untapped	19.35	0.097	5	47
Total									6231.08	175.23		

FCM= Flow could not be measured

District wise drains data of West Bengal (Pre-Monsoon 2024)

S. No.	Name of Drain	District	Towns/City in Catchment/ nearby	Pollution Sources (Domestic/ Mixed/Industrial)	Confluence to River	Sampling location		Tapped/ Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
1.	Jangipur Drain	Murshidabad	Jangipur	Domestic	Ganga	24.465167	88.068945	Untapped	FCM (Negligible flow)	-	-	-
2.	Sagar Dighi WBPDC water project	Murshidabad	Sagardighi	Mixed	Ganga	24.370639	88.14993	Untapped	142	0.142	1	8
3.	Azimganj	Murshidabad	Jiaganj Azimganj	Domestic	Ganga	24.256887	88.246982	Untapped	Dry	-	-	-
4.	Nashipur Ghosh Para, Ward No-14	Murshidabad	Lalbagh	Domestic	Ganga	24.208402	88.258683	Untapped	FCM (dry)	-	-	-
5.	Rattala-Gorabazar Beherampore	Murshidabad	Beherampur	Domestic	Ganga	24.087294	88.242723	Untapped	1.11	0.09	82	217
6.	Sakhai Para Ghat Drain	Purba Bardhaman	Katwa	Domestic	Ganga	23.655578	88.132418	Untapped	23.6	2.27	96	212
7.	Drain near Kasiganj	Purba Bardhaman	Katwa	Domestic	Ganga	23.646191	88.140934	Untapped	11.7	0.91	78	188
8.	Sukanta Palli High Drain	Purba Bardhaman	Katwa	Domestic	Ganga	23.641400	88.147198	Untapped	5.8	0.24	42	84
9.	Goshpara drain	Nadia	Nabadwip	Domestic	Ganga	23.39382	88.36983	Tapped	-	-	-	-

41533

S. No.	Name of Drain	District	Towns/City in Catchment/ nearby	Pollution Sources (Domestic/ Mixed/Industrial)	Confluence to River	Sampling location		Tapped/ Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
10.	Raninagar - Chakdha	Nadia	Nadia	Mixed	Ganga	23.077807	88.502432	Untapped	7.2	0.08	11	48
11.	Majher Char Khal, Kalyani	Nadia	Kalyani, Nadia	Domestic	Ganga	22.97414	88.41005	Untapped	16.16	0.36	22	56
12.	Bagher Khal, (fodder Khal)	Nadia	Kanchrapara	Domestic	Ganga	22.95555	88.42396	Untapped	10.64	0.11	10	28
13.	ITC Tribeni Drain	Hooghly	Triveni	Mixed	Ganga	23.00399	88.41111	Untapped	FCM (Underground drain)	-	8	21
14.	BTPS Out fall Drain –I	Hooghly	Triveni	Domestic	Ganga	22.99881	88.4041	Untapped	5.95	0.05	8.67	25
15.	Dhopa Ghat Drain	Hooghly	Bansberia	Domestic	Ganga	22.95324	88.40563	Untapped	0.97	0.01	10	28
16.	Rosbara khal, Hooghly	Hooghly	Chinsurah, Bandel	Domestic	Ganga	22.91832	88.39703	Untapped	27.48	0.47	17	39
17.	Chandni Ghat Drain, Chinsurah	Hooghly	Chinsurah	Domestic	Ganga	22.912834	88.398340	Untapped	20.62	0.41	20	56
18.	Imambara Khal	Hooghly	Chinsurah	Domestic	Ganga	22.908904	88.400824	Untapped	9.99	0.22	22	80
19.	Chinsurah – Majir Rasta Drain	Hooghly	Chinsurah	Domestic	Ganga	22.8764	88.3912	Untapped	40.68	0.89	22	76

41534

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
20.	Drain at Tamil para ferry ghat	Hooghly	Chinsurah	Domestic	Ganga	22.899916	88.404091	Untapped	FCM (Negligible flow)	-	-	-
21.	Sarishapara	Hooghly	Chandannagar	Domestic	Ganga	22.869342	88.378972	Untapped	2.06	0.058	28	100
22.	Chandannagar Drain	Hooghly	Chandannagar	Domestic	Ganga	22.856883	88.370004	Partially tapped	FCM (due to slope)	-	14	32
23.	Drain at Akhash Ganga ghat,	Hooghly	Chandannagar	Domestic	Ganga	22.847855	88.369652	Partially tapped	12.5	0.075	6	28
24.	Gondal Para	Hooghly	Chandannagar	Mixed	Ganga	22.836700	88.37309	Untapped	133.4	5.34	40	200
25.	Telini para drain	Hooghly	Bhadreswar	Mixed	Ganga	22.834497	88.373687	Untapped	8.9	0.36	40	152
26.	DVC Canal	Hooghly	Champdani	Mixed	Ganga	22.807332	88.351688	Untapped	179.16	3.58	20	72
27.	Champdany Ferry Ghat/Paolghat drain	Hooghly	Baidyabati, Champdani	Mixed	Ganga	22.799667	88.349304	Untapped	6.04	0.33	54	97
28.	Baidyabati Drain	Hooghly	Seoraphuli and Baidyabati	Domestic	Ganga	22.780667	88.328933	Untapped	353.54	4.95	14	48
29.	Chatra Khal, Serampore	Hooghly	Serampore	Domestic	Ganga	22.757975	88.341368	Untapped	41.3	1.32	32	69
30.	Serampore/Bhagirathi Drain	Hooghly	Serampore	Domestic	Ganga	22.743733	88.35609	Untapped	18.9	0.26	14	44

41535

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
31.	Hastings Ghat Drain, Rishra	Hooghly	Rishra	Domestic	Ganga	22.72415	88.355545	Untapped	34.31	2.16	63	169
32.	Rishra burning ghat	Hooghly	Rishra	Domestic	Ganga	22.72096	88.35526	Untapped	FCM (unapproachable location)	-	44	124
33.	Drain at Panchu dutta ghat	Hooghly	Konnagar	Domestic	Ganga	22.69465	88.36017	Untapped	4.85	0.08	17	48
34.	Bagh Khal, Rishra & Konnagar	Hooghly	Konnagar and Rishra	Mixed	Ganga	22.71376	88.35599	Untapped	91.48	2.65	29	68
35.	Bally Khal, Bally	Hooghly	Howrah	Mixed	Ganga	22.65495	88.34753	Untapped	1170.43	1.17	1	8
36.	New Bagher khal	North 24 Paragnas	Kanchrapara	Domestic	Ganga	22.94292 N	88.41391	Tapped	-	-	-	-
37.	Halisahar Drain	North 24 Paragnas	Halisahar	Domestic	Ganga	22.92807	88.41108	Untapped	68.58	1.17	17	40
38.	Drain at Halisahar municipality	North 24 Paragnas	Halisahar	Domestic	Ganga	22.939304	88.414293	Untapped	6.76	0.04	6	40
39.	Gariffa Drain (North)	North 24 Paragnas	Naihati	Domestic	Ganga	22.90799	88.40557	Untapped	16.81	0.40	24	68
40.	Gariffa Drain (South)/Rama ghat Drain-	North 24 Paragnas	Naihati	Domestic	Ganga	22.90684	88.40591	Untapped	10.6	0.36	34	116

41536

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
	Open Pucca Drain											
41.	Drain at Dadu Ram ghat	North 24 Paragnas	Naihati	Domestic	Ganga	22.91046	88.4045	Untapped	FCM (land subsided over the drain, drain broken)	-	-	-
42.	Drain at Ramghat	North 24 Paragnas	Naihati	Domestic	Ganga	22.90291	88.40728	Untapped	1.44	0.05	35	112
43.	Thannar Khal	North 24 Paragnas	Naihati	Domestic	Ganga	22.893288	88.412174	Partially tapped	19.01	0.68	36	188
44.	Alliance Jute Mill Drain	North 24 Paragnas	Jagaddal	Domestic	Ganga	22.857718	88.376438	Partially tapped	9.07	0.56	62	240
45.	Drain between Pratapnagar & Rajbari, Jagatdal	North 24 Paragnas	Jagaddal	Domestic	Ganga	22.844054	88.378501	Untapped	7.86	0.90	114	361
46.	Bhatpara open pucca drain	North 24 Paragnas	Bhatpara	Domestic	Ganga	22.880445	88.413470	Untapped	32.08	0.96	30	220
47.	Bhatpara Drain	North 24 Paragnas	Bhatpara	Domestic	Ganga	22.871143	88.399196	Untapped	2.42	0.19	78	396
48.	Authpur (Sast rinagar)	North 24 Paragnas	Shastrinagar and Bhatpara	Domestic	Ganga	22.83986	88.37851	Untapped	FCM (Inaccessible location)	-	-	-

41537

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
49.	Debitala panca khal	North 24 Paragnas	Ichapur	Domestic	Ganga	22.815437	88.360197	Untapped	FCM (lock gate closed)	-	35	127
50.	Ichapur Khal	North 24 Paragnas	Ichapur	Domestic	Ganga	22.804277	88.370612	Untapped	28	0.392	14	73
51.	Monirampore -Barrackpore	North 24 Paragnas	Barrackpore	Domestic	Ganga	22.776457	88.33666	Untapped	15.6	0.17	11	38
52.	Balughat, Manirampore, Pucca drain	North 24 Paragnas	Barrackpore	Domestic	Ganga	22.772451	88.336081	Untapped	2.8	0.11	41	114
53.	Barrackpore Drain (SP Bungalow)	North 24 Paragnas	Barrackpore	Domestic	Ganga	22.769605	88.340480	Untapped	28.6	1.86	65	182
54.	Dhobi Ghat Drain	North 24 Paragnas	Barrackpore	Domestic	Ganga	22.765000	88.345294	Untapped	1.1	0.008	7	19
55.	Barrackpore (adjacent to Ramakrishana Mission)	North 24 Paragnas	Barrackpore	Domestic	Ganga	22.764459	88.349077	Untapped	19	0.19	10	38
56.	Gandhi ghat Drain @ South gate-1	North 24 Paragnas	Barrackpore	Domestic	Ganga	22.75104	88.36564	Partially Tapped	9.5	0.079	8.33	20
57.	Talpokur	North 24 Paragnas	Titagarh	Mixed	Ganga	22.7479	88.3675	Partially Tapped	13.16	0.36	27.14	70
58.	Titagarh Drain @	North 24 Paragnas	Titagarh	Domestic	Ganga	22.73362	88.36340	Partially Tapped	3.92	0.08	21.42	60

41538

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
	Bishal laxmi Ghat											
59.	Khardha Khal, Khardha	North 24 Paragnas	Khardha	Mixed	Ganga	22.72584	88.36615	Untapped	145.98	5.84	40	110
60.	Drain near PB Ghat @ Kamarhati	North 24 Paragnas	Kamarhati Municipality area	Domestic	Ganga	22.68396	88.3676	Partially tapped	4.03	0.12	31	100
61.	Kamarhati Drain @ Jute Mill	North 24 Paragnas	Agarpara and Kamarhati area	Mixed	Ganga	22.68396	88.3676	Untapped	16.69	1.90	114	442
62.	Dakineshwar -Alambazar	North 24 Paragnas	Dakshin Raypur	Domestic	Ganga	22.65231	88.35965	Untapped	101.4	2.84	28	135
63.	Baranagar/Kuthighat Khal	North 24 Paragnas	Kolkata	Domestic	Ganga	22.636657	88.362840	Untapped	FCM (Inaccessible due to the slope)	-	94	252
64.	Dakshineswar ferry ghat drain, Dakshineswar	Kolkata	Kolkata	Domestic	Ganga	22.653695	88.357404	Untapped	FCM (drain underground and slope present)	-	53	96
65.	Cossipore Khal	Kolkata	Kolkata	Domestic	Ganga	22.613385	88.368821	Untapped	55.3	2.54	46	96
66.	Chitpur Ghat khal	Kolkata	Kolkata	Mixed	Ganga	22.607928	88.368122	Untapped	449.3	2.70	6	12

41539

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
67.	Nimtala Burning Ghat Drain	Kolkata	Kolkata	Domestic	Ganga	22.593659	88.351975	Untapped	Dry	-	-	-
68.	Drain near Howrah bridge	Kolkata	Kolkata	Domestic	Ganga	22.587719	88.349758	Untapped	FCM (Drain sealed)	-	-	-
69.	Tolly Nullah (Adi Ganga)	Kolkata	Kolkata	Domestic	Ganga	22.539309	88.333469	Untapped	483.84	9.68	20	77
70.	Dhanketikhali, Garden Reach	Kolkata	Kolkata	Mixed	Ganga	22.54789	88.289164	Untapped	103.6	7.15	69	176
71.	Kanchantala - I	Kolkata	Kolkata	Domestic	Ganga	22.547484	88.245489	Untapped	9.4	0.19	20	88
72.	Kanchantala- II	Kolkata	Kolkata	Domestic	Ganga	22.5456621	88.2458138	Untapped	8.3	0.15	18	72
73.	Kanchantala- III	Kolkata	Kolkata	Domestic	Ganga	22.54108	88.24483	Untapped	FCM (dry)	-	-	-
74.	Munikali Khal (formerly Drain @ Akhra Food ghar)	Kolkata	Kolkata	Mixed	Ganga	22.528699	88.247776	Untapped	129	2.06	16	80
75.	Muni Khali Khal (Akhra Ferry Ghat)	Kolkata	Maheshtala	Mixed	Ganga	22.523928	88.247723	Untapped	2.3	0.03	12	61

41540

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
76.	Dewangazi Drain, Bally	Howrah	Bally	Domestic	Ganga	22.642854	88.352733	Untapped	1.3	0.03	25	104
77.	Telkal Ghat drain, Howrah	Howrah	Howrah	Mixed	Ganga	22.57668	88.34003	Untapped	FCM (inaccessible)	-	79	165
78.	Ramkrishna Mullick Ghat,	Howrah	Howrah	Mixed	Ganga	22.57308	88.33701	Untapped	3.1	0.20	66	203
79.	130-Foreshore Road Drain	Howrah	Howrah	Mixed	Ganga	22.57127	88.33511	Untapped	8.8	1.31	149	303
80.	101, Foreshore Road Drain	Howrah	Howrah	Mixed	Ganga	22.56202	88.32713	Untapped	4	0.33	82	176
81.	Shibpur Burning Ghat,	Howrah	Howrah	Mixed	Ganga	22.56071	88.32585	Untapped	5.9	0.47	80	211
82.	Jagannath Drain-I, Belur	Howrah	Howrah	Domestic	Ganga	22.619741	88.360975	Untapped	5.1	0.16	32	167
83.	Botanical Garden -I	Howrah	Howrah	Domestic	Ganga	22.552399	88.309868	Untapped	8.64	0.14	16	49
84.	Botanical Garden -II	Howrah	Howrah	Domestic	Ganga	22.554551	88.300285	Untapped	6.48	0.24	37	98
85.	Nazerganj Khal	Howrah	Howrah	Mixed	Ganga	22.55837	88.277741	Untapped	1290	16.77	13	60
86.	N.C.Pal Khal	Howrah	Howrah	Mixed	Ganga	22.558446	88.277713	Untapped	11.19	0.045	4	15

41541

S. No.	Name of Drain	District	Towns/City in Catchment/ nearby	Pollution Sources (Domestic/ Mixed/Industrial)	Confluence to River	Sampling location		Tapped/ Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
87.	Saraswati Khal, Sankrail	Howrah	Sankrail	Mixed	Ganga	22.56249	88.22973	Untapped	26.18	0.42	16	52
88.	Singhi More Khal	Howrah	Sankrail	Domestic	Ganga	22.54152	88.22868	Untapped	6.12	0.03	5	24
89.	Sankrail, near Manikpur ferry ghat	Howrah	Sankrail	Domestic	Ganga	22.53036	88.23808	Untapped	Dry	-	-	-
90.	Drain @ Bazarpara, Garighat Sharenga Khal	Howrah	Sankrail	Mixed	Ganga	22.52119	88.20679	Untapped	779.9	10.14	13	48
91.	Budge Budge -Pujali	South 24 Paragnas	Kolkata	Domestic	Ganga	22.474729	88.146439	Untapped	327.78	0.33	1	10
92.	Dakshin Raypur	South 24 Paragnas	Dakshin Raypur	Domestic	Ganga	22.420782	88.148542	Untapped	FCM (lock gate closed)	-	7	40
93.	Baratala	South 24 Paragnas	Baratala	Domestic	Ganga	22.395522	88.138754	Untapped	271.8	1.09	4	33
94.	Falta -III	South 24 Paragnas	Diamond Harbour	Mixed	Ganga	22.239823	88.092575	Untapped	57	0.11	2	14
95.	Drain at Begunberia Harakhali	East Midnapore	Haldia	Domestic	Ganga	22.129582	88.163234	Untapped	331.7	1.66	5	28
96.	Green belt canal	East Midnapore	Haldia	Mixed	Ganga	22.062027	88.138452	Untapped	298.59	1.49	5	40

41542

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
97.	Jhikhurkhali drain	East Midnapore	Haldia	Mixed	Ganga	22.096836	88.181388	Untapped	Stagnant	-	2	20
Total									7629.8	107.33		

FCM= Flow could not be measured

Additional drains data of West Bengal (North 24 Parganas District)

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
1.	Alambazar Jute Factory	North 24 Parganas	Baranagar	Domestic	Ganga	22.645507	88.359609	Untapped	0.15	0.002	14.4	40.51
2.	Abasar Park/Hara Kumar Thakur Stand	North 24 Parganas	Baranagar	Domestic	Ganga	22.636182	88.362948	Untapped	0.864	0.022	25.09	92.87
3.	Balaram Sarkar Drain	North 24 Parganas	Bhatpara	Domestic	Ganga	22.876432	88.40778	Untapped	1.01	0.024	23.57	58
4.	Bakultala Ghat drain	North 24 Parganas	Bhatpara	Domestic	Ganga	22.874407	88.405103	Untapped	FCM (Negligible flow)	-	-	-
5.	Rupdas Babu Ghat	North 24 Parganas	Bhatpara	Domestic	Ganga	22.874407	88.4042	Untapped	FCM (Slope)	-	20.75	46
6.	Old ferry Ghat	North 24 Parganas	Bhatpara	Domestic	Ganga	22.874407	88.405103	Untapped	FCM (Negligible flow)	-	-	-
7.	Rajkrishna Ghosh Ghat drain	North 24 Parganas	Bhatpara	Domestic	Ganga	22.874407	88.405103	Untapped	Dry	-	-	-
8.	Old Ghat drain	North 24 Parganas	Bhatpara	Domestic	Ganga	22.880565	88.410077	Untapped	FCM (Negligible flow)	-	-	-
9.	Ladies Ghat drain	North 24 Parganas	Bhatpara	Domestic	Ganga	22.876451	88.407342	Untapped	Dry	-	-	-

41544

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
10.	Khetra Mistry Ghat drain	North 24 Parganas	Bhatpara	Domestic	Ganga	22.877717 9	88.408543 2	Untapped	Dry	-	-	-
11.	Drain @ Babu ghat colony	North 24 Parganas	Garulia	Domestic	Ganga	22.82477	88.36035	Untapped	0.391	0.005	14	34
12.	Drain @ Ratneshwar ghat road	North 24 Parganas	Garulia	Domestic	Ganga	22.82699	88.37418	Untapped	0.863	0.018	21	51
13.	Drain @ Rashik lal ghat	North 24 Parganas	Garulia	Domestic	Ganga	22.82712	88.36644	Untapped	0.1	0.002	18.5	42
14.	Drain @ Kangali Ghat/Old ferry ghat/Thakurbari ghat	North 24 Parganas	Garulia	Domestic	Ganga	22.82679	88.36821	Untapped	FCM (Negligible flow)	-	-	-
15.	Drain @ Babu ghat	North 24 Parganas	Garulia	Domestic	Ganga	22.82583	88.36091	Untapped	0.137	0.002	14.33	38
16.	Temple Road drain	North 24 Parganas	Khardah	Domestic	Ganga	22.72557	88.362209	Untapped	Stagnant	-	-	-
17.	Malatuli	North 24 Parganas	Khardah	Domestic	Ganga	22.72489	88.36236	Untapped	Stagnant	-	-	-
18.	Tilar Bagan Pump-house drain/ R N Banerjee road Gadadhar Ashram	North 24 Parganas	Khardah	Domestic	Ganga	22.7241	88.36254	Untapped	1.79	0.05	26.79	70

41545

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
19.	Shyam Sundar ghat/ Ferry ghat drain	North 24 Parganas	Khardah	Domestic	Ganga	22.72252	88.36321	Untapped	0.93	0.01	14.8	36
20.	Balaknath tola drain, Bhattacharjee Para Road	North 24 Parganas	Khardah	Domestic	Ganga	22.72089	88.36361	Untapped	Dry	-	-	-
21.	Rashmancha, Near Rashkhola Ghat-1, Ward no-17	North 24 Parganas	Khardah	Domestic	Ganga	22.7209	88.36354	Untapped	FCM (Negligible flow)	-	-	-
22.	Near Raskhola Ghat-2	North 24 Parganas	Khardah	Domestic	Ganga	22.7213	88.36334	Untapped	FCM (Negligible flow)	-	-	-
23.	Camp Ghat, Sarada Math, Ward no-22	North 24 Parganas	Khardah	Domestic	Ganga	NA	NA	Untapped	Dry	-	-	-
24.	Camp Ghat 2 (Narasingha Dutta, Ghat Road), Ward No-22	North 24 Parganas	Khardah	Domestic	Ganga	NA	NA	Untapped	Stagnant	-	-	-
25.	Kathia Baba Ashram	North 24 Parganas	Khardah	Domestic	Ganga	22.7126	88.36487	Untapped	FCM (Negligible flow)	-	-	-

41546

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
26.	Modhu Roy Ghat	North 24 Parganas	Kamarhati	Domestic	Ganga	22.665551	88.357735	Untapped	FCM (Negligible flow)	-	-	-
27.	Phari Ghat drain	North 24 Parganas	Kamarhati	Domestic	Ganga	22.664773	88.357399	Untapped	FCM (Underground)	-	-	-
28.	D D Mondal Ghat Drain	North 24 Parganas	Kamarhati	Domestic	Ganga	22.660976	88.356875	Untapped	FCM (Negligible flow)	-	-	-
29.	Wimco Ghat Pump House drain	North 24 Parganas	Kamarhati	Domestic	Ganga	22.65984	88.356758	Untapped	FCM (Underground)	-	7.8	18
30.	Drain at Debitala Road, by lane-1	North 24 Parganas	North Barrackpore	Domestic	Ganga	22.811997	88.359884	Untapped	FCM (Negligible flow)	-	-	-
31.	Drain at Gazitala Ghat	North 24 Parganas	North Barrackpore	Domestic	Ganga	22.79975	88.358111	Untapped	FCM (Negligible flow)	-	-	-
32.	Drain at Mondal Ghat	North 24 Parganas	North Barrackpore	Domestic	Ganga	22.796465	88.356537	Untapped	5.08	0.06	12	27
33.	Drain at Biswas Ghat	North 24 Parganas	North Barrackpore	Domestic	Ganga	22.798101	88.35751	Untapped	3.23	0.03	9.5	22
34.	Girish Ghat	North 24 Parganas	Garulia	Domestic	Ganga	22.82411	88.35963	Untapped	1.38	0.024	18	42
35.	Siddheswari Ghat	North 24 Parganas	Garulia	Domestic	Ganga	22.822982	88.359246	Untapped	0.424	0.005	13.4	35

41547

S. No.	Name of Drain	District	Towns/City in Catchment/ nearby	Pollution Sources (Domestic/ Mixed/Industrial)	Confluence to River	Sampling location		Tapped/ Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
36.	Siddheswari Ghat (Near Kalyan Pally)	North 24 Parganas	Garulia	Domestic	Ganga	22.822581	88.358804	Untapped	0.8	0.028	35	90
37.	Old burning Ghat	North 24 Parganas	Garulia	Domestic	Ganga	22.820857	88.360303	Untapped	Stagnant	-	-	-
38.	Drain at Nawabgonj Burning Ghat	North 24 Parganas	North Barrackpore	Domestic	Ganga	22.794851	88.355218	Untapped	FCM (Negligible flow)	-	-	-
39.	Drain at Nawabgonj Ferry Ghat	North 24 Parganas	North Barrackpore	Domestic	Ganga	22.798851	88.357736	Untapped	FCM (Negligible flow)	-	-	-
40.	Drain at Ghatak Para (near pay and use toilet)	North 24 Parganas	North Barrackpore	Domestic	Ganga	22.77645	88.336664	Untapped	6.91	0.07	9.67	23
41.	Gangadhar Smriti Sarani Ghat	North 24 Parganas	Halisahar	Domestic	Ganga	22.919572	88.40456	Untapped	4.22	0.20	47.5	120
42.	I.P.P. Ltd (Inside)	North 24 Parganas	Halisahar	Domestic	Ganga	22.917165	88.404252	Untapped	Dry	-	-	-
43.	Hukum Chand Jute Mill (Inside)	North 24 Parganas	Halisahar	Domestic	Ganga	22.923011	88.407169	Untapped	FCM (Underground)	-	31.25	80
44.	Anglo India Ghat Drain	North 24 Parganas	Bhatpara	Domestic	Ganga	22.866912	88.38801	Untapped	0.15	No sampling (negligible flow)		

41548

S. No.	Name of Drain	District	Towns/City in Catchment/ nearby	Pollution Sources (Domestic/ Mixed/Industrial)	Confluence to River	Sampling location		Tapped/ Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
45.	Pal ghat drain	North 24 Parganas	Bhatpara	Domestic	Ganga	22.86366	88.38065	Untapped	5.12	0.28	53.75	137.2
46.	Tindal ghat drain	North 24 Parganas	Bhatpara	Domestic	Ganga	22.85144	88.3755	Untapped	0.67	0.011	16.8	35
47.	Hara Ghosh ghat drain	North 24 Parganas	Bhatpara	Domestic	Ganga	22.846487	88.375266	Untapped	0.45	0.005	10.83	23.71
48.	Char Mandir Ghat	North 24 Parganas	Kamarhati	Domestic	Ganga	22.670684	88.360356	Untapped	5.184	0.52	100	245
49.	S.C.B.M Ghat	North 24 Parganas	Kamarhati	Domestic	Ganga	22.668966	88.359199	Untapped	FCM (Slope)	-	12.33	28.65
50.	Ariadaha Patbari Ghat	North 24 Parganas	Kamarhati	Domestic	Ganga	22.668116	88.358771	Untapped	FCM (inaccessible)	-	-	-
51.	Ariadaha Ferry Ghat	North 24 Parganas	Kamarhati	Domestic	Ganga	22.666696	88.358323	Untapped	1.81	0.017	9.5	25.69
52.	Mahotsavtala Ghat (Raja Ram Chand Ghat Road)	North 24 Parganas	Panihati	Domestic	Ganga	22.69638	88.366041	Untapped	FCM (Negligible flow)	-	-	-
53.	Giribala Ghat (Haladhar Bose Road)	North 24 Parganas	Panihati	Domestic	Ganga	2.689596	88.366631	Untapped	Dry	-	-	-
54.	Anandamoyee (Sadhu) Ghat (Hari Mohan Chatterjee Road)	North 24 Parganas	Panihati	Domestic	Ganga	22.685964	88.355279	Untapped	1.4	0.017	12.17	27.54

41549

S. No.	Name of Drain	District	Towns/City in Catchment/ nearby	Pollution Sources (Domestic/ Mixed/Industrial)	Confluence to River	Sampling location		Tapped/ Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
55.	Samsan Ghat drain	North 24 Parganas	Panihati	Domestic	Ganga	22.692456	88.366618	Untapped	FCM (Negligible flow)	-	-	-
56.	Pushan Ashram	North 24 Parganas	Halisahar	Domestic	Ganga	22.934717	88.413516	Untapped	1.1	0.011	9.75	24.7
57.	Highest Picnic Spot	North 24 Parganas	Halisahar	Domestic	Ganga	22.932108	88.412836	Untapped	Stagnant	-	-	-
58.	Lalkuthi	North 24 Parganas	Halisahar	Domestic	Ganga	22.926367	88.409567	Untapped	0.933	Sampling not done		
59.	Tranbabur Ghat drain	North 24 Parganas	Panihati	Domestic	Ganga	22.69993	88.366	Untapped	1.08	0.020	18.5	49
60.	Drain in Niharika Rd near Niharika Ghat	North 24 Parganas	Panihati	Domestic	Ganga	22.70485	88.36614	Untapped	FCM (Negligible flow)	-	-	-
61.	Shib Mandir Ghat	North 24 Parganas	Bhatpara	Domestic	Ganga	22.8369	88.3787	Untapped	FCM (Negligible flow)	-	-	-
62.	Abinash Sarkar Drain	North 24 Parganas	Bhatpara	Domestic	Ganga	22.831	88.379	Untapped	0.972	Sampling not done		
63.	Kalibari Ferry Ghat	North 24 Parganas	Bhatpara	Domestic	Ganga	22.829	88.379	Untapped	0.414	Sampling not done		
64.	Daktarkhanan Ghat Drain	North 24 Parganas	Bhatpara	Domestic	Ganga	22.829	88.3772	Untapped	0.6	Sampling not done		
Total									48.162	1.427		

FCM= Flow could not be measured

Additional drains data of West Bengal (Hooghly District)
41550

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
1.	Collage Ghat	Hooghly	Uttarpara	Domestic	Ganga	22.656334	88.350026	Untapped	Dry	-	-	-
2.	Muktokeshi Ghat	Hooghly	Uttarpara	Domestic	Ganga	22.657123	88.349966	Untapped	0.972	0.096	99	176
3.	Chatterjee Ghat	Hooghly	Uttarpara	Domestic	Ganga	22.658883	88.349724	Untapped	1.728	0.062	36	106
4.	Mondir Bari Ghat	Hooghly	Uttarpara	Domestic	Ganga	22.660667	88.35045	Untapped	12.96	0.40	31	82
5.	Masjid (Abanindra Nath Thakur Bagan Bari)	Hooghly	Konnagar	Domestic	Ganga	22.69624	88.36021	Untapped	Dry	-	-	-
6.	Martin Harris & Co	Hooghly	Konnagar	Domestic	Ganga	22.69889	88.35991	Untapped	0.57	0.04	69	161
7.	Konnagar High School	Hooghly	Konnagar	Domestic	Ganga	22.70402	88.35865	Untapped	0.10	0.001	13	43
8.	Bisha laxmi Ghat	Hooghly	Konnagar	Domestic	Ganga	22.70839	88.35784	Untapped	1.99	0.040	20	71
9.	Loknath Ghat	Hooghly	Konnagar	Domestic	Ganga	22.71203	88.35675	Untapped	0.10	0.004	43	102
10.	Ram ghat	Hooghly	Uttarpara	Domestic	Ganga	22.66379	88.350707	Tapped	Tapped	-	-	-
11.	Doltala Ghat	Hooghly	Uttarpara	Domestic	Ganga	22.668222	88.329916	Tapped	Tapped	-	-	-
12.	Shaw wallace Ghat	Hooghly	Uttarpara	Domestic	Ganga	22.66894	88.351695	Untapped	0.47	0.010	21	40
13.	Baidikpara Ghat	Hooghly	Uttarpara	Domestic	Ganga	22.683564	88.356671	Untapped	1.08	0.022	20	63

S. No.	Name of Drain	District	Towns/City in Catchment/ nearby	Pollution Sources (Domestic/ Mixed/Industrial)	Confluence to River	Sampling location		Tapped/ Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
14.	K.C. LAHA GHAT	Hooghly	Rishra	Domestic	Ganga	22.719443	88.355616	Untapped	FCM (inaccessible)	-	-	-
15.	SREEMANY GHAT	Hooghly	Rishra	Domestic	Ganga	22.719857	88.355641	Untapped	0.029	0.003	114	186
16.	Satya Charan Sastri Street	Hooghly	Serampore	Domestic	Ganga	22.73181	88.35769	Untapped	1.35	0.02	14	55
17.	BLC Mill Road	Hooghly	Serampore	Domestic	Ganga	22.736161	88.357864	Untapped	1.24	0.10	81	154
18.	Bose Para Lane	Hooghly	Serampore	Domestic	Ganga	22.737955	88.357965	Untapped	4.28	0.34	80	135
19.	Neheru Nagar Colony	Hooghly	Serampore	Domestic	Ganga	22.739859	88.356983	Untapped	23.3	0.96	41	144
20.	Neheru Nagar Colony II	Hooghly	Serampore	Domestic	Ganga	22.741074	88.356644	Untapped	15.1	0.77	51	160
21.	William Carry Road	Hooghly	Serampore	Domestic	Ganga	22.752194	88.352754	Untapped	8.4	0.39	46	108
22.	M G Road	Hooghly	Serampore	Domestic	Ganga	22.756712	88.345729	Untapped	18.5	1.33	72	192
23.	A K Dutta Sarani	Hooghly	Serampore	Domestic	Ganga	22.762205	88.338321	Untapped	Dry	-	-	-
24.	A K Dutta Sarani II	Hooghly	Serampore	Domestic	Ganga	22.762601	88.337899	Untapped	14.8	0.38	26	132
25.	A P Ghosh Road	Hooghly	Serampore	Domestic	Ganga	22.769627	88.333247	Untapped	0.90	0.02	17	88
26.	Arabindo Sarani	Hooghly	Serampore	Domestic	Ganga	22.769638	88.33327	Untapped	24.84	0.82	33	120
27.	Barin Ghosh Lane	Hooghly	Serampore	Domestic	Ganga	22.771279	88.332172	Untapped	0.340	0.06	163	304

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
28.	Kanai Dewan Tala	Hooghly	Baidyabati	Domestic	Ganga	22.771627	88.332236	Untapped	Dry	-	-	-
29.	Sukri Mill bylane Belting	Hooghly	Baidyabati	Domestic	Ganga	22.772497	88.331775	Untapped	FCM (Negligible flow)	-	-	-
30.	Gurghat Bikash Kundu Lane	Hooghly	Baidyabati	Domestic	Ganga	22.773811	88.331113	Tapped	Tapped	-	-	-
31.	Harish Road Crossing , Near Nistarini Kali Barir More	Hooghly	Baidyabati	Domestic	Ganga	22.775069	88.330417	Tapped	1.4	0.063	45	120
32.	Near Sheoraphuli Fish Market	Hooghly	Baidyabati	Domestic	Ganga	22.776212	88.330207	Partially tapped	0.17	0.02	135	308
33.	Sheoraphuli Ferry Ghat	Hooghly	Baidyabati	Domestic	Ganga	22.777093	88.329916	Partially tapped	1.72	0.02	9	20
34.	Coal Depo , Sheoraphuli Ghat , Kumarpara Lane	Hooghly	Baidyabati	Domestic	Ganga	22.776699	88.323811	Tapped	Tapped	-	-	-
35.	Beside Poddar Ghat	Hooghly	Baidyabati	Domestic	Ganga	22.784062	88.330946	Tapped	Tapped	-	-	-
36.	It Bhata , Near Dr. S.N. Roy , Child Specialist Chamber	Hooghly	Baidyabati	Domestic	Ganga	22.787065	88.330825	Tapped	Tapped	-	-	-

S. No.	Name of Drain	District	Towns/City in Catchment/ nearby	Pollution Sources (Domestic/ Mixed/Industrial)	Confluence to River	Sampling location		Tapped/ Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
	Shubhatala Lane,											
37.	204 Sarat Chandra Mukherjee Road , Jora Asaththatala , Dhanmath	Hooghly	Baidyabati	Domestic	Ganga	22.788923	88.335161	Tapped	1.24	0.05	40	95
38.	Gabtala Ghat , Jora Asaththatala	Hooghly	Baidyabati	Domestic	Ganga	22.790501	88.335713	Untapped	0.74	0.02	24	83
39.	Rani Ghat , Jora Asaththatala	Hooghly	Baidyabati	Domestic	Ganga	22.79085	88.336218	Tapped	Tapped	-	-	-
40.	Rajbanshi Para, opposite lane of Allahabad Bank Baidyabati Branch	Hooghly	Baidyabati	Domestic	Ganga	22.79085	88.336218	Untapped	0.31	0.01	48	158
41.	Rajbanshipara Ghat	Hooghly	Baidyabati	Domestic	Ganga	22.79225	88.338528	Untapped	0.10	0.02	188	895
42.	Baishnab Para	Hooghly	Baidyabati	Domestic	Ganga	22.79248	88.338968	Untapped	Dry	-	-	-
43.	Aparupa Matri Sadan, Baidyabati	Hooghly	Baidyabati	Domestic	Ganga	22.779798	88.329551	Tapped	Tapped	-	-	-
44.	Banamali High School, Surighat	Hooghly	Baidyabati	Domestic	Ganga	22.782358	88.330216	Tapped	Tapped	-	-	-

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
45.	Back side of Banamali High School	Hooghly	Baidyabati	Domestic	Ganga	22.78126	88.329759	Tapped	Tapped	-	-	-
46.	Back side of Banamali High School (Freinds Union Club)	Hooghly	Baidyabati	Domestic	Ganga	22.781243	88.329889	Untapped	FCM (Negligible flow)	-	-	-
47.	1/1 Nemai Tirtha Road , Suri Ghat (Shyam Chatujje)	Hooghly	Baidyabati	Domestic	Ganga	22.784600	88.33131	Untapped	FCM (Negligible flow)	-	-	-
48.	Suri Ghat	Hooghly	Baidyabati	Domestic	Ganga	22.783749	88.330915	Tapped	Tapped	-	-	-
49.	Babu Ghat, G.T. Road, Bhadreswar	Hooghly	Bhadreswar	Domestic	Ganga	22.82883	88.358329	Untapped	6.48	0.19	30	100
50.	Tikiya para I, Tatini Ghat, G.T. Road, Bhadreswar,	Hooghly	Bhadreswar	Domestic	Ganga	22.827616	88.356804	Untapped	0.17	Sampling not done (less flow)		
51.	Shivtala Ghat I, Near S.N. Jute Mill Gate Telinipara	Hooghly	Bhadreswar	Domestic	Ganga	22.3298056	88.361444	Untapped	FCM (Inaccessible)	-	-	-
52.	Shivtala Ghat - II, Near Natun para, Telinipara , Bhadreswar	Hooghly	Bhadreswar	Domestic	Ganga	22.8300833	88.363888	Untapped	FCM (Inaccessible)	-	-	-

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
53.	Kangali Ghat , Near Victoria Jute Mill Gate, Telinipara , Bhadreswar,	Hooghly	Bhadreswar	Domestic	Ganga	22.8301111	88.367805	Tapped	Tapped	-	-	-
54.	Kanai Sarkar Ghat	Hooghly	Chandannagar	Domestic	Ganga	22.86601	88.37733	Untapped	1.34	0.16	120	181
55.	Suri Ghat	Hooghly	Chandannagar	Domestic	Ganga	22.86581	88.37678	Untapped	5.71	0.69	120	193
56.	Dhankal Ghat	Hooghly	Chandannagar	Domestic	Ganga	22.8648	88.37606	Untapped	3.88	0.44	113	197
57.	Murgi Patti	Hooghly	Chandannagar	Domestic	Ganga	22.86199	88.37266	Untapped	0.124	0.01	80	237
58.	Chuna Goli	Hooghly	Chandannagar	Domestic	Ganga	22.863758	88.374003	Untapped	3.11	0.31	99	182
59.	Hanuman Temple	Hooghly	Chandannagar	Domestic	Ganga	22.861361	88.371718	Untapped	6.86	0.36	52	115
60.	Kachari Ghat	Hooghly	Chandannagar	Domestic	Ganga	22.846497	88.370471	Untapped	0.43	0.010	24	79
61.	Netaji Nagor Ghat	Hooghly	Bansberia	Domestic	Ganga	22.9873	88.40227	Untapped	0.29	0.012	41	89
62.	Bhanga Ghat	Hooghly	Bansberia	Domestic	Ganga	22.98549	88.40201	Untapped	0.53	0.008	16	31
63.	Jhautala Ghat	Hooghly	Bansberia	Domestic	Ganga	22.98024	88.40127	Untapped	FCM (Negligible flow)	-	-	-
64.	Shibpur Camp	Hooghly	Bansberia	Domestic	Ganga	22.97602	88.40107	Untapped	2.93	0.056	19	39
65.	Raja Ghat	Hooghly	Bansberia	Domestic	Ganga	22.9732	88.40311	Untapped	0.098	0.002	21	59
66.	Panchanantala Ghat	Hooghly	Bansberia	Domestic	Ganga	22.9672208	88.405644	Untapped	Dry	-	-	-
67.	Rudra Ghat	Hooghly	Bansberia	Domestic	Ganga	22.965312	88.406085	Untapped	17.2	0.43	25	72

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
68.	Benia Ghat	Hooghly	Bansberia	Domestic	Ganga	22.961061	88.406489	Untapped	0.40	0.01	21	76
69.	Mahakalitala Ghat	Hooghly	Bansberia	Domestic	Ganga	22.9576471	88.405860	Untapped	3.1	0.07	22	80
70.	Teli Sarkar Ghat	Hooghly	Bansberia	Domestic	Ganga	22.9551801	88.405656	Untapped	0.94	0.04	45	100
71.	Cha Mandir Ghat	Hooghly	Bansberia	Domestic	Ganga	22.952342	88.404188	Untapped	0.34	0.001	3	12
72.	Mondal Ghat	Hooghly	Bansberia	Domestic	Ganga	22.949562	88.40337	Untapped	0.72	0.02	23	107
73.	Bakultala Ghat	Hooghly	Bansberia	Domestic	Ganga	22.947933	88.403385	Untapped	3.456	0.03	10	67
74.	Gandheswari North Ghat	Hooghly	Bansberia	Domestic	Ganga	22.944306	88.405389	Untapped	0.6	0.01	12	79
75.	Dunlop Kheya Ghat	Hooghly	Bansberia	Domestic	Ganga	22.940916	88.405961	Untapped	0.864	0.03	36	111
76.	Beside Poura Plumber Swapan House	Hooghly	Chinsurah	Domestic	Ganga	22.871896	88.38258	Untapped	2.30	0.09	39	175
77.	Beside Stand Road Tara Ma Lodge	Hooghly	Chinsurah	Domestic	Ganga	22.872776	88.38469	Untapped	0.10	0.002	22	79
78.	Beside Stand Road Susanta Ghosh House	Hooghly	Chinsurah	Domestic	Ganga	22.873000	88.385035	Untapped	0.33	0.010	30	119
79.	From Stand road Khatal	Hooghly	Chinsurah	Domestic	Ganga	22.873177	87.385786	Untapped	0.090	0.009	105	349
80.	Beside Tula Patti Ghat Kali	Hooghly	Chinsurah	Domestic	Ganga	22.873668	88.387028	Untapped	FCM (Negligible flow)	-	-	-






S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
	Mandir Stand road											
81.	Tula Patti Ghat Majher rasta	Hooghly	Chinsurah	Domestic	Ganga	22.874181	88.387564	Untapped	FCM (Negligible flow)	-	-	-
82.	Bagdi Gali Math Para	Hooghly	Chinsurah	Domestic	Ganga	22.874685	88.388764	Untapped	FCM (Negligible flow)	-	-	-
83.	From Kushi Goli to Bagdi Goli Masjid	Hooghly	Chinsurah	Domestic	Ganga	22.875096	88.389764	Untapped	FCM (Inaccessible)	-	-	-
84.	Shyam Babus Ghat Basti	Hooghly	Chinsurah	Domestic	Ganga	22.879303	88.396549	Untapped	FCM (Negligible flow)	-	-	-
85.	Near Sambabur Burning Ghat	Hooghly	Chinsurah	Domestic	Ganga	22.878766	88.395027	Untapped	0.44	0.02	40	209
86.	Beside Joraghat Bankim Bhawan	Hooghly	Chinsurah	Domestic	Ganga	22.893891	88.404318	Untapped	FCM (Negligible flow)	-	-	-
87.	Beside Jyotish Chandra Balika Vidyalaya	Hooghly	Chinsurah	Domestic	Ganga	22.89259	88.40433	Untapped	FCM (Negligible flow)	-	-	-
88.	Beside Old Ferry Ghat	Hooghly	Chinsurah	Domestic	Ganga	22.890486	88.404373	Untapped	Dry	-	-	-
89.	From Barabazar to	Hooghly	Chinsurah	Domestic	Ganga	22.888863	88.402622	Untapped	2.88	0.16	54	165

S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
	Haru Mondal Ganga Ghat											
90.	From Banimondir to Ghanta Ghat Mohosin College	Hooghly	Chinsurah	Domestic	Ganga	22.883178	88.401246	Untapped	6.91	0.15	21.6	56
91.	Pathak Ghat Sandeswartala	Hooghly	Chinsurah	Domestic	Ganga	22.880139	88.397966	Untapped	FCM (Negligible flow)	-	-	-
92.	Dutta Ghat Sandeswartala	Hooghly	Chinsurah	Domestic	Ganga	22.880743	88.398867	Untapped	FCM (Negligible flow)	-	-	-
93.	Near Som Traning School Sandeswartala	Hooghly	Chinsurah	Domestic	Ganga	22.879565	88.397096	Untapped	FCM (Negligible flow)	-	-	-
94.	Beside Hooghly Jail Shiv Mandir	Hooghly	Chinsurah	Domestic	Ganga	22.90611	88.403043	Untapped	3.86	0.12	30	72
95.	In East position of Mallick Gas Godowon	Hooghly	Chinsurah	Domestic	Ganga	22.904579	88.403274	Untapped	FCM (Negligible flow)	-	-	-
96.	Mallick Ghat	Hooghly	Chinsurah	Domestic	Ganga	22.903583	88.403479	Untapped	Dry	-	-	-
97.	Beside Bakultala Burning Ghat	Hooghly	Chinsurah	Domestic	Ganga	22.902414	88.403848	Tapped	Tapped	-	-	-
98.	In East position of	Hooghly	Chinsurah	Domestic	Ganga	22.901711	88.40388	Untapped	0.86	0.02	24	68

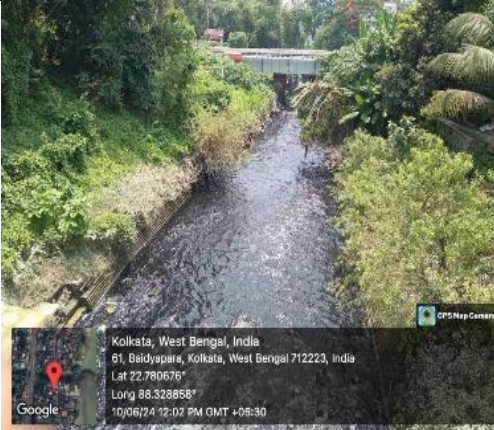







S. No.	Name of Drain	District	Towns/City in Catchment/nearby	Pollution Sources (Domestic/Mixed/Industrial)	Confluence to River	Sampling location		Tapped/Untapped (T/UT)	Flow (MLD)	BOD Load (TPD)	BOD (mg/l)	COD (mg/l)
						Latitude	Longitude					
	Ghutiya Bazar Durga Mondir											
99.	Beside Rashmoni Ghat	Hooghly	Chinsurah	Domestic	Ganga	22.901001	88.404012	Untapped	Dry	-	-	-
100.	Beside Bokultala Park	Hooghly	Chinsurah	Domestic	Ganga	22.899194	88.403814	Untapped	1.96	0.071	36	100
101.	In Between Bakultala Ghat & Mayur Pankhi Ghat	Hooghly	Chinsurah	Domestic	Ganga	22.897532	88.404108	Untapped	0.635	0.002	3	12
102.	Near mother dairy Rathtala	Hooghly	Chinsurah	Domestic	Ganga	22.894904	88.404403	Untapped	1.38	0.037	27	80
103.	Kultala Sahaganj Main Road	Hooghly	Chinsurah	Domestic	Ganga	22.92922	88.401534	Untapped	4.86	0.17	35	92
104.	Beside Sahaganj Police Phari	Hooghly	Chinsurah	Domestic	Ganga	22.927545	88.39923	Untapped	0.33	0.01	32	96
105.	High Drain near Don Bosco Kumarbari	Hooghly	Chinsurah	Domestic	Ganga	22.921828	88.395488	Untapped	2.85	0.08	27	56
106.	Kalitala Ghat	Hooghly	Chinsurah	Domestic	Ganga	22.915656	88.397746	Untapped	1.84	0.17	91	227
Total									229.93	10.05		


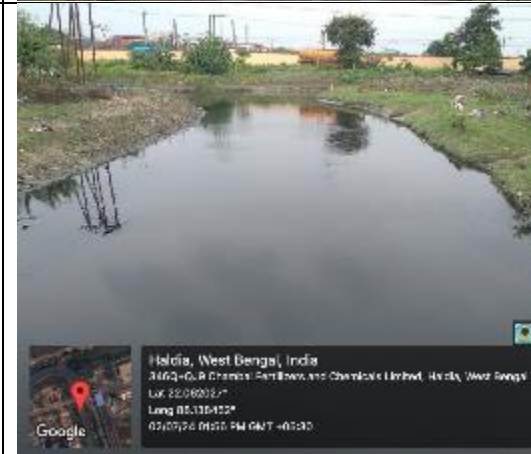



FCM= Flow could not be measured

Details of drain name and photographs during Post Monsoon-2023 & Pre-monsoon 2024


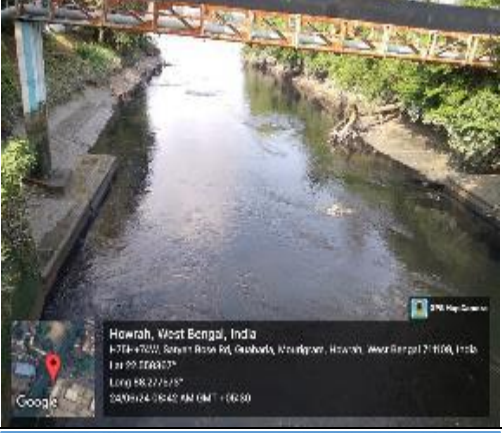


Sl. No.	Name of Drain	Photograph of sampling/tapping point	Photograph of confluence point
1.	Jangipur drain, Murshidabad		
2.	Sagardighi WBDCL water project, Mushidabad		
3.	Rattala Gorabazar, Mushidabad		

<p>4.</p>	<p>Sakai para Ghat drain, Katwa</p>		
<p>5.</p>	<p>Kasiganj , Katwa</p>		
<p>6.</p>	<p>Sukanta pally, Katwa</p>		
<p>7.</p>	<p>Roshbara Khal, Hooghly</p>		









<p>8.</p>	<p>Baidyabati Drain, Baidyabati</p>	 <p>Kolkata, West Bengal, India 81, Baidyapara, Kolkata, West Bengal 712223, India Lat 22.780676° Long 88.328858° 10/06/24 12:02 PM GMT +05:30</p>	 <p>Kolkata, West Bengal, India 81, Baidyapara, Kolkata, West Bengal 712223, India Lat 22.780667° Long 88.328933° 10/06/24 12:02 PM GMT +05:30</p>
<p>9.</p>	<p>Hastings Ghat drain, Rishra</p>	 <p>Hastings, West Bengal, India 199-41 M40, Bangur Park, Rishra, West Bengal 712202, India Lat 22.794168° Long 88.386624° 10/06/24 09:40 AM GMT +05:30</p>	 <p>Hastings, West Bengal, India 199-41 M40, Bangur Park, Rishra, West Bengal 712202, India Lat 22.794168° Long 88.386624° 10/06/24 09:40 AM GMT +05:30</p>
<p>10.</p>	<p>Gariffa North Drain</p>	 <p>WC44+MHX, Garifa, Naihati, West Bengal 743165, India, Lat: 22.906982, Long: 88.406063 10 Jun, 24, 12:00 pm, Monday 0° 205 SW</p>	 <p>WC44+MHX, Garifa, Naihati, West Bengal 743165, India, Lat: 22.906982, Long: 88.406063 10 Jun, 24, 11:34 am, Monday 0° 238 SW</p>
<p>11.</p>	<p>Gariffa South Drain</p>	 <p>WC44+MHX, Garifa, Naihati, West Bengal 743165, India, Lat: 22.906982, Long: 88.406063 10 Jun, 24, 11:34 am, Monday 0° 254 W</p>	 <p>WC44+MHX, Garifa, Naihati, West Bengal 743165, India, Lat: 22.906982, Long: 88.406063 10 Jun, 24, 11:34 am, Monday 0° 238 SW</p>







<p>12.</p>	<p>Ramghat Naihati</p>		
<p>13.</p>	<p>Green Belt Canal drain</p>		
<p>14.</p>	<p>Halisahar drain Halisahar</p>		
<p>15.</p>	<p>New Bagher Drain,</p>		


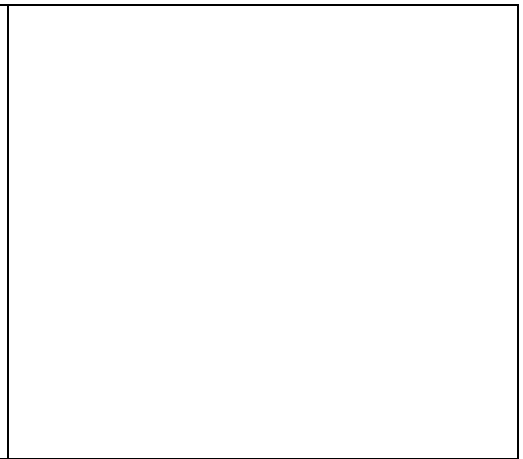






<p>16.</p>	<p>Chandni Ghat Chinusurah</p>		
<p>17.</p>	<p>Imambara khal Chinusurah</p>		
<p>18.</p>	<p>Chinsurah majer rasta drain, Chinsurah</p>		
<p>19.</p>	<p>Tamlipara Ferry ghat Drain, chinsurah</p>		

<p>20.</p>	<p>Botanical Garden-1, Kolkata</p>	 <p>Howrah, West Bengal, India 30123, 8, Oct Rd, 100m Walk to of Durgamoyee Suburban Techno, 20Bps, Howrah, West Bengal, India Lat: 22.954991° Long: 88.328881° 24/01/24 10:41 AM GMT +05:30</p>	
<p>21.</p>	<p>Botanical Garden-2, Kolkata</p>	 <p>Howrah, West Bengal, India 30123, 8, Oct Rd, 100m Walk to of Durgamoyee Suburban Techno, 20Bps, Howrah, West Bengal, India Lat: 22.954991° Long: 88.328881° 24/01/24 10:41 AM GMT +05:30</p>	 <p>Howrah, West Bengal, India 30123, 8, Oct Rd, 100m Walk to of Durgamoyee Suburban Techno, 20Bps, Howrah, West Bengal, India Lat: 22.954991° Long: 88.328881° 24/01/24 10:41 AM GMT +05:30</p>
<p>22.</p>	<p>Nazerganj khal, Kolkata</p>	 <p>Howrah, West Bengal, India 30124, 47011, Sanyal Bazar Rd, Gaidbanda, Howrah, West Bengal, India Lat: 22.954991° Long: 88.328881° 24/01/24 10:42 AM GMT +05:30</p>	 <p>Howrah, West Bengal, India 30124, 47011, Sanyal Bazar Rd, Gaidbanda, Howrah, West Bengal, India Lat: 22.954991° Long: 88.328881° 24/01/24 10:42 AM GMT +05:30</p>
<p>23.</p>	<p>Cossipur Drain, Kolkata</p>		 <p>3 Mar 2024, 2:52 pm</p>

<p>24.</p>	<p>Dewangazi Drain, Howrah</p>		
<p>25.</p>	<p>Kamarhati drain@ jute mill</p>		
<p>26.</p>	<p>Dakshineswar, Alambazar</p>		
<p>27.</p>	<p>Balughat manirampore pucca drain, barrackpore</p>	<p>Q8FP-494, Bhole Giri Rd, Manirampore, Barrackpore, North Baran, West Bengal 741122, India Latitude: 22.77248163241893° Longitude: 88.33613782189786° Local 02:01:42 pm Altitude 5 meters GMT 08:50:42 am Thursday, 30.05.2024</p>	







<p>28.</p>	<p>Barrackpore drain near SP Bungalow</p>	 <p>GPS Map Camera Lite</p> <p>254, SN Banerjee Rd, New Barrackpur, Sardar Bazar, Kolkata, Barrackpur Cantonment, West Bengal 700131, India</p> <p>Latitude: 22.76972897350788° Longitude: 88.34049976430833° Altitude: 11 meters Local: 12:49:42 PM GMT 07:13:42 AM Thursday, 30.05.2024</p>	 <p>GPS Map Camera Lite</p> <p>Q89Q-WCW Majumder House, Sardar Bazar, North Barrackpur, Barrackpore, West Bengal 743122, India</p> <p>Latitude: 22.769390763171491° Longitude: 88.33888063207269° Altitude: 7 meters Local: 01:19:54 PM GMT 07:45:58 AM Thursday, 30.05.2024</p>
<p>29.</p>	<p>Saraswati Khal, Sakrail</p>	 <p>H66H+RVM, Ramchandrapur, Sankrail, Howrah, West Bengal, India</p> <p>Lat: 22.562164, Long: 88.229761 03 Jun, 24, 05:33 pm, Monday</p> <p>0° 166 S</p>	
<p>30.</p>	<p>Sarenga Khal, Sankrail</p>	 <p>G8C4+MWB, Sarenga Ferry Ghat Rd, Sarenga, Manikpur, West Bengal, India</p> <p>Lat: 22.521705, Long: 88.207325 03 Jun, 24, 03:55 pm, Monday</p> <p>0° 169 S</p>	 <p>G8C4+MWB, Sarenga Ferry Ghat Rd, Sarenga, Manikpur, West Bengal, India</p> <p>Lat: 22.521705, Long: 88.207325 03 Jun, 24, 03:55 pm, Monday</p> <p>0° 169 S</p>
<p>31.</p>	<p>Chandannagr drain, Chandannagar</p>		



<p>32.</p>	<p>Drain near Aakash Ganga Ghat, Chandannagar</p>		
<p>33.</p>	<p>Telinipara</p>		
<p>34.</p>	<p>Dakshinraipur</p>	 <p>C4CX+995, Birapur, Dakshin Raypur, West Bengal 743518, India Latitude 22.4207860° Longitude 88.148555449° Elevation 96.9 meters Altitude 0 meters GMT 10 11:48 AM Thursday, 06.06.2024</p>	
<p>35.</p>	<p>Baidyabati drain, Baidyabati</p>	 <p>Kolkata, West Bengal, India 81, Baidyapara, Kolkata, West Bengal 712223, India Lat 22.780676° Long 88.328858° 10/06/24 12:02 PM GMT +05:30</p>	 <p>Kolkata, West Bengal, India 81, Baidyapara, Kolkata, West Bengal 712223, India Lat 22.780667° Long 88.328933° 10/06/24 12:02 PM GMT +05:30</p>

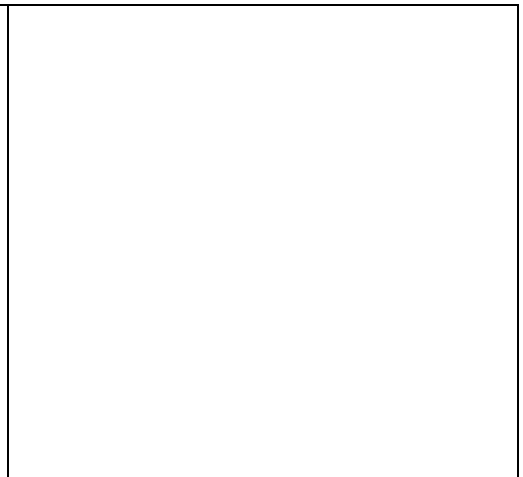



<p>36.</p>	<p>Telkal Ghat Drain, Howrah</p>		
<p>37.</p>	<p>Ramakrishna Mullick Ghat Drain, Howrah</p>		
<p>38.</p>	<p>130 Foreshore road drain, Howrah</p>		
<p>39.</p>	<p>101 Foreshore road drain, Howrah</p>		







40.	Tolly Nullah, Kolkata	 <p>Kolkata, West Bengal, India 37, Orpan Gang Market, Alipore, Kolkata, West Bengal 700023, India Lat 22.539266° Long 88.333358° 13/06/24 11:32 AM GMT +05:30</p>	
41.	Dhanketi khal, Kolkata	 <p>Kolkata, West Bengal, India h 139, Shyam Lal Ln, Garden Reach, Kolkata, West Bengal 700024, India Lat 22.547866° Long 88.289724° 13/06/24 10:38 AM GMT +05:30</p>	 <p>Kolkata, West Bengal, India s, 5, Dikar Jha Ln, Southem Generating Station CESC, Garden Reach, Kolkata, West Bengal 700024, India Lat 22.550477° Long 88.289754° 13/06/24 11:01 AM GMT +05:30</p>
42.	Debitala Pancha Khal	 <p>Kolkata, West Bengal, India 1077, Ganula, Kolkata, West Bengal 742122, India Lat 22.615496° Long 89.360469° 14/06/24 10:58 AM GMT +05:30</p>	


<p>43.</p>	<p>Kanchantala II, Garden reach</p>		
<p>44.</p>	<p>Munikhali khal @Akhra ferry Ghat</p>		
<p>45.</p>	<p>Thanar khal Naihati</p>		
<p>46.</p>	<p>Bhatpara Drain ,Bhatpara</p>		









<p>47.</p>	<p>Drain near Allaince Jute Mill, Bhatpara</p>		
<p>48.</p>	<p>Panchu Dutta Ghat</p>		
<p><u>Hooghly District Additional Drain</u></p>			
<p>49.</p>	<p>College Ghat drain</p>		






<p>50.</p>	<p>Muktokeshi Ghat Drain</p>		
<p>51.</p>	<p>Chatterjee Ghat Drain (Private Ghat)</p>		
<p>52.</p>	<p>Mondir Bari Ghat Drain</p>		
<p>53.</p>	<p>Doltala ghat drain (Tapping point)</p>		


<p>54.</p>	<p>Shaw Wallace ghat drain</p>		
<p>55.</p>	<p>Baidik para ghat drain</p>		
<p>56.</p>	<p>Sreemany, Rishra</p>	 <p>GPS Map Camera Hooghly, West Bengal, India 89242305, Bangor Park, Nicora, West Bengal 712248, India Lat 22.719901° Long 88.355782° 29/02/24 10:48 AM GMT +05:30</p>	 <p>GPS Map Camera Hooghly, West Bengal, India 89242305, Bangor Park, Nicora, West Bengal 712248, India Lat 22.719901° Long 88.355782° 29/02/24 10:48 AM GMT +05:30</p>
<p>57.</p>	<p>BLC Ghat Drain, Serampore</p>	 <p>GPS Map Camera Hooghly, West Bengal, India 488/A/2, BLC Mills Rd, Mahesh Bose Para, Serampore, West Bengal 712202, India Lat 22.739161° Long 88.357664° 29/02/24 12:18 PM GMT +05:30</p>	

<p>58.</p>	<p>Kanai Diwan tala drain</p>		
<p>59.</p>	<p>Sukri Mill bylane crossing drain</p>		
<p>60.</p>	<p>Nistarini Kali bari More drain (damaged tapping point)</p>		
<p>61.</p>	<p>K.C. Iaha Ghat, Rishra</p>	 <p>GPS Map Camera Hooghly, West Bengal, India 23°54' 00.00" N, 88° 45' 00.00" E West Bengal 712248, India Lat 22.750000 Long 88.355833 26/02/24 10:22 AM GMT +05:30</p>	 <p>GPS Map Camera Hooghly, West Bengal, India 23°54' 00.00" N, 88° 45' 00.00" E West Bengal 712248, India Lat 22.750000 Long 88.355833 26/02/24 10:30 AM GMT +05:30</p>

<p>62.</p>	<p>Satyacharan Shastri street, Serampore</p>	 <p>Hooghly, West Bengal, India Surki Tala Ghat, 17, Satya Charan Shastri St, Mahesh Bose Para, Serampore, West Bengal 712202, India Lat 22.731742° Long 88.35772° 29/02/24 11:33 AM GMT +05:30</p>	 <p>Hooghly, West Bengal, India Surki Tala Ghat, 17, Satya Charan Shastri St, Mahesh Bose Para, Serampore, West Bengal 712202, India Lat 22.731742° Long 88.35772° 29/02/24 11:33 AM GMT +05:30</p>
<p>63.</p>	<p>Bose para lane, Serampore</p>	 <p>[no name], West Bengal, India 449A, B.C Mills Rd, Mahesh Bose Para, Serampore, [no name], West Bengal 712202, India Lat 22.737555° Long 88.357955° 29/02/24 12:57 PM GMT +05:30</p>	 <p>[no name], West Bengal, India 449A, B.C Mills Rd, Mahesh Bose Para, Serampore, [no name], West Bengal 712202, India Lat 22.737555° Long 88.357955° 29/02/24 12:57 PM GMT +05:30</p>
<p><u>North 24 Parganas District Additional Drain</u></p>			
<p>64.</p>	<p>Abasar Park/Hara Kumar Thakur Stand</p>	 <p>12 June 2024 11:41 am</p>	 <p>12 June 2024 12:01 pm</p>

<p>65.</p>	<p>Balaram Sarkar Drain (Bhatpara)</p>	 <p>67, Kankinara, Jagatdal, Kolkata, Bhatpara, West Lat: 22.867980, Long: 88.402146 13 Jun, 24, 11:50 am, Thursday</p>	 <p>67, Kankinara, Jagatdal, Kolkata, Bhatpara, West Lat: 22.867980, Long: 88.402146 13 Jun, 24, 11:42 am, Thursday</p>
<p>66.</p>	<p>Rupdas Babu Ghat Drain</p>	 <p>36, Gourmohan Roy Ln, Bhatpara, Jagatdal, Kolkata, Lat: 22.874407, Long: 88.405103 13 Jun, 24, 12:23 pm, Thursday</p>	 <p>36, Gourmohan Roy Ln, Bhatpara, Jagatdal, Kolkata, Lat: 22.874407, Long: 88.405103 13 Jun, 24, 12:28 pm, Thursday</p>
<p>67.</p>	<p>Tindal Ghat Drain</p>		
<p>68.</p>	<p>Girish Ghat Drain</p>		

<p>69.</p>	<p>Siddheswari Ghat</p>		
<p>70.</p>	<p>Siddheswari Ghat (Near Kalyan Pally)</p>		
<p>71.</p>	<p>Gangadhar smriti sarani ghat drain</p>		
<p>72.</p>	<p>Phari Ghat drain</p>		

<p>73.</p>	<p>Wimco ghat pump house Drain</p>	 <p>A photograph showing water cascading over a stone structure, likely a weir or part of a drainage system. In the background, a large metal truss bridge spans across the water. The scene is outdoors with some greenery on the left.</p> <p>Suvanka Uttarpura 2024.07.02 15:48</p>	 <p>A close-up photograph of a yellow mesh net, possibly a filter or part of a drainage system, situated in a rocky area. The net is partially submerged in water. An orange net is visible on the right side. The background shows a concrete structure and a metal bridge.</p> <p>Suvanka Uttarpura 2024.07.02 15:52</p>
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