

41266

**EFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI
Original Application No. 200/2014**

IN THE MATTER OF;-

M. C. Mehta

... Applicant

VS

Union of India & Ors.

... Respondent(s)

INDEX

S.No	Particulars	Page No.
1.	Compliance Report of Directions Issued by Hon'ble NGT in the Order dated 13.09.2024 in the Mentioned Matter	1-68

Filed Through



Saurabh Jain
Advocate for Respondent
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Email- saurabhjain.law@gmail.com
Mob- 9899030099

Place – New Delhi
Date – 09-04-2025

41267

1

**OFFICE OF DEPUTY COMMISSIONER-CUM-DISTRICT MAGISTRATE,
BOKARO**

(Legal Section)

Letter No. - 479./Vidhi

From,

**Vijaya Jadhav (IAS),
Deputy Commissioner
-cum-Chairman,
DGC, Bokaro.**

To,

The Registrar,
Hon'ble National Green Tribunal,
Coperincus Marg, New Delhi.
Email:- judicial-ngt@gov.in

Bokaro, Dated - 22/03/2025

Subject: Submission of compliance report in light to the directions of Hon'ble National Green Tribunal in OA No. 200/2014 M.C. Mehta vs Union of India & Ors. passed on 13.09.2024.

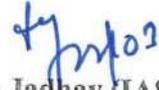
Ref. : Hon'ble NGT Order No. 200/2014 dated 13.09.2024

Sir,

In compliance with the order dated 13.09.2024 of the Hon'ble National Green Tribunal in OA No. 200/2014 (M.C Mehta vs Union of India & Ors.), the updated compliance report is hereby enclosed for information and necessary action.

Attachment enclosed.

Yours Faithfully,


**Vijaya Jadhav (IAS),
Deputy Commissioner
-cum-Chairman,
DGC, Bokaro.**

Memo No. - 479./Vidhi, Dated - 22/03/2025

Copy for information to :-

1. Mr. Saurabh Jain, Advocate, (saurabhjain.law@gmail.com) for filing and necessary action.
2. Project Director, State Mission for Clean Ganga, Urban Development and Housing Department, Govt. of Jharkhand.
3. The Secretary, Urban Development and Housing Department, Govt. of Jharkhand.


**Vijaya Jadhav (IAS),
Deputy Commissioner
-cum-Chairman,
DGC, Bokaro**

OFFICE OF DEPUTY COMMISSIONER-CUM-DISTRICT MAGISTRATE,
BOKARO

(Legal Section)

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Subject: Submission of compliance report in light to the directions of Hon'ble National Green Tribunal in OA No. 200/2014 M.C. Mehta vs Union of India & Ors. passed on 13.09.2024.

Ref. : Hon'ble NGT Order No. 200/2014 dated 13.09.2024

Sir,

In compliance with the order dated 13.09.2024 of the Hon'ble National Green Tribunal in OA No. 200/2014 (M.C Mehta vs Union of India & Ors.), the updated compliance report is hereby enclosed for information and necessary action.

Attachment enclosed.

Yours faithfully,


Vijaya Jadhav (IAS),
Deputy Commissioner
-cum-Chairman,
DGC, Bokaro.

Compliance Report of directions issued by Hon'ble NGT in the order dated 13.09.2024 in the matter of O.A. No. 200/2014 M.C. Mehta vs. Union of India & Ors :-

1. In compliance of the directions issued by Hon'ble Green Tribunal vide its order dated 13.09.2024 passed in O.A. No. 200/2014 M.C. Mehta Vs. Union of India & Ors. a complied report has to be filed by the district of Bokaro.
2. The tribunal considered the issue of prevention and control of pollution in river Ganga and the matter is being taken up State-wise and District-wise.
3. The matter was listed for consideration and compliance status in the **State of Jharkhand**.
4. The information provided by the district of Bokaro was not found complete in all respects. Hence the information has been furnished in the prescribed format below:

Bokaro district (including city and town) information on river Ganga and Tributaries

A. Sewage Management	
(i) Sewage generation	Chas Nagar Nigam: 12.44 MLD Phusro Nagar Parishad: 2 MLD Town and Administration SAIL: 31 MLD
(ii) Existing Sewage Treatment Capacities	Chas Nagar Nigam: None (DPR has been prepared and has been sent for approval to UD&HD, Jharkhand). Phusro Nagar Parishad: Under construction. Town and Administration SAIL: 31.972 MLD (Sec-XII-10.4 MLD, Sec VI- 5.85 MLD, Sec-XI-2.57 MLD, Dhandabara-11.4 MLD, BGH-1.17 MLD, Camp-2-0.582 MLD).
(iii) Quantity of Sewage being treated (utilization capacity)	Chas Nagar Nigam: N/A Phusro Nagar Parishad: N/A Town and Administration SAIL: 31 MLD
(iv) Performance of STPs particularly for FC	Chas Nagar Nigam: N/A Phusro Nagar Parishad: N/A Town and Administration SAIL: Treated sewage quality remains well within the norms.
(v) Reasons for underutilization of STPs (Connectivity of Households/ laying of sewer lines)	Chas Nagar Nigam: N/A Phusro Nagar Parishad: N/A Town and Administration SAIL: Lagoon based STPs being fully utilized.
(vi) Current Gap in sewage treatment	Chas Nagar Nigam: N/A Phusro Nagar Parishad: 100% Town and Administration SAIL: No Gap as such. The Lagoon based STPs are working properly. Treated sewage quality remains well within the norms.

(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	Chas Nagar Nigam: 0.089 MLD (work awarded) July 2025. Phusro Nagar Parishad: June, 2025 Town and Administration SAIL: Regular maintenance and monitoring is carried out for all the Six Lagoon based STPs.
(viii) Where treated sewage is being discharged (to Ganga or tributaries)	Chas Nagar Nigam: N/A Phusro Nagar Parishad: Tributary (planned for post completed construction of STP). Town and Administration SAIL: After treatment the treated sewage is discharged in Garga River.
(ix) Where untreated sewage is discharged (Drains joining Ganga/Tributaries)	Chas Nagar Nigam: Tributary (Garga) Phusro Nagar Parishad: Tributary (Damodar) Town and Administration SAIL: No untreated sewage is discharged.

Bokaro district (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	Chas Nagar Nigam: 16 Drains Phusro Nagar Parishad: Jodiya Nala, Bodi Nala and Ghutiyatand Nala. Town and Administration SAIL: N/A
(ii) Drains joining outside city and town limits but either joining in village or nearby town	Chas Nagar Nigam: None Phusro Nagar Parishad: - Town and Administration SAIL: N/A
(iii) Inclusion of sewage flowing in drains into total sewage generation figures and their interception and diversion to STPs	Chas Nagar Nigam: N/A Phusro Nagar Parishad: - Town and Administration SAIL: N/A
(iv) Preventive steps taken for not encroachment of drains	Chas Nagar Nigam: Anti encroachment drives, regular cleaning and monitoring. Phusro Nagar Parishad: Through public campaigns (Jansabha) and time to time action against defaulters. Town and Administration SAIL: N/A

Bokaro district (including city and towns) information on river Ganga tributaries

C. Septage management (septic tanks/soak pits)	
(i) Status of septage management with reference to FSTP/STP	Chas Nagar Nigam: Work awarded to agency SIMA Labs. Phusro Nagar Parishad: 04 MLD-Bermo Seem, 10 MLD- Dhori Khash. Town and Administration SAIL: SAIL Bokaro Steel Township has dedicated Lagoon Based STPs for treatment of sewage.

(ii) Management of Grey water	<p>Chas Nagar Nigam: Drain water harvesting at households.</p> <p>Phusro Nagar Parishad: Via sewage treatment plant.</p> <p>Town and Administration SAIL: SAIL Bokaro Steel Township has dedicated Lagoon Based STPs for treatment of sewage.</p>
(iii) Utilization of treated Grey water	<p>Chas Nagar Nigam: N/A</p> <p>Phusro Nagar Parishad: Discharge into Damodar River.</p> <p>Town and Administration SAIL: SAIL Bokaro Steel Township has dedicated Lagoon Based STPs for treatment of sewage.</p>
(iv) Utilization and disposal of sludge	<p>Chas Nagar Nigam: N/A</p> <p>Phusro Nagar Parishad: -</p> <p>Town and Administration SAIL: SAIL Bokaro Steel Township has dedicated Lagoon Based STPs for treatment of sewage.</p>
(v) Gap in sewage management and time plan	<p>Chas Nagar Nigam: N/A</p> <p>Phusro Nagar Parishad: Project completion delayed by 06 months due to unforeseen circumstances.</p> <p>Town and Administration SAIL: SAIL Bokaro Steel Township has dedicated Lagoon Based STPs for treatment of sewage.</p>

Bokaro district (including city and towns) information on river Ganga tributaries

D. Industrial Pollution Control	
No. of industries generating trade effluents, their place of disposal and compliance	<p>1. Bokaro Steel Plant: SAIL/Bokaro Steel Plant is designed with centralized recirculation system where all the industrial effluent is treated locally and recycled back into the process through Sludge compartments and Cooling ponds. Only storm water drain exists as Outfall-1 and Outfall-2 for which two Effluent Treatment Plant of capacity 1500 m³/Hr. each has been installed at Outfall-1 & Outfall-2.</p> <p>2. ESL Steels Ltd. (Vedanta): Effluent generated from process is being treated in the effluent treatment plant of 650m³/hour capacity. Treated water is used into the process, gardening and road sprinkling.</p> <p>3. CCL, B&K Arca Kargali: Mine sump water is being used for sprinkling on haul road via fixed type sprinklers in all the mines and 12 KI and 10 KI mobile tankers in all mines.</p> <p>4. CCL, Dhori Area: The Industrial Waste Water generated due to washing of HEMMs at the respective workshops are treated in Zero Discharge ETP (Effluent Treatment Plant) and</p>

	<p>hence no water is being discharged either directly into the river Damodar or its tributaries or in the drain connecting to it.</p> <p>5. DVC-CTPS: ETP has been installed at CTPS, and it is in running condition for treatment of waste water. After treatment of waste water (treated water) is reuse for cleaning of power plant floor, watering to the plants and make up of in Ash water at slurry sump.</p> <p>8. Dalmia Cement: Dalmia Cement (Bharat) Limited not generating any trade effluents from cement manufacturing process from our both units. DCBL Bokaro constructed STP in both units (DCBL Unit-1-100 KLD and BCMW (Unit of DCBL) Unit -2 -15 KLD) for the treatment of domestic waste water. All treated water is being used in green belt development and dust suppression. Zero waste water discharge maintained.</p> <p>9. HPCL: HPCL, POL Depot have Effluent treatment plant for treatment of waste water mixed with oil inside the plant. Effluent water is treated with 150KL/HR plant. Oily sludge is being disposed of through Jharkhand Pollution Control Board approved party as per PCB norms.</p> <p>10. BPSCL: BPSCL is a Captive Power Plant of Bokaro Steel Plant and is located inside the Bokaro Steel Plant, SAIL. BPSCL utilizes the effluent network of Bokaro Steel Plant. The effluent network of Bokaro Steel Plant is fitted with Zero Liquid Discharge system.</p>
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Bokaro district (including city and towns) information on river Ganga tributaries

E. District Wise (including city and towns) information on river Ganga tributaries	
(i) 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	As per the report provided by JSPCB, Regional Office, Dhanbad Jharkhand on the basis of sample collected from Damodar river (tributary of Ganga) location: Near Phusro Bridge the content of FC & FS is as follows: Fecal Coliform: 35 MPN/ 100 ml Fecal Streptococci: 12 MPN/100 ml
(ii) Notification of Flood Plain Zones	Not applicable to the district of Bokaro.

Bokaro district (including city and towns) information on river Ganga tributaries

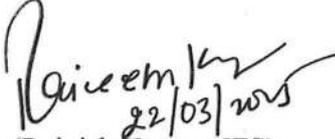
F. Issues relating to Environmental Flow	
(i)	As per the report furnished by the various concerned stakeholders of the district there is no such relevant data available on records related to the issues relating to environment flow of river Ganga and its tributaries in the district of Bokaro.

It is further mentioned that Bokaro district has immense regards towards the directions of Hon'ble Tribunal and also committed to ensure the compliance of orders of the Hon'ble Tribunal.

The above compliance report is being placed for consideration of the Hon'ble Tribunal.

BOKARO

DATED: -.....


22/03/2015
(Rajnish Kumar, IFS)
Divisional Forest Officer
-cum-Convenor
DGC, Bokaro


(Vijaya Jadhav, IAS)
Deputy Commissioner
-cum-Chairman
DGC, Bokaro

List of Annexure(s):

Sl. No.	Annexure No.	Details of Annexure:
1.	Annexure I	Report provided by Chas Nagar Nigam
2.	Annexure II	Report provided by Phusro Nagar Parishad
3.	Annexure III	Report provided by SAIL/BSL Bokaro
4.	Annexure IV	Report provided by ESL Steels Ltd. (Vedanta)
5.	Annexure V	Report provided by CCL, B&K Area, Kargali
6.	Annexure VI	Report provided by CCL, Dhorl
7.	Annexure VII	Report provided by DVC-CTPS
8.	Annexure VIII	Report provided by Dalmia Cement
9.	Annexure IX	Report provided by HPCL
10.	Annexure X	Report provided by BPSCL
11.	Annexure XI	Report provided by JSPCB, Regional Office, Dhanbad



कार्यालय, चास नगर निगम
चास (बोकारो)

E-mail.Id:- chasmunicipalcorporation@gmail.com.
Phone No-06542-265416



पत्रांक :- 756
दिनांक 18.03/2025

प्रेषक,

प्रशासक-सह-अपर नगर आयुक्त,
चास नगर निगम।

सेवा में,

उपायुक्त,
बोकारो।

विषय :-

Submission of Compliance Report as per NGT Order in OA No. 200/2014
Dated 13.09.2024

प्रसंग :-

भवदीय पत्रांक 414/Vidhi, दिनांक 11.03.2025

महाशय,

उपर्युक्त विषयक प्रासंगिक पत्र में अनुपालन में याचित एवं वांछित प्रतिवेदन विहित प्रपत्र में तैयार कर इस पत्र के साथ संलग्न कर आवश्यक कार्रवाई हेतु भेजी जा रही है।

सादर सूचनार्थ समर्पित।

अनु०:- यथोपरि

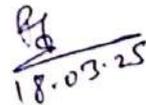
विश्वासभाजन



प्रशासक

-सह-

अपर नगर आयुक्त,
चास नगर निगम।


18.03.25

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

A. Sewage Management								
(i) Sewage generation	(ii) Existing Sewage Treatment Capacity	(iii) Quantity of sewage being treated (utilization capacity)	(iv) Performance of STPs particularly for FC	(v) Reasons for underutilization 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)
12.44 MLD	None (DPR has been prepared and sent for approval to the UD&HD, Jharkhand)	NA	NA	NA	NA	0.089 MLD STP (work awarded) July 2025	NA	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 for not encroachment of drains
16	None	NA	1. Anti encroachment Drives. 2. Regular cleaning and monitoring

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
Work awarded to agency SIMA Labs	Drain Water Harvesting at households	NA	NA	NA

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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
None

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
People generally bathes No water quality test done	

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

F. Issues relating to Environmental Flow

BA

OFFICE OF THE EXECUTIVE OFFICER
NAGAR PARISHAD PHUSRO(BOKARO)

Letter no.....262...../NPP Dated...19/03/25...../

From,
Executive Officer,
Phusro Nagar Parishad (Bokaro)

To,
Deputy Commissioner,
Bokaro.

Sub- Submission of Compliance Report as per NGT Order in OA No. 200/2014 Dated –
13.09.2024.

Ref- Your Letter No.414/Vidhi Bokaro,Dated-11.03.2025

Sir,

In compliance with the above mentioned referenced letter, the sought information is being sent for necessary action.

Enclosure –As Above.

Your Sincerely


19/03/25
Executive Officer,
Phusro Nagar Parishad.

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 underutilization 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)
02 MLD	Under Construction	NA	NA	-	100%	June-2025	Tributaries (Planned for Post Completed Construction of the STP)	Tributaries (Damoder)

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
Jodiya Nal Bodi Nala Ghutyatand Nala	-	-	Through Public Campaign (Jansabha) and Time to time notice/action against defaulter

District Wise (including city and towns) information on river Ganga 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
04 MLD- Bermo Seem 10MLD Dhorl Khash	Sewerage treatment Plant	Discharge into Damoder River	-	Project Completion delayed by 06 Moths due to unforeseen circumstances.

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District Wise (including city and towns) information on river Ganga tributaries

D. Industrial Pollution Control	
No. of industries generating trade effluents, their place of disposal and compliance – N.A (Phusro)	
E. District Wise (including city and towns) information on river Ganga 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
Fit for bathing, FC- NIL	Yes (DVC & Jharkhand Govt.)

District Wise (including city and towns) information on river Ganga tributaries

F. Issues relating to Environmental Flow –
-


 19/03/25
 Executive Officer,
 Phusro Nagar Parishad.



स्टीलअथॉरिटीऑफइंडियालिमिटेड
STEEL AUTHORITY OF INDIA LIMITED
बेकारोइस्पातसंयंत्र
BOKARO STEEL PLANT
इस्पात भवन, बोकारो स्टील सिटी
ISPAT BHAWAN, BOKARO STEEL CITY
झारखण्ड- 827001
JHARKHAND- 827001

Ref: CGM(TA)/2025/801

Date:24.03.2025

To
The Deputy Commissioner
Bokaro

Sub: Submission of compliance report as per NGT order in OA No. 200/2014, dated 13.09.2024

Ref: Your letter no. 414 / Vidhi, dated 11.03.2025

Respected Ma'am

With reference to above letter the compliance of point no. 4 (i) is as follows:

1. Disposal methodology of treated sewage :-

After treatment from Lagoon based STPs of Bokaro Steel Township, the treated sewage is discharged to the Garga River.

2. Quality of Treated sewage from six Lagoon based STPs of Bokaro Steel Township :-

Treated sewage quality remains well within the norms. Copy of report from NABL accredited & MoEFCC recognized Lab attached as Annexure-1 to 6.

Yours faithfully
For SAIL, Bokaro Steel Plant


24/03/2025

(Kundan Kumar)
Chief General Manager (Town Services)

Lab Operates at : Survey No. 93/A, Conformity Hissa No. 2, G V Brothers Bldg., Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601, Maharashtra, India.
Tel: 022-45119250, 022-45119239 / ☎ +91-7039076680 Email: lab@ultratech.in

TEST REPORT

ISSUED TO: M/s. BOKARO STEEL PLANT/SAIL
Bokaro Steel City-827001, Jharkhand, INDIA

ULR NO.: --
REPORT NO.: UT/ELS/REPORT/ 8461 /10 -2024
ISSUE DATE: 08/10/2024
YOUR REF.: 4565049629
REF. DATE: 18/10/2023

SAMPLE PARTICULARS

Sampling Plan Ref. No.: 27-09/2024
Sampling Procedure: UT/LQMS/SOP/W01A
Date & Time of Sampling: 30/09/2024 10:10 Hrs.
Sample Registration Date: 02/10/2024
Analysis Starting Date: 02/10/2024
Analysis Completion Date: 07/10/2024
Sample Lab Code: UT/ELS/0028/10-2024
Sample Collected By: ULTRA TECH ENVIRONMENTAL CONSULTANCY AND LABORATORY PVT. LTD.

WASTE WATER SAMPLE ANALYSIS

Sample Type: Treated Sewage Waste Water
Sample Location: Lagoon Based STP- CAMP 02
Sample Quantity & Packaging Details: 2L in Polyethylene Container.
1L in Wide Mouth Glass Bottle for Oil & Grease.
100 ml in Sterilized Corning Bottle for Bacteriological Parameters.

Sr. No.	Test Parameter	Test Method	Test Result	Unit	Standard Limits
1	pH @ 25° C	IS 3025 (Part 11) : 2022	7.3	-	NA
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	14	mg/L	NA
3	Oil & Grease	IS 3025 (Part 39); Clause 5.0 : 2021	BDL[DL=2]	mg/l.	NA
4	Biochemical Oxygen Demand (27°C, 3Days)	IS 3025 (Part 44) : 2023	9.6	mg/L	NA
5	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	40	mg/L	NA
6	Ammonia as NH ₃ -N	IS 3025 (Part 34/Sec 1), Clause 5.3 : 2023	1.1	mg/L	NA
7	Cyanide as CN	APHA 24th Ed. 4500- CN- C,E : 2023	BDL[DL=0.02]	mg/L	NA
8	Phenols	APHA 24th Ed. 5530 D : 2023	BDL[DL=1]	mg/L	NA
9	Fecal Coliform (F. coli)	IS 1622 : 1981	110	MPN/100ml	NA

BDL: Below Detection Limit DL: Detection Limit NA: Not Applicable

Remark/ Statement of Conformity: Nil

- Note:
- This test report refers only to the sample tested.
 - This test report may not be reproduced in part, without the permission of this laboratory.
 - Any correction invalidates this test report.
 - Sample was collected using laboratory's SOP (UT/LQMS/SOP/W01A) based on CPCB's Guide Manual: Water & Wastewater Analysis, APHA 24th Edition and IS3025 (Part 1).

Analyzed By:
Pranali Kamble, Kavita Baviskar,
Namira

Reviewed By:
Jayashree
Jayashree Acharya
(Quality Manager)



Authorized By:
M Namjoshi
Manasi Namjoshi
(Technical Manager)
Authorized Signatory

- END OF TEST REPORT -

ULTRA TECH ENVIRONMENTAL CONSULTANCY AND LABORATORY PVT. LTD

(A venture of ULTRA TECH Environmental Consultancy)

ISO 9001:2015 & ISO 45001:2018 Certified

Lab Operates at : Survey No. 93/A, Conformity Hissa No. 2, G V Brothers Bldg., Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601, Maharashtra, India.
Tel: 022-45119250, 022-45119239 / © +91-7039076680 Email: lab@ultratech.in

TEST REPORT

ISSUED TO: M/s. BOKARO STEEL PLANT/SAIL. Bokaro Steel City-827001, Jharkhand, INDIA.	ULR NO. : --
	REPORT NO. : UT/ELS/REPORT/ 8462 / 10 - 2024
	ISSUE DATE : 08/10/2024
	YOUR REF. : 4565049629
	REF. DATE : 18/10/2023

SAMPLE PARTICULARS :	WASTE WATER SAMPLE ANALYSIS
Sampling Plan Ref. No. : 27-09/2024	Sample Type : Treated Sewage Waste Water
Sampling Procedure : UT/LQMS/SOP/W01A	Sample Location : Lagoon Based STP-B.G.II
Date & Time of Sampling : 30/09/2024 10:40 Hrs.	Sample Quantity & : 2L in Polyethylene Container.
Sample Registration Date : 02/10/2024	Packaging Details : 1L in Wide Mouth Glass Bottle for Oil & Grease.
Analysis Starting Date : 02/10/2024	100 ml in Sterilized Corning Bottle for Bacteriological Parameters.
Analysis Completion Date : 07/10/2024	
Sample Lab Code : UT/ELS/0029/10-2024	
Sample Collected By : ULTRA TECH ENVIRONMENTAL CONSULTANCY AND LABORATORY PVT. LTD.	

Sr. No.	Test Parameter	Test Method	Test Result	Unit	Standard Limits
1	pH @ 25° C	IS 3025 (Part 11) : 2022	7.3	-	NA
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	9	mg/L	NA
3	Oil & Grease	IS 3025 (Part 39); Clause 5.0 : 2021	BDL[DL=2]	mg/L	NA
4	Biochemical Oxygen Demand (27°C, 3Days)	IS 3025 (Part 44) : 2023	2.7	mg/L	NA
5	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	10	mg/L	NA
6	Ammonia as NH ₃ -N	IS 3025 (Part 34/Sec 1), Clause 5.3 : 2023	1.2	mg/L	NA
7	Cyanide as CN ⁻	APHA 24th Ed. 4500- CN- C.E : 2023	BDL[DL=0.02]	mg/L	NA
8	Phenols	APHA 24th Ed. 5530 D : 2023	BDL[DL=1]	mg/L	NA
9	Fecal Coliform (<i>F. coli</i>)	IS 1622 : 1981	60	MPN/100ml	NA

BDL: Below Detection Limit DL: Detection Limit NA: Not Applicable

Remark/ Statement of Conformity: Nil

- Note: 1. This test report refers only to the sample tested.
2. This test report may not be reproduced in part, without the permission of this laboratory.
3. Any correction invalidates this test report.
4. Sample was collected using laboratory's SOP (UT/LQMS/SOP/W01A) based on CPCB's Guide Manual: Water & Wastewater Analysis, APHA 24th Edition and IS3025 (Part 1).

Analyzed By:
Pranali Kamble, Kavita Baviskar,
Namira

Reviewed By:

Jayashree Acharya
(Quality Manager)



Authorized By:

Manasi Namjoshi
(Technical Manager)
Authorized Signatory

- END OF TEST REPORT -

Details from SAIL/Bokaro Steel Township

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 underutilization 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)
31 MLD	31.972 MLD (Sec-XII-10.4 MLD, Sec VI-5.85 MLD, Sec-XI-2.57 MLD, Dhanda bara-11.4 MLD, BGH-1.17 MLD, Camp-2-0.582 MLD) CPCB STP Invention list of STPs attached as Annexure 7	31 MLD	Treated sewage quality remains well within the norms (copy of report from NABL accredited & MoEFCC recognized Lab with FC data attached as Annexure -1 to 6.	Lagoon based STPs being fully utilized.	No Gap as such. The Lagoon based STPs are working properly .Treated sewage quality remains well within the norms. Copy of report attached as Annexure-1 to 6.	Regular maintenance and monitoring is carried out for all the Six Lagoon based STPs	After treatment the treated sewage is discharged in Garga River.	No untreated sewage is discharged.

Details from SAIL/Bokaro Steel Township

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 underutilization 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/Tributari es)
31 MLD	31.972 MLD (Sec- XII-10.4 MLD, Sec VI- 5.85 MLD, Sec-XI- 2.57 MLD, Dhandab ara-11.4 MLD, BGH- 1.17 MLD, Camp-2- 0.582 MLD) CPCB STP Inventor ization list of STPs attached as Annexu re 7	31 MLD	Treated sewage quality remains well within the norms (copy of report from NABL accredited & MoEFCC recognized Lab with FC data attached as Annexure -1 to 6.	Lagoon based STPs being fully utilized.	No Gap as such. The Lagoon based STPs are working properly .Treated sewage quality remains well within the norms. Copy of report attached as Annexu re-1 to 6.	Regular maintenanc e and monitoring is carried out for all the Six Lagoon based STPs	After treatmen t the treated sewage is discharg ed in Garga River.	No untreated sewage is discharged.

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 towns) information on river Ganga 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
SAIL Bokaro Steel Township has dedicated Lagoon Based STPs for treatment of sewage.				

District Wise (including city and towns) information on river Ganga tributaries

D. Industrial Pollution Control	
No. of industries generating trade effluents, their place of disposal and compliance	
SAIL/Bokaro Steel Plant is designed with centralized recirculation system where all the industrial effluent are treated locally and recycled back into the process through Sludge compartments and Cooling ponds. Only storm water drain exists as Outfall-1 and Outfall-2 for which two Effluent Treatment Plant of capacity 1500 m ³ /Hr. each has been installed at Outfall-1 & Outfall-2. Detailed analysis report of the treated water from NABL accredited & MoEFCC recognized Lab attached as Annexure 8 & 9.	
E. District Wise (including city and towns) information on river Ganga 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

District Wise (including city and towns) information on river Ganga tributaries

F. Issues relating to Environmental Flow



CONTROL OF URBAN POLLUTION
SERIES: CUPS/ / 2015

INVENTORIZAZION OF SEWAGE
TREATMENT PLANTS



MARCH, 2015

CENTRAL POLLUTION CONTROL BOARD
(Ministry of Environment and Forests, Govt. of India)
Parivesh Bhawan, East Arjun Nagar,
Delhi - 110032

[INVENTORIZACION OF SEWAGE TREATMENT PLANTS]

Sl. No	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/ Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
19		B.D.Cantt Srinagar	Under Army	do	5	ASP	

4.15 STPs AT JHARKHAND

Jharkhand has 15 numbers of sewage treatment plants having treatment capacity of 117.24 MLD. Details of STPs of Jharkhand are shown in Table 16.

Table 16: STPs-Jharkhand

Sl.No.	City/town	STP Location	STP Commissioned in (Year)	Status (Operational/ Non-Operational/ Under Construction)	STP Installed Capacity MLD	Technology (UASB / ASP / OP / SBR / MBR/ FAB Etc.)	Consent Status
1.	Bokaro	IEL Gomia Township	50 years ago	Operational	1.6	SAS	No
2.		BSL Township(a) Sector 12	Not Known	Operational	10.4	Lagoon	Information not provided
3.		(b) Sector 6	Not Known	Operational	5.85	Lagoon	
4.		(c) Sector 11	Not Known	Operational	2.57	Lagoon	
5.		(d) Dhandabara	Not Known	Operational	11.4	Lagoon	
6.		(e) Camp II	Not Known	Operational	0.582	Lagoon	
7.		(f) BGH	Not Known	Operational	1.17	Lagoon	
8.	Jmshedpur	STP Kharkai	1952	Operational	16	ASP	31/12/2014
9.		STP Bara	1994	Operational	45	ASP	31/12/2014
10.		Baridih STP Unit-I	1952	Operational	4.5	OP	Up to 2013
11.		Baridih STP Unit-II	1964	Operational	7.65	OP	Up to 31/12/2013
12.	UCIL Jadugora, ES	Jadugoda STP	1995	Operational	4.086	ASP	Up to 31/12/2012
13.		NarwaPahar STP	1995	Operational	2	ASP	Up to 31/12/2012
14.	HCL Moubhandar	Moubhandar	1985	Operational	0.8	Classified	Up to 31/12/2007
15.		Moubhandar		Operational	3.636	Filtration	Up to 31/12/2007

ULTRA TECH ENVIRONMENTAL CONSULTANCY AND LABORATORY PVT. LTD

(A venture of ULTRA TECH Environmental Consultancy)

Lab. Accredited by NABL-ISO/IEC 17025:2017,TC-14909 (Valid up to 17/11/2028)
ISO 9001:2015 & ISO 45001:2018 Certified

Lab Operates at : Survey No. 93/A, Conformity Hissa No. 2, G V Brothers Bldg., Bata Compound, Khopat, Near Flower Valley, Thane (West) - 400 601, Maharashtra, India.
Tel: 022-45119250, 022-45119239 / +91-7039076680 Email: lab@ultratech.in

TEST REPORT

ISSUED TO: M/s. BOKARO STEEL PLANT/SAIL Bokaro Steel City-827001, Jharkhand, INDIA.	ULR NO. : ULR-TC14909 25 000001446F REPORT NO. : UT/ELS/REPORT/ 2079 /03 -2025 ISSUE DATE : 04/03/2025 YOUR REF. : 4565049629 REF. DATE : 18/10/2023
---	---

SAMPLE PARTICULARS :	WASTE WATER SAMPLE ANALYSIS
Sampling Plan Ref. No.: 27-01/2025	Sample Type : Treated Effluent Waste Water
Sampling Procedure : UT/LQMS/SOP/W01A	Sample Location : OUTFALL -01
Date & Time of Sampling : 28/01/2025 13:00 Hrs.	
Sample Registration Date : 30/01/2025	
Analysis Starting Date : 30/01/2025	Sample Quantity & : 2L in Polyethylene Container.
Analysis Completion Date : 04/02/2025	Packaging Details : 1L in Wide Mouth Glass Bottle for Oil & Grease.
Sample Lab Code : UT/ELS/0881/01-2025	
Sample Collected By : ULTRA TECH ENVIRONMENTAL CONSULTANCY AND LABORATORY PVT. LTD.	

Sr. No.	Test Parameter	Test Method	Test Result	Unit	Standard Limits (SPCB Consent)†
1	pH @ 25° C	IS 3025 (Part 11) : 2022	8.0	-	-
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	9	mg/L	100
3	Oil & Grease	IS 3025 (Part 39); Clause 5.0 : 2021	BDL[DL=2]	mg/L	10
4	Biochemical Oxygen Demand (27°C, 3Days)	IS 3025 (Part 44) : 2023	6.0	mg/L	30
5	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	25	mg/L	250
6	Ammonia as NH ₃ -N	IS 3025 (Part 34/Sec 1), Clause 5.3 : 2023	8.7	mg/L	-
7	Cyanide as CN ⁻	APHA 24th Ed. 4500- CN- C,E : 2023	BDL[DL=0.02]	mg/L	-
8	Phenols	APHA 24th Ed. 5530 D : 2023	BDL[DL=1]	mg/L	-

BDL: Below Detection Limit

DL: Detection Limit

Remark/ Statement of Conformity: The parameters tested above are found to be within standard limit/range specified in SPCB consent no. JSPCB/HO/RNC/CTO-20101572/2024/2052 Dated 30.12.2024. For parameters pH, Ammonia, Cyanide & Phenol standard limit/range is not specified in referred SPCB consent, hence statement of conformity can't be given.

- Note:**
1. This test report refers only to the sample tested.
 2. This test report may not be reproduced in part, without the permission of this laboratory.
 3. Any correction invalidates this test report.
 4. Sample was collected using laboratory's SOP (UT/LQMS/SOP/W01A) based on CPCB's Guide Manual: Water & Wastewater Analysis, APHA 24th Edition and IS3025 (Part 1).
 5. †SPCB Consent Ref. No.: JSPCB/HO/RNC/CTO-20101572/2024/2052 Dated 30.12.2024



Authorized By:

Jayashree
Jayashree Acharya
Authorized Signatory

- END OF TEST REPORT -

Regd.: Unit No. 225, Jai Commercial Complex, Eastern Express Highway, Opp. Cadbury Factory, Khopat, Thane (W) 400 601, Maharashtra, India.

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Kolkata: +033-40089145 / +91- 3335 746 566- kolkata@ultratech.in, Gujarat: +91-9558117469 - gujarat@ultratech.in

GST: 27AADCU4659H1Z0

CIN NO: U74900MH2023PTC415102

UT - 005864

ULTRA TECH ENVIRONMENTAL CONSULTANCY AND LABORATORY PVT. LTD

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Tel: 022-45119250, 022-45119239 / +91-7039076680 Email: lab@ultratech.in

TEST REPORT

ISSUED TO: M/s. BOKARO STEEL PLANT/SAIL Bokaro Steel City-827001, Jharkhand, INDIA.	ULR NO. : ULR-TC14909 25 000001447F REPORT NO. : UT/ELS/REPORT/ 2080 /03 -2025 ISSUE DATE : 04/03/2025 YOUR REF. : 4565049629 REF. DATE : 18/10/2023
---	---

SAMPLE PARTICULARS Sampling Plan Ref. No.: 27-01/2025 Sampling Procedure : UT/LQMS/SOP/W01A Date & Time of Sampling : 28/01/2025 13:45 Hrs. Sample Registration Date : 30/01/2025 Analysis Starting Date : 30/01/2025 Analysis Completion Date : 04/02/2025 Sample Lab Code : UT/ELS/0882/01-2025 Sample Collected By : ULTRA TECH ENVIRONMENTAL CONSULTANCY AND LABORATORY PVT. LTD.	WASTE WATER SAMPLE ANALYSIS Sample Type : Treated Effluent Waste Water Sample Location : OUTFALL -02 Sample Quantity & : 2L in Polyethylene Container. Packaging Details : 1L in Wide Mouth Glass Bottle for Oil & Grease.
--	---

Sr. No.	Test Parameter	Test Method	Test Result	Unit	Standard Limits (SPCB Consent)†
1	pH @ 25° C	IS 3025 (Part 11) : 2022	7.8	-	-
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	9	mg/L	100
3	Oil & Grease	IS 3025 (Part 39); Clause 5.0 : 2021	BDL[DL=2]	mg/L	10
4	Biochemical Oxygen Demand (27°C, 3Days)	IS 3025 (Part 44) : 2023	2.5	mg/L	30
5	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	10	mg/L	250
6	Ammonia as NH ₃ -N	IS 3025 (Part 34/Sec 1), Clause 5.3 : 2023	0.6	mg/L	-
7	Cyanide as CN	APHA 24th Ed. 4500- CN- C,E : 2023	BDL[DL=0.02]	mg/L	-
8	Phenols	APHA 24th Ed. 5530 D : 2023	BDL[DL=1]	mg/L	-

BDL: Below Detection Limit **DL: Detection Limit**

Remark/ Statement of Conformity: *The parameters tested above are found to be within standard limit/range specified in SPCB consent no. JSPCB/HO/RNC/CTO-20101572/2024/2052 Dated 30.12.2024. For parameters pH, Ammonia, Cyanide & Phenol standard limit/range is not specified in referred SPCB consent, hence statement of conformity can't be given.*

- Note:**
1. This test report refers only to the sample tested.
 2. This test report may not be reproduced in part, without the permission of this laboratory.
 3. Any correction invalidates this test report.
 4. Sample was collected using laboratory's SOP (UT/LQMS/SOP/W01A) based on CPCB's Guide Manual: Water & Wastewater Analysis, APHA 24th Edition and IS3025 (Part 1).
 5. †SPCB Consent Ref. No.: JSPCB/HO/RNC/CTO-20101572/2024/2052 Dated 30.12.2024

- END OF TEST REPORT -



Authorized By:
Jayashree
Jayashree Acharya
Authorized Signatory



Date: 18 March 2025

To,
Deputy Commissioner,
Bokaro.

Subject: Submission of Compliance Report as per NGT Order in OA No. 200/2014 Dated 13.09.2024.

Reference: Your letter no 414/Vidhi Dated 11.03.2025 received via mail on 12.03.2025.

Respected Ma'am,

In reference to your letter No. 419/Vidhi dated 11.03.2025, regarding the submission of the compliance report as per the National Green Tribunal (NGT) Order in OA No. 200/2014 dated 13.09.2024, we hereby submit our compliance report enclosed here as Annexure-I.

Also, we have attached the report on necessary environmental initiatives, waste management initiatives and pollution mitigation measures as Annexure- II.

We look forward to your positive response and remain committed to ensuring compliance with all environmental regulations.

Thanking you.

Yours Faithfully,

Tapesh Chandra Naskar.
Factory Manager cum CHSEO.

Encloser:

1. Annexure I Data format as per NGT Format.
2. Annexure II Environmental Initiatives.

W www.eslsteel.com
T +08651-102477

Registered Office: Siyaljori, P.O. Jogdih, O.P. Bangaria, P.S. Chandankyari, Bokaro, Pin - 828303
Jharkhand, India CIN: U27310JH2006PLC012663

Corporate Office: Lohanchal Colony, Plot No. 10, Beside Sector 12, Bokaro Steel City - 827012
Jharkhand, India

Annexure- I Data format as per NGT

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 Underutilization 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)
224 KLD	575 KLD	222 KLD	95% & above removal efficiency	Considered according to upcoming enhanced capacity.	No Gap	NA	NA	NA

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
No	No	NA	NA

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
All the Septic tanks outlet are connected to STPs for treatment of Sewage.	Washroom --> septic tank --> STP --> Recycle --> storage in Clear water tank	Clear water tank --> distribution (Gardening & Road sprinkling)	Generation of sludge --> deposition/sludge chamber --> Used as manure for plantation.	

Sensitivity: Confidential (C2)

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

D. Industrial Pollution Control
Effluent generated from process is being treated in the effluent treatment plant (ETP) of 650 m ³ /hour capacity. Treated water is used into the process, gardening & road sprinkling.

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
NA	NA

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

F. Issues relating to Environmental Flow
No



Signature



Annexure II - Environment Related Initiatives

- ESP, Cyclone separator & Bag filters are installed for control of Air pollution at various location of plant.
- 60 nos. of Rain guns installed at Raw Material Storage Yard for suppression of dust.
- 3 nos. of Dry Fog System in all feeding points and 3 nos. of Mist Cannon are installed to control fugitive emission.
- All the conveyor system has been covered.
- Fixed Sprinklers in raw material handling area & along roadside to control dust emission due to vehicle movement.
- Regular sprinkling of ETP treated water through water tanks to arrest fugitive emissions.
- 2 nos. Mechanical sweeper has been engaged for road cleaning.
- Online monitoring system installed for continuous monitoring PM level of chimney & it is connected to JSPCB & CPCB servers.
- Monthly testing & monitoring of various samples related to environmental parameter through NABL accredited laboratory.
- 5 nos. of STP having capacity of 575 KLD installed for treatment of sewage generated within plant.
- Construction of waste bins for effective waste segregation & collection.
- Hazardous waste is disposed through authorised vendor approved by JSPCB/CPCB.



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Registered Office: Siyaljori, P.O. Jogidih, O.P. Bangaria, P.S. Chandankyari, Bokaro, Pin - 828303
Jharkhand, India CIN: U27310JH2006PLC012663

Corporate Office: Lohanchal Colony, Plot No. 10, Beside Sector 12, Bokaro Steel City - 827012
Jharkhand, India



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CENTRAL COALFIELDS LTD.

41306

ANNEXURE V 40

सन्ट्रल कोलफील्ड्स लिमिटेड

(भारत सरकार का एक उपक्रम / नेशनल इन्फ्रस्ट्रक्चर डेवेलपमेंट कोर्पोरेशन की एक सहायकी कंपनी)

पंजीकृत कार्यालय : दरभंगा हाउस, रॉड नं० 834 (आर.ए.ए.)

CIN : U10200JH1956G0100059-1

Office of the General Manager, B&K Area, C.C.L.
P.O. Bermo, Dist. Bokaro-829104

Ref. No. *Gm(B&K)/Secy./Env./2025/238*

Dated-20/03/2025

To,
Deputy Commissioner,
Bokaro

Sub: Submission of Compliance Report as per NGT Order in OA No. 200/2014 dated-13.09.2024

Respected Madam,

As it was informed via telephonic conversation to submit Effluent generation point and their disposal compliance as per format given below for each mine in B&K Area, C.C.L.

The list of the active mines in B&K Area and effluent disposal compliance are mentioned as under :-

Sl. No	Name of Mines	Name of Area	Effluent generation point	Disposal & Compliance
1.	Karo OCP	B&K Area	Workshop	1. Oil & Grease Trap is being used with zero discharge system and oil is skimmed out in a drum and that oil is stored in Jarandih Store for auction. 2. Further mine sump water is being used for sprinkling on haul road via fixed type sprinklers in all mines and 12KL, 10 KL mobile tankers in all mines.
2.	Konar OCP	B&K Area	Workshop	
3.	Bokaro OCP	B&K Area	Workshop	

This is for your kind information and needful action.

Yours Faithfully

Lumar
20/3/25

General Manager
B&K Area C.C.L.

Vinay Kumar
20/3/25



OFFICE OF THE GENERAL MANAGER, DHORI AREA
POST- PHUSRO, DISTT. -BOKARO, PIN -825102

Ref. No.: GM(D)/Env/Compliance/District Ganga Committee/Bokaro/2024-25/ 1727

Date: 19.03.2025

To,

ANNEXURE-VI

The Deputy Commissioner
Bokaro.

Subject: Submission of the relevant information in respect of the NGT Order Original Application No. 200/2014 dated 13.09.2024.

Reference:

1. NGT Order Original Application No. 200/2014 dated 13.09.2024.
2. Letter from your good office vide no.- 414/Vidhi dated 11/03/2025.

Dear Sir,

With respect to the aforementioned Subject matter and directions issued by the National Green Tribunal (NGT) in OA No. 200/2014 dated 13.09.2024, please find attached (Annexure-A) herewith the relevant information as required above.

This is submitted for your kind perusal & further needful. You are kindly requested to acknowledge the same. We will be highly grateful to you.

Enclosure: Annexure-A

Yours Sincerely

[Signature]
20/3/25
General Manager
Dhori Area, CCL

[Signature]
19/03/25

Copy To:

1. The Divisional Forest Officer ,Bokaro Forest Division, Bokaro, Jharkhand (via email)
2. The Regional Officer, Jharkhand State Pollution Control Board, Dhanbad, Jharkhand (via email)
3. The District Mining Officer, Bokaro, Jharkhand(via email)

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 underutilization 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)																
<p>Dhori Area has 3 coal producing mines namely Selected Dhori Opencast Project, Amlu Opencast Project & Dhori (Khas) Underground Project. The colonies associated with these mines are scattered and have individual in house septic tank/soak pit system. So, there is no discharge of sewage in the drain connecting to river Damodar. Moreover, the solid waste generated are being taken care by the Phusro Nagar Parishad as our colony falls under the ambit of the Municipal Council of Phusro, Bermo, Bokaro. However, owing our proactive responsibility towards environment, we periodically analyse water quality, its PH, BOD, COD, TSS, TDS, Heavy Metals, Nitrates, etc in core as well as buffer zone and they are found to be well within the limits. Copy of 2nd quarter (Q2 i.e. July-2024 to September-2024) is attached herewith for kind perusal & further needful.</p> <p>Note: As deliberated above our colonies associated with the mines are scattered & having individual in house septic tank/soak pit system. So, there is no discharge of sewage either directly into the river Damodar or its tributaries or in the drain connecting to it. But as a measure of additional compliance of stipulated EC conditions, we have proposed 3 Nos. of STP in the Dhori Area, details of which are as follows:</p> <table border="1"> <thead> <tr> <th>Sl.</th> <th>Location</th> <th>Status</th> <th>Timeline</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Central Colony/Shimla Colony: 1000 KLD</td> <td>To be commissioned</td> <td>31st March 2026</td> </tr> <tr> <td>2</td> <td>SDOCM Colony/Karipani Colony: 50 KLD</td> <td>To be commissioned</td> <td>31st march 2026</td> </tr> <tr> <td>3</td> <td>Central Hospital Dhori (20 KLD)</td> <td>To be commissioned</td> <td>31st march 2026</td> </tr> </tbody> </table>									Sl.	Location	Status	Timeline	1	Central Colony/Shimla Colony: 1000 KLD	To be commissioned	31 st March 2026	2	SDOCM Colony/Karipani Colony: 50 KLD	To be commissioned	31 st march 2026	3	Central Hospital Dhori (20 KLD)	To be commissioned	31 st march 2026
Sl.	Location	Status	Timeline																					
1	Central Colony/Shimla Colony: 1000 KLD	To be commissioned	31 st March 2026																					
2	SDOCM Colony/Karipani Colony: 50 KLD	To be commissioned	31 st march 2026																					
3	Central Hospital Dhori (20 KLD)	To be commissioned	31 st march 2026																					

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
<p>Dhori Area has 3 coal producing mines namely Selected Dhori Opencast Project, Amlu Opencast Project & Dhori (Khas) Underground Project. The Industrial Waste Water generated due to washing of HEMMs at the respective workshops are treated in Zero Discharge ETP (Effluent Treatment Plant) and hence no water is being discharged either directly into the river Damodar or its tributaries or in the drain connecting to it. However, owing our proactive responsibility towards environment, we periodically analyse Effluent Water quality, its PH, BOD, COD, TSS, TDS, Heavy Metals, Nitrates, etc. and they are found well within the limits. Copy of 2nd quarter (Q2 i.e. July-2024 to September-2024) is attached herewith for kind perusal & further needful.</p>			

District Wise (including city and towns) information on river Ganga 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
--	----------------------------------	--	--	---

Dhori Area has 3 coal producing mines namely Selected Dhori Opencast Project, Amlo Opencast Project & Dhori (Khas) Underground Project. The colonies associated with these mines are scattered and have individual in house septic tank/soak pit system. So, there is no discharge of sewage in the drain connecting to river Damodar. Moreover, the solid waste generated are being taken care by the Phusro Nagar Parishad as our colony falls under the ambit of the Municipal Council of Phusro, Bermo, Bokaro. However, owing our proactive responsibility towards environment, we periodically analyse water quality, its PH, BOD, COD, TSS, TDS, Heavy Metals, Nitrates, etc in core as well as buffer zone and they are found to be well within the limits. Copy of 2nd quarter (Q2 i.e. July-2024 to September-2024) is attached herewith for kind perusal & further needful.

Note: As deliberated above our colonies associated with the mines are scattered & having individual in house septic tank/soak pit system. So, there is no discharge of sewage either directly into the river Damodar or its tributaries or in the drain connecting to it. But as a measure of additional compliance of stipulated EC conditions, we have proposed 3 Nos. of STP in the Dhori Area, details of which are as follows:

Sl.	Location	Status	Timeline
1	Central Colony/Shimla Colony: 1000 KLD	To be commissioned	31 st March 2026
2	SDOCM Colony/Karipani Colony: 50 KLD	To be commissioned	31 st march 2026
3	Central Hospital Dhori (20 KLD)	To be commissioned	31 st march 2026

District Wise (including city and towns) information on river Ganga tributaries

D. Industrial Pollution Control

No. of industries generating trade effluents, their place of disposal and compliance

Dhori Area has 3 coal producing mines namely Selected Dhori Opencast Project, Amlo Opencast Project & Dhori (Khas) Underground Project. **The Industrial Waste Water generated due to washing of HEMMs at the respective workshops are treated in Zero Discharge ETP (Effluent Treatment Plant) and hence no water is being discharged either directly into the river Damodar or its tributaries or in the drain connecting to it.** However, owing our proactive responsibility towards environment, we periodically analyse Effluent Water quality, its PH, BOD, COD, TSS, TDS, Heavy Metals, Nitrates, etc. and they are found well within the limits. Copy of 2nd quarter (Q2 i.e. July-2024 to September-2024) is attached herewith for kind perusal & further needful.

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

Periodic Monitoring of Water Quality by CMPDIL is being done in the river Damodar (upstream & downstream), tributary of the river Ganga with respect to the local seasonal nallas namely Joria Nalla & Tisri Nalla. The parameters indicating Water Quality are found well within the limits. Copy of latest quarter (Q3 i.e. October-2024 to December-2024) is attached herewith for kind perusal & further needful.

Notification of Flood Plain Zones

NA

District Wise (including city and towns) information on river Ganga tributaries**F. Issues relating to Environmental Flow**

NA



दामोदर घाटीनिगम / Damodar Valley Corporation
चंद्रपुरा ताप विद्युत केन्द्र / Chandrapura Thermal Power Station
चंद्रपुरा / Chandrapura, बोकारो / Bokaro (झारखंड / Jharkhand)

No. CT/Sr.GM & HOP/28/ 154

Date: 9/03/2025

To,
The Deputy Commissioner
Bokaro Steel City
Bokaro.

Subject: Submission of Compliance Report as per NGT Order in
OA No. 200/2014 Dated- 13.09.2024.

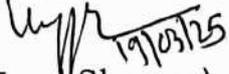
Respected Sir/Ma'am,

Enclosed please find the attachment of Compliance Report as required
from your end.

With Regards,

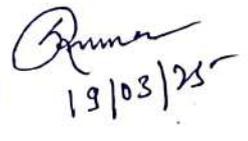
Encl: as above.

Yours faithfully,


(Vijaya Nand Sharma)
Sr. General Manager & HOP
DVC CTPS

Status of Sewage Treatment Plant (STP) at CTPS ,DVC

A. Compliance of Sewage Management		
Capacity	Status	Remarks
3.68 MLD STP for colony area.	STP#1 (2.1 MLD): Civil Structure work-93 %, Networking-70 % Pending Civil Work: - a. Boundary wall b. Networking= Nimea Market & Football ground area, and Connection between new and existing line are pending. Mechanical work completed: 98% Electrical Works Completed: - 95% C&I Works Completed: - 95%	Expected date of trial Run is 01.06.2025
	STP#2 (0.53 MLD): Civil Structure work- 100%, Networking-90 % Pending Civil Work: - a. Networking= Connection between new and existing lines are pending. Mechanical work completed: 100% Electrical Works Completed: - 100% C&I Works Completed: - 95% Networking- Connection between new and old existing lines is pending.	The plant has been commissioned and the expected date on which plant will come in function with available load is on 31.03.2025

 19/03/25
 19/03/25

Status of Sewage Treatment Plant (STP) at CTPS ,DVC

	<p>STP#3 (1.05 MLD): Civil Structure work- 100%, Networking- 74%. Pending Civil Work: - a. Networking=Khatal Area and Connection between new and existing lines are pending. Mechanical work completed: 100% Electrical Works Completed: - 90% C&I Works Completed: - 90%</p>	<p>The plant has been commissioned and the expected date on which plant will come in function with available load is on 31.03.2025</p>
--	--	--

D. Compliance of Industrial Pollution Control

ETP has been installed at CTPS, and it is in running condition for treatment of waste water. After treatment of waste water (treated water) is reuse for cleaning of power plant floor, watering to the plants and make up of in Ash water at slurry sump.

[Signature]
19/03/25

Rajiv Kumar.
19/03/2025

DALMIA CEMENT (BHARAT) LIMITED, BOKARO
Plot No.IV/A-7(P), Bokaro Industrial Area ,Balidih,Bokaro Steel City,
Bokaro Jharkhand-827014

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 underutilization 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)
50-60 KL/Day Dalmia Cement Bharat Limited (Unit -1)	100 KLD (STP)	100%	STP treated water quality below the norms of JSPCB/CPCB. Report attached as per Annexure-1	Less waste water generation	NA	NA	No. Waste water Treated in STP. All treated water is being used in green belt development and dust suppression	No Zero waste water discharge maintained.
3-4 KL/Day Bokaro Cement Manufacturing Works (A Unit of (DCBL) Unit-2)	15 KLD (STP)	100%	STP treated water quality below the norms of JSPCB/CPCB. Report attached as per Annexure-2	Less waste water generation	NA	NA	No. Waste water Treated in STP. All treated water is being used in green belt development and dust suppression	No Zero waste water discharge maintained

DALMIA CEMENT (BHARAT) LIMITED, BOKARO
Plot No.IV/A-7(P), Bokaro Industrial Area ,Balidih,Bokaro Steel City,
Bokaro Jharkhand-827014

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
No waste water drains joining any Rivers / Ganga /tributaries from our both Units M/s Dalmia Cement (Bharat) Limited (Unit-1) and Bokaro Cement Manufacturing Works (Unit of DCBL) Unit-2 Bokaro. All domestic waste water generated from canteen, toilets and from Bachler hostels treated in existing STP and treated water is being used in green belt development and dust suppression. Zero waste water discharge maintained	No plant drain not joining in City / Village drains /nearby town from our both units	All plant waste water drains connected with STP.	Regular drain pipe line cleaning is being done for ensuring drainage system remains efficient and trouble-free.

District Wise (including city and towns) information on river Ganga tributaries

C. Septage management (septic tanks/soak pits) : NA				
(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
NA	NA	NA	NA	NA

DALMIA CEMENT (BHARAT) LIMITED, BOKARO
 Plot No.IV/A-7(P), Bokaro Industrial Area ,Balidih,Bokaro Steel City,
 Bokaro Jharkhand-827014

District Wise (including city and towns) information on river Ganga tributaries

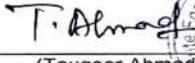
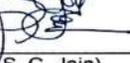
Industrial Pollution Control:	
No. of industries generating trade effluents, their place of disposal and compliance:	
Dalmia Cement (Bharat) Limited not generating any trade effluents from cement manufacturing process from our both units. DCBL Bokaro constructed STP in both units (DCBL Unit-1-100 KLD and BCMW (Unit of DCBL) Unit -2 -15 KLD) for the treatment of domestic waste water. All treated water is being used in green belt development and dust suppression. Zero waste water discharge maintained.	
D. District Wise (including city and towns) information on river Ganga 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
Dalmia Cement (Bharat) Limited and BCMW STP treated water quality analysis report attached as per Annexure-1&2	NA

District Wise (including city and towns) information on river Ganga tributaries

E. Issues relating to Environmental Flow: NA

Annexure-1

STP treated water quality analysis report of DCBL Bokaro

		Institute for Environmental Management																					
Test Report																							
ULR No.:	T	C	1	5	2	9	2	2	5	0	0	0	0	0	5	3	8						
Discipline: Chemical			Group: Pollution & Environment				Sub-Group: Waste Water																
Report Issue Date: 10-03-2025						Test Report No.: RN-241105004WW02																	
Sample ID: 250307PE02002						Sample Description: Waste Water (STP)																	
Challan No./P.O. No.: 4548043344/237						Challan No./ P.No. Date: 05-11-2024																	
Issued to: Dalmia Cement Bharat Limited, Plot No IV/A-7(P), Bokaro Industrial Area Balidih Bokaro Steel City, Bokaro-827014 Jharkhand India																							
Type of Industry: Cement			Customer Representative: Sanjeev Verma																				
Sample Drawn by: IEM Team			Sampling Date: 07-03-2025																				
Protocol: CPCB Guideline & IS Method 3025 Series																							
Sampling Location: NEAR STP PLANT (OUTLET)																							
Sample Receiving date: 07-03-2025			Testing Started: 07-03-2025			Testing Ended: 10-03-2025																	
----Test Result----																							
Sl. No.	Tested Parameters		Unit	Method No.	Norms**	Results																	
1.	pH value at 25°C		----	IS 3025 (Part-11)	5.5 to 9.0	8.0																	
2.	Total Suspended Solids (TSS)		mg/l	IS 3025 (Part-17)	100	23																	
3.	Biochemical Oxygen Demand (BOD)		mg/l	IS 3025 (Part-44)	30	11.1																	
4.	Chemical Oxygen Demand (COD)		mg/l	IS 3025 (Part-58)	250	68																	
----End of Report----																							
Env. Condition of Lab.		Laboratory is maintaining Temperature 27± 2°C and Relative Humidity 65±5 % in all testing area as per IS 196:1966(C).																					
Abbreviation		MDL: Minimum Detection Limit, BDL: Below Detection Limit																					
Norms** is Specified		As per the Environmental (Protection) Rule - 1986																					
Remark		Sample Comply with prescribed specification.																					
Tested By: Yashomati Kumari																							
Sample Drawn By: Siddharth Kumar & team																							
Specific Contractual Notes: - 1. The laboratory accepts responsibility for content of this report. 2. This report shall not be reproduced except in full, without written approval of the MD. 3. This report is intended for only guidance and not for legal purpose or for advertisement. 4. Any complaint about this report should be communicated in writing within 7 days of its issue. 5. Total liability of Institute for Environmental Management will be limited to invoiced amount only. 6. In case of feedback/ complaints, please send an email at dqm_iemeco@gmail.com						Reviewed by						Authorized Signatory											
						 (Tauqeer Ahmad)						 (Dr. S. C. Jain)											
						On the basis of Quality Checked and Technical data verified by the Authorized signatory, the report is issued by the Director of the Organization.																	
Page 1 of 2																							
Corporate office - A-8, Modi Heights, Opp.-All India Radio Station, Ratu Road, Ranchi, Jharkhand - 834001 Laboratory Site - H.No. - A-13, Saket Vihar, Near Sohrai Bhawan, Harmu Housing Colony, Ranchi-834002, Jharkhand, India Ph - 8407804253, 8407804251, Email - iem2012@rediffmail.com																							



Institute for Environmental Management



Test Report

Discipline: Chemical		Group: Pollution & Environment		Sub-Group: Waste Water	
Report Issue Date: 10-03-2025			Test Report No.: RN-241105004WW02		
Sample ID: 250307PE02002			Sample Description: Waste Water (STP)		
Challan No./P.O. No.: 4548043344/237			Challan No./ P.No. Date: 05-11-2024		
Issued to: Dalmia Cement Bharat Limited, Plot No IV/A-7(P), Bokaro Industrial Area Balidih Bokaro Steel City, Bokaro-827014 Jharkhand India					
Type of Industry: Cement			Customer Representative: Sanjeev Verma		
Sample Drawn by: IEM Team			Sampling Date: 07-03-2025		
Protocol: CPCB Guideline & IS Method 3025 Series					
Sampling Location: NEAR STP PLANT (OUTLET)					
Sample Receiving date: 07-03-2025		Testing Started: 07-03-2025		Testing Ended: 10-03-2025	

----Test Result----

Sl. No.	Tested Parameters	Unit	Method No.	Norms**	Results
5.	Oil & Grease	mg/l	IS 3025 (Part-39)	10	BDL(MDL 4.0)

----End of Report----

Env. Condition of Lab.	Laboratory is maintaining Temperature $27 \pm 2^\circ\text{C}$ and Relative Humidity $65 \pm 5\%$ in all testing area as per IS 196:1966(C).
Abbreviation	MDL: Minimum Detection Limit, BDL: Below Detection Limit
Norms** is Specified	As per the Environmental (Protection) Rule - 1986
Remark	Sample Comply with prescribed specification.

Tested By: Yashomati Kumari

Sample Drawn By: Siddharth Kumar & team

Specific Contractual Notes: - 1. The laboratory accepts responsibility for content of this report. 2. This report shall not be reproduced except in full, without written approval of the MD. 3. This report is intended for only guidance and not for legal purpose or for advertisement. 4. Any complaint about this report should be communicated in writing within 7 days of its issue. 5. Total liability of Institute for Environmental Management will be limited to invoiced amount only. 6. In case of feedback/ complaints, please send an email at dgm.iemeco@gmail.com	Reviewed by (Tauqeer Ahmad)
	Authorized Signatory (Dr. S. C. Jain)
On the basis of Quality Checked and Technical data verified by the Authorized signatory, the report is issued by the Director of the Organization.	Technical Manager Director

Page 2 of 2

Corporate office - A-8, Modi Heights, Opp.-All India Radio Station, Ratu Road, Ranchi, Jharkhand - 834001

Laboratory Site - H.No. - A-13, Saket Vihar, Near Sohrai Bhawan, Harmu Housing Colony,
Ranchi-834002, Jharkhand, India

Ph - 8407804253, 8407804251, Email - iem2012@rediffmail.com

Annexure-2

STP treated water quality analysis report of BCMW (Unit of DCBL)



Institute for Environmental Management



Test Report

ULR No.:	T	C	1	5	2	9	2	2	5	0	0	0	0	0	5	4	0
Discipline: Chemical	Group: Pollution & Environment										Sub-Group: Waste Water						
Report Issue Date: 10-03-2025	Test Report No.: RN-241105005WW02																
Sample ID: 250307PE04002	Sample Description: Waste Water (STP)																
Challan No./P.O. No.: 4548043346/237	Challan No./P.No. Date: 05-11-2024																
Issued to:																	
Bokaro Cement Manufacturing Works, Unit of Dalmia Cement (Bharat) Limited Plot No IV/A-7(P)4, Bokaro Industrial Area Balidih Bokaro Steel City, Bokaro-827014 Jharkhand India																	
Type of Industry: Cement										Customer Representative: Sanjeev Verma							
Sample Drawn by: IEM Team										Sampling Date: 07-03-2025							
Protocol: CPCB Guideline & IS Method 3025 Series																	
Sampling Location: STP PLANT (OUTLET)																	
Sample Receiving date: 07-03-2025						Testing Started: 07-03-2025						Testing Ended: 10-03-2025					

----Test Result----

Sl. No.	Tested Parameters	Unit	Method No.	Norms**	Results
1.	pH value at 25°C	---	IS 3025 (Part-11)	5.5 to 9.0	7.4
2.	Total Suspended Solids (TSS)	mg/l	IS 3025 (Part-17)	100	16
3.	Biochemical Oxygen Demand (BOD)	mg/l	IS 3025 (Part-44)	30	19.5
4.	Chemical Oxygen Demand (COD)	mg/l	IS 3025 (Part-58)	250	64

----End of Report----

Env. Condition of Lab.	Laboratory is maintaining Temperature 27± 2°C and Relative Humidity 65±5 % in all testing area as per IS 196:1966(C).
Abbreviation	MDL: Minimum Detection Limit, BDL: Below Detection Limit
Norms** is Specified	As per the Environmental (Protection) Rule - 1986
Remark	Sample Comply with prescribed specification.

Tested By: Yashomati Kumari

Sample Drawn By: Siddharth kumar & team

Specific Contractual Notes :- 1. The laboratory accepts responsibility for content of this report. 2. This report shall not be reproduced except in full, without written approval of the MD. 3. This report is intended for only guidance and not for legal purpose or for advertisement. 4. Any complaint about this report should be communicated in writing within 7 days of its issue. 5. Total liability of Institute for Environmental Management will be limited to invoiced amount only. 6. In case of feedback/ complaints, please send an email at dgm_iemcc@gmail.com On the basis of Quality Checked and Technical data verified by the Authorized signatory, the report is issued by the Director of the Organization.	Reviewed by	Authorized Signatory
	(Tauqeer Ahmad)	(Dr. S. C. Jain)
	Technical Manager	Director

Corporate office - A-8, Modi Heights, Opp.-All India Radio Station, Ratu Road, Ranchi, Jharkhand - 834001

Laboratory Site - H.No. - A-13, Saket Vihar, Near Sohrai Bhawan, Harmu Housing Colony,
Ranchi-834002, Jharkhand, India

Ph - 8407804253, 8407804251, Email - iem2012@rediffmail.com



Institute for Environmental Management



Test Report

Discipline: Chemical		Group: Pollution & Environment		Sub-Group: Waste Water	
Report Issue Date: 10-03-2025			Test Report No.: RN-241105005WW02		
Sample ID: 250307PE04002			Sample Description: Waste Water (STP)		
Challan No./P.O. No.: 4548043346/237			Challan No./ P.No. Date: 05-11-2024		
Issued to: Bokaro Cement Manufacturing Works, Unit of Dalmia Cement (Bharat) Limited Plot No IV/A-7(P)4, Bokaro Industrial Area Balidih Bokaro Steel City, Bokaro-827014 Jharkhand India					
Type of Industry: Cement			Customer Representative: Sanjeev Verma		
Sample Drawn by: IEM Team			Sampling Date: 07-03-2025		
Protocol: CPCB Guideline & IS Method 3025 Series					
Sampling Location: STP PLANT (OUTLET)					
Sample Receiving date: 07-03-2025		Testing Started: 07-03-2025		Testing Ended: 10-03-2025	

----Test Result----

Sl. No.	Tested Parameters	Unit	Method No.	Norms**	Results
5.	Oil & Grease	mg/l	IS 3025 (Part-39)	10	BDL(MDL 4.0)

----End of Report----

Env. Condition of Lab.	Laboratory is maintaining Temperature 27± 2°C and Relative Humidity 65±5 % in all testing area as per IS 196:1966(C).
Abbreviation	MDL: Minimum Detection Limit, BDL: Below Detection Limit
Norms** is Specified	As per the Environmental (Protection) Rule - 1986
Remark	Sample Comply with prescribed specification.

Tested By: Yashomati Kumari

Sample Drawn By: Siddharth kumar & team

Specific Contractual Notes:- 1. The laboratory accepts responsibility for content of this report. 2. This report shall not be reproduced except in full, without written approval of the MD. 3. This report is intended for only guidance and not for legal purpose or for advertisement. 4. Any complaint about this report should be communicated in writing within 7 days of its issue. 5. Total liability of Institute for Environmental Management will be limited to invoiced amount only. 6. In case of feedback/ complaints, please send an email at dgm_iemeco@gmail.com	Reviewed by (Tauqeer Ahmad)
	Authorized Signatory (Dr. S. C. Jain)
	Technical Manager

Page 2 of 2

Corporate office - A-8, Modi Heights, Opp.-All India Radio Station, Ratu Road, Ranchi, Jharkhand - 834001

Laboratory Site - H.No. - A-13, Saket Vihar, Near Sohrai Bhawan, Harmu Housing Colony,
Ranchi-834002, Jharkhand, India

Ph - 8407804253, 8407804251, Email - iem2012@rediffmail.com

Details of HPCL POL Depot, Bokaro

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

A. Sewage Management -STP NOT AVAILABLE								
(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 underutilization 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)
NA	NA	NA	NA	NA	NA	NA	NA	NA

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
NA	Joining to Industrial drain of BIADA	100% Sewage is flowing into Septic tanks	NA

District Wise (including city and towns) information on river Ganga 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
Septic tanks are available	Disposed through Municipality System	NA	Disposal of sludge is being done through Municipality System	NA

District Wise (including city and towns) information on river Ganga tributaries

D. Industrial Pollution Control	
No. of industries generating trade effluents, their place of disposal and compliance	
HPCL,POL Depot have Effluent treatment plant for treatment of waste water mixed with oil inside the plant. Effluent water is treated with 150KL/HR plant. Oily sludge are being disposed of through Jharkhand Pollution Control Board approved party as per PCB norms.	
E. District Wise (including city and towns) information on river Ganga 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
NA	NA

District Wise (including city and towns) information on river Ganga tributaries

F. Issues relating to Environmental Flow
NA

41323

ANNEXURE 57

बोकारो पावर सप्लाय कम्पनी (प्रा.) लिमिटेड
(सेल एवं डी.वी.सी. का एक संयुक्त उपक्रम)
हॉल सं.-एम-01, पुराना प्रशासनिक भवन,
इस्पात भवन, बोकारो स्टील सिटी-827001
दूरभाष : 06542-223747 (का. एवं प्र.) 240380 (क्र. एवं सं.)
फैक्स : 06542-247062, 246101 (पावर प्लान्ट)



CIN : U40300DL2001PTC112074

Bokaro Power Supply Company (P) Ltd.
(A Joint Venture of SAIL & DVC)
Hall No. M-01, Old ADM Building,
Ispat Bhawan, Bokaro Steel City - 827001
Tel : 06542-223747 (P&A), 240380 (P&C)
Fax : 06542-247062, 246101 (Power Plant)

No. BPSCL/HR/24/ 600

Dated: 22.03.2025

To
The Deputy Commissioner
Bokaro

**Sub: Submission of compliance report as per NGT Order
in OA No. 200/2014 dated 13.09.2024**

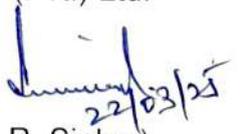
Dear Sir,

Please refer to your letter no. 414 dated 11.03.2025 on the above subject. As directed by you, the Compliance Report specific to our Company as per the Reporting Format provided by NGT has been duly filled and attached with this letter.

It may be mentioned that in the sub-para 4 of para 3 of the Order against Original Application No. 200/2014, Item No. 16, mentioning the compliances for Bokaro district, there is no mention about Bokaro Power Supply Company (Private) Limited. However, as advised, the compliance report given in the NGT format attached, may kindly be referred to which is in compliance to NGT in OA No. 200/2014 dated 13.09.2024.

For Bokaro Power Supply Company (Pvt.) Ltd.

Encl: as above


(R. R. Sinha)
Chief General Mgr.(HR)

Copy to:

1. CEO, BPSCL
2. DGM(Projects), BPSCL

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 underutilization 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)
<p>BPSCL is a Captive Power Plant of Bokaro Steel Plant. All sewage is sent to the network of Bokaro Steel Plant, SAIL as BPSCL does not have any separate township and it utilizes the township of Bokaro Steel Plant.</p> <p>The Power Plant of BPSCL is located inside the Bokaro Steel Plant, SAIL. BPSCL utilizes the sewage and effluent network of Bokaro Steel Plant. The effluent network of Bokaro Steel Plant is fitted with Zero Liquid Discharge system.</p> <p>The sewage treatment system of Bokaro Steel Plant is fitted with lagoon based sewage treatment plant.</p>								

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
<p>BPSCL is a Captive Power Plant of Bokaro Steel Plant. All sewage is sent to the network of Bokaro Steel Plant, SAIL as BPSCL does not have any separate township and it utilizes the township of Bokaro Steel Plant.</p> <p>The Power Plant of BPSCL is located inside the Bokaro Steel Plant, SAIL. BPSCL utilizes the sewage and effluent network of Bokaro Steel Plant. The effluent network of Bokaro Steel Plant is fitted with Zero Liquid Discharge system.</p> <p>The sewage treatment system of Bokaro Steel Plant is fitted with lagoon based sewage treatment plant.</p>			

District Wise (including city and towns) information on river Ganga tributaries

C. Septage management (septic tanks/soak pits)				
(i) Status of	(ii) Management of	(iii) Utilization of	(iv) Utilization and	(v) Gap in sewage

24/3/25

septage management with reference to FSTP/STP	Grey water	treated Grey water	disposal of sludge	management and time plan
<p>BPSCL is a Captive Power Plant of Bokaro Steel Plant. All sewage is sent to the network of Bokaro Steel Plant, SAIL as BPSCL does not have any separate township and it utilizes the township of Bokaro Steel Plant.</p> <p>The Power Plant of BPSCL is located inside the Bokaro Steel Plant, SAIL. BPSCL utilizes the sewage and effluent network of Bokaro Steel Plant. The effluent network of Bokaro Steel Plant is fitted with Zero Liquid Discharge system.</p> <p>The sewage treatment system of Bokaro Steel Plant is fitted with lagoon based sewage treatment plant.</p>				

District Wise (including city and towns) information on river Ganga tributaries

D. Industrial Pollution Control	
No. of industries generating trade effluents, their place of disposal and compliance	
BPSCL is a Captive Power Plant of Bokaro Steel Plant and is located inside the Bokaro Steel Plant, SAIL. BPSCL utilizes the effluent network of Bokaro Steel Plant. The effluent network of Bokaro Steel Plant is fitted with Zero Liquid Discharge system.	
E. District Wise (including city and towns) information on river Ganga 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
N.A	N.A

District Wise (including city and towns) information on river Ganga tributaries

F. Issues relating to Environmental Flow
N.A

होम
22/3/25



झारखण्ड राज्य प्रदूषण नियंत्रण पर्वद
Jharkhand State Pollution Control Board
HIG-1, Housing Colony, Dhanbad-826001

Ph: 0326-3510094

Letter No: 316

Dated: 21/03/2025

From,

Regional Officer,
Dhanbad

To,

Deputy Commissioner,
Bokaro.Sub: **Submission of Compliance report as per NGT Order OA No. 200/2014
Dated - 13.09.2024.**Ref: **Your letter no. 414/Vidhi, Dated 11.03.2025**

Sir/Ma'am,

With reference to above noted subject, please find enclosed herewith the available information related to para 03 sub para 04 on page no. 03 the Hon'ble NGT Order OA No. 200/2014 dated 13.09.2024 w.r.t. to Bokaro District.

1. 75 Nos. of hotels in Bokaro District have been issued directions from Regional Office level. Further action shall be taken from H.Q. level. (List enclosed)
2. Analysis reports of River water of Damodar including fecal coliform and fecal streptococci is being enclosed. For setting up required facility, a letter vide letter no. 191, Ranchi, Dated 30.01.2025 has been issued to SPMG, Jharkhand from H.Q. level (Copy enclosed)
3. Bokaro Steel Plant township is discharging sewage water to Garga River after treatment through 06 nos. of lagoon based STP. Sampling programme has been fixed for monitoring the quality of sewage water after treatment through lagoon based STPs.

Encl : A/a.

Your's faithfully,

(Vivek Kujur)

Regional Officer, Dhanbad.

List of Hotels, Dharamshala, Ashram, Restaurant, Banquet Hall			
S.N.	Name & Address of Hotsl, Dharamshala, Ashram, Restaurant, Banquet Hall	Status of CTE/CTO	Remarks
1	M/s. Hotel Blue Diamond Western Avenue At- B.S. City, Dist- Bokaro	CTO obtained for the peirod upto 30.06.2000	
2	M/s. Limcas Hotel Industries At- Sector-1, Near Ram Mandir, Market, B.S. City, Dist- Bokaro	CTO obtained for the period upto 31.03.2015	
3	M/s. Hotel Classic At- Sec-04, City Centre, B S City, Bokaro	CTO obtained for the period upto 31.12.2000	
4	M/s. Aryan International Hospitality Services Pvt.Ltd. At- Mohan Pur, Jainamore, Dist- Dhanbad	Not Obtained	
5	M/s. Hotel Rajdoot. At- By Pass Road, Chas, Dist- Bokaro	Not Obtained	
6	M/s. Veena Regency At- Opp. Solagidih Tank, Jodhadih More, Chas, Dist- Bokaro	Not Obtained	
7	M/s. Trijal Hotel & Marriage Hall, At- Trijal Complex, Six unit, Bokaro Thermal, Near Bokaro Thermal Railway Station, Dist- Bokaro-829107	Not Obtained	
8	M/s. Utsav Mandap Guest House, At- Plot No.-HE/18, Sec-04, City Centre, Dist- Bokaro-827004	Not Obtained	
9	M/s. Hotel Golden Residency, At- Gurudwara Road, NH-32, Chas, Dist- Bokaro-827004	Not Obtained	
10	M/s. Zaika Resort, At- Puruliya Road, Sardaha Chas, Dist- Bokaro-827013	Not Obtained	
11	M/s. Hotel Ananda, At- Plot No.-E-3, Sec-4, City Centre, Dist- Bokaro-827004	Not Obtained	
12	M/s. Hotel Aadditaya International, At- M-4, Sec-4, Bokaro, Behind Jai Jawan Petrol Pump, City Centre, Dist- Bokaro-827004	Not Obtained	
13	M/s. Kohinoor Palace, At- Bokaro Steel City, Chas, Dist- Bokaro-827013	Not Obtained	
14	M/s. Vaibhav Hotel Pvt.Ltd., At- Bye Pass Road, Marafari, Dist- Bokaro-827012	Not Obtained	
15	M/s. Nirmala Banquet Hall, At- Plot No-555, Biswarkarma, Co-Operative Colony, Chas, Dist- Bokaro-827013	Not Obtained	

List of Hotels, Dharamshala, Ashram, Restaurant, Banquet Hall			
S.N.	Name & Address of Hotsl, Dharamshala, Ashram, Restaurant, Banquet Hall	Status of CTE/CTO	Remarks
16	M/s. Shagun Banquet Hall, At- Plot No.-K-5, Sec-1, Bokaro City, Dist- Bokaro-827001	Not Obtained	
17	M/s. Panchvati Marriage Hall, At- Ashok Vatika Colony Chas, Chas, Dist- Bokaro-827010	Not Obtained	
18	M/s. Prakash Kalyan Mandap, At- Flat No-305A, Manmohan Co-Operative, Bari Co-operative Colony, Siwandih, Bokaro City, Dist- Bokaro-827010	Not Obtained	
19	M/s. Hans Hall, At- Bokaro Sector-1, Dist- Bokaro-827001	Not Obtained	
20	M/s. Subhagi Banquet Hall, At- Bari Co-Operative Colony, Siwandih, Bokaro Steel,	Not Obtained	
21	M/s. Hotel Rahul, At- Main Road, Near V Mart, Chas, Dist- Bokaro-827012	Not Obtained	
22	M/s. Jalsa Banquet, At-A-13, Chira Chas, Near Prapti Estate, Dist- Bokaro-827001	Not Obtained	
23	M/s. Imperial Marriage Hall, At-Gaush Nagar, Makhdumpur, Siwandih, Bokaro Steel City, Dist- Bokaro-827010	Not Obtained	
24	M/s. The Celebration, At-GM Colony Road, Near GM Ground, Bokaro Thermal, Dist- Bokaro-829107	Not Obtained	
25	M/s. Shahnai Palaza Marriage Hall, At-Ghus Nagar Colony, Bokaro Steel City, Dist- Bokaro-827003	Not Obtained	
26	M/s. Maha Milan, At-Sector-4, Bokaro Steel City, Dist- Bokaro-827004'	Not Obtained	
27	M/s. All Heavens Fully Ac Banquet Hall, At-Chira Chas, Bokaro Steel City, Dist- Bokaro-827003	Not Obtained	
28	M/s. Hans Regency Banquet Hall, At-Mortho Bokaro, Airport Road, Near Ram Mandir, Bokaro City, Dist- Bokaro-827001	Not Obtained	

List of Hotels, Dharamshala, Ashram, Restaurant, Banquet Hall			
S.N.	Name & Address of Hotsl, Dharamshala, Ashram, Restaurant, Banquet Hall	Status of CTE/CTO	Remarks
29	M/s. Shiv Mandap, At-Bhojpur Colony, Chas, Dist- Bokaro-827013	Not Obtained	
30	M/s. Deepanjali Palace, At-ITI More, Chas, Beside Nagar Palika Office, Dist- Bokaro-827003	Not Obtained	
31	M/s. Maa Kunti Bhawan, At-Surya Chowk, Beside of Jora Mandir, Chas, Dist- Bokaro-827013	Not Obtained	
32	M/s. Hotel Rajendra Residency, At-Plot No- F-15, City Centre, Near Maitry Bhawan, Sec-4, Dist- Bokaro-827004	Not Obtained	
33	M/s. Aaddityaa International Banquet Hall, At-M-4, Hotel Aaddityaa International, City Centre, Sector-4, Dist- Bokaro-827004	Not Obtained	
34	M/s. Hotel Royal Residency, At-Purulia Road, Bokaro City, Dist- Bokaro-827001	Not Obtained	
35	M/s. Shristy Mandap Banquet Hall, At-Plot No-K-3, Sector-1, Near PNB Bank, B.S. City, Dist- Bokaro-827003	Not Obtained	
36	M/s. Sai Marriage Hall & Guest House, At-Raja Bazar, Near Sai Mandir, Bokaro Thermal, Dist- Bokaro-829107	Not Obtained	
37	M/s. Royal Residency, At-Plot No-JC/6, City Centre, Near Bokaro Mall, Sec-4, Dist- Bokaro-827004	Not Obtained	
38	M/s. The Hotel Sunshine Grand, At-Jaina More, Bermo Gomia Road, Dist- Bokaro-829301	Not Obtained	
39	M/s. Hotel Shivam Residency, At-By Pass Road, Chas, Near K M Memorial Hospital, B.S. City, Dist- Bokaro-827013	Not Obtained	

S.N.
50

List of Hotels, Dharamshala, Ashram, Restaurant, Banquet Hall			
S.N.	Name & Address of Hotsl, Dharamshala, Ashram, Restaurant, Banquet Hall	Status of CTE/CTO	Remarks
40	M/s. Hotel Swagat, At-Plot No-B-3, 1st Floor, City Centre, Sec-4, Near SBI Bank, Dist- Bokaro-827004	Not Obtained	
41	M/s. Natraj Hotel, At-Shringari Point Complex, Bokaro City, Dist- Bokaro-827001	Not Obtained	
42	M/s. Hotel Lotus Regency, At-Phusro, Phusro Bazar, Dist- Bokaro-829144	Not Obtained	
43	M/s. Hotel Wish Petals Garden, At-Plot No- D118/118E, JIADA, Industrial Area Road, Balidih Dist- Bokaro-827014	Not Obtained	
44	M/s. Hotel New Raj Palace, At-By Pass Road, Chas, Near Indian Overseas Bank, B.S. City, Dist- Bokaro	Not Obtained	
45	M/s. Palki Marriage Hall, At-S K Market, Jodhadi More, Chas, Dist- Bokaro-827013	Not Obtained	
46	M/s. R.N. Residency & Banquet, At-Main Road Phusro, Phusro Bazar, Near Ramratan High School, Dist- Bokaro-829144	Not Obtained	
47	M/s. Mangalam Events, (A Unit of Birsa Ashram) At-Ground Floor, Naya More, B.S. City, Dist- Bokaro-827001	Not Obtained	
48	M/s. Hotel Sidhi Vinayak, At-Ranchi Rajdhani Road, Near Punjab Ashoka Petral Pump, Jaina More, Dist- Bokaro-829301	Not Obtained	
49	M/s. Dev Mandap, At-Plot No-F-3, Sec-12/A, Centre Market, B.S. City, Dist- Bokaro-827012	Not Obtained	

List of Hotels, Dharamshala, Ashram, Restaurant, Banquet Hall

S.N.	Name & Address of Hotel, Dharamshala, Ashram, Restaurant, Banquet Hall	Status of CTE/CTO	Remarks
50	M/s. Jagdamba Guest House Banquet Garden, At-PN Pandey House, Chanakayapuri Colony, Chira Chas, Near SBI Bank, B.S. City, Dist- Bokaro-827012	Not Obtained	
51	M/s. Ever Green Marriage Hall, At-Sibandih, M M Market, Islampur, Dist- Bokaro-827010	Not Obtained	
52	M/s. Hotel Prabhat Palace, At-Gomia, IEL Road, Near Bank More, Gomia, Dist- Bokaro-829111	Not Obtained	
53	M/s. Hotel Madhuwan Heights & AC Banquet, At-Ground Floor, Chas, Near City Style, B.S. City, Dist- Bokaro-827012	Not Obtained	
54	M/s. Renuka Palace, At-Gomia Thana Road, Near Government Hospital Gomia, Dist- Bokaro-829111	Not Obtained	
55	M/s. Sabir Marriage Hall, At-Ansari Colony, Chas, Dist- Bokaro-827013	Not Obtained	
56	M/s. Madhuri Banquet Hall, At-Dhanbad-Chas Road(Telmochho Bridge), Near Pupunki Toll Plaza, Chas, Dist- Bokaro-827013	Not Obtained	
57	M/s. Birsa Mandap, At- Naya More, B.S. City, Dist- Bokaro-827003	Not Obtained	
58	M/s. Hotel West Inn, At- West inn Avenue, Naya More Bus Stand Bokaro, City Center, Dist- Bokaro-827001	Not Obtained	
59	M/s. Prabhat Palace, At- Near New Hotel Prabhat, Dharamsala Road, Chas, Dist- Bokaro-827013	Not Obtained	
60	M/s. Hotel Neelkamal, At- Bye Pass Road, Near ICICI Bank, Chas, Dist- Bokaro-827013	Not Obtained	

List of Hotels, Dharamshala, Ashram, Restaurant, Banquet Hall			
S.N.	Name & Address of Hotsl, Dharamshala, Ashram, Restaurant, Banquet Hall	Status of CTE/CTO	Remarks
61	M/s. Hotel Yamuna Castle, At- Check Post Main Road, Chas, Dist- Bokaro-827013	Not Obtained	
62	M/s. Hotel Naresh, At- Bye Pass Road Chas, Near Dharmasala Chowk,, Dist- Bokaro-827013	Not Obtained	
63	M/s. New Hotel Prabhat, At- Near Old Bus Stand, Dharamshala More, Chas, Opp. Sri Lakshmi Narayan Mandir, Dist- Bokaro-827013	Not Obtained	
64	M/s. Hotel Yuvraj Regency, At- Plot No-B-23, Sec-4, Near Punjab National Bank, Dist- Bokaro-827004	Not Obtained	
65	M/s. Madhur Milan, At- Bhalsunda, Chas, Bokaro	Not Obtained	
66	M/s. Ever Green Resort, At- Ground Floor, Bokaro - Ranchi Highway, Bokaro.	Not Obtained	
67	M/s. Kailash Hotel, At- A Road, Sector IX, Bokaro	Not Obtained	
68	M/s. Usha Marriage Hall, At- Tantri, Bokaro	Not Obtained	
69	M/s. Shadi Recharge Wedding Planner Mall & Mall, Sector- III, Bokaro.	Not Obtained	
70	M/s. Maa Ambay Garden, Sector- II, B.E. City, Bokaro.	Not Obtained	
71	M/s. Laxmi Utsav Bhawan, Ward No. 15, Kailash Nagar, Bokaro.	Not Obtained	
72	M/s. Moti Milan Delux Tanduri Tial, First Floor, House No. 14, Sector-4, Bokaro	Not Obtained	
73	M/s. Hotel Urvashi, Phushro, Bokaro	Not Obtained	
74	M/s. Utsav, Bokaro Steel City, Bokaro.	Not Obtained	
75	M/s. L.K. Event, City Centre, Sector-4, Bokaro	Not Obtained	



ENVIROCHECK

Certified by : ISO/IEC 17025:2017 (NABL) & Recognised by JSPCB
 ISO 9001:2015 & ISO 45001 : 2018 Certified Laboratory
 Lab : MIG, R-3 Housing Colony, Dhanbad, Pin - 826001, State - Jharkhand { 9830067044 / { 9304513737



TEST REPORT

Name of the Unit	: Jharkhand State Pollution Control Board	Type of Unit	: Damodar River		
Address	: JSPCB, Regional Office, Domgarh, Sindri, Dhanbad, Jharkhand	Sampling Date	: 25.02.2025 - 26.02.2025		
		Period of Analysis	: 26.02.2025 - 02.03.2025		
		Date of Issue	: 03.03.2025		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: River Water
Location	: Near Domgarh Water Works Sindri Downstream Dhanbad	Sample ID No.	: ENV/142/W/M(i)	Report No.	: ENV/142/W/M(i)/24-25

S.no	Parameter	Unit	Test Protocol	Result
1.	Fecal Coliform	mg/L	9222D, APHA 23 rd edition	120 MPN/100 mL
2.	Fecal Streptococci	mg/L	IS 1622 : 1981	11 MPN/100 mL

Reviewed by :

(Saswata Burman Roy, Dy. Quality Manager)

****End of Report****

Authorised Signatory :

(Bapan Das, Dy. Technical Manager)





ENVIROCHECK

Certified by : ISO/IEC 17025:2017 (NABL) & Recognised by JSPCB

ISO 9001:2015 & ISO 45001 : 2018 Certified Laboratory

Lab : MIG, R-3 Housing Colony, Dhanbad, Pin - 826001, State - Jharkhand [9830067044 / [9304513737



TEST REPORT

Name of the Unit	: Jharkhand State Pollution Control Board	Type of Unit	: Damodar River		
Address	: JSPCB, Regional Office, Dhanbad, Jharkhand	Sampling Date	: 27.02.2025 - 28.02.2025		
		Period of Analysis	: 28.02.2025 - 06.03.2025		
		Date of Issue	: 07.03.2025		
Sampling Plan & Procedure	: ENV/SOP/01	Deviation from the Sampling Method and Plan	: No	Type of Sample	: River Water
Location	: Near Phusro Bridge	Sample ID No.	: ENV/139/W/M(i)	Report No.	: ENV/139/W/M(i)/24-25

S.no	Parameter	Unit	Test Protocol	Result
1.	Fecal Coliform	mg/L	9222D, APHA 23 rd edition	35 MPN/100 mL
2.	Fecal Streptococci	mg/L	IS 1622 : 1981	12 MPN/100 mL

Reviewed by :

(Saswata Burman Roy, Dy. Quality Manager)

****End of Report****

Authorised Signatory :

(Bapan Das, Dy. Technical Manager)



Kolkata Office : 63/B, Rastraguru Avenue, Kolkata - 700028 [033-25792891/25497490

Email : envirocheck50@gmail.com