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BEFORE THE NATIONAL GREEN TRIBUNAL, KOLKATA

Original Application No. 162/2023/EZ

Arsad Nasar

Applicant(s)

Versus

NMCG & Ors

Respondent(s)

INDEX

S. N.	Particulars	Page No.
1.	Affidavit of the Respondent No. - 03, Jharkhand State Pollution Control Board (JSPCB)	02-05
2.	Annexure - A: True copy of the Letter No. B-847 dated 27/03/2024.	06
3.	Annexure - B: True copy of the Letter No. 777 dated 06/05/2024.	07-39

Filed by: -

Surendra Kumar
Advocate
Jharkhand State Pollution Control Board



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Affidavit of the Respondent No. - 03, Jharkhand State Pollution Control Board (JSPCB).

I, Kamlakant Pathak, S/o of Jitbahan Pathak presently posted as the Section Head, Dumka Region, JSPCB and am duly competent to swear this affidavit and do here by solemnly state and affirm as follows: -

1. That, at present, I am working and posted as the Section Head, Dumka Region, JSPCB and as such, I am well acquainted with all the facts and circumstances of this case.

541
Ref.No..... Date.....

NOTARY
RANCHI
Reg. No.-
A/AB 22/89
14/07/23

2

2. That, I have gone through the order dated 29/02/2024 passed by the Hon'ble National Green Tribunal, Eastern Zone Bench, Kolkata and have understood the contents therein.

3. That, I am duly authorized to swear this affidavit. Further, it is stated that I have gone through the relevant files and records in the present case.

4. That, the Eastern Zone Bench of Hon'ble NGT on 29/02/2024 was pleased to direct the Committee to file a fresh Report before the next date of listing addressing all the allegations made in the Original Application. Moreover, the Hon'ble Tribunal on 16/04/2024 was again pleased to grant further four weeks' time for filing affidavit bringing on record the Committee Report.

5. That, it is humbly stated and submitted that in view of the above said order dated 29/02/2024 of the Hon'ble Tribunal, the JSPCB vide its Ref. No. B - 847 dated 27/03/2024 had nominated the Regional Officer, JSPCB Regional Office - Cum - Laboratory, Dumka as the Nodal Officer - cum - Member of the Committee on behalf

NOTARY
RANCHI
Reg. No. A/AB 22/89
10 MAY 2024

of the JSPCB to look into the matter and has informed about the same to the other Committee members.

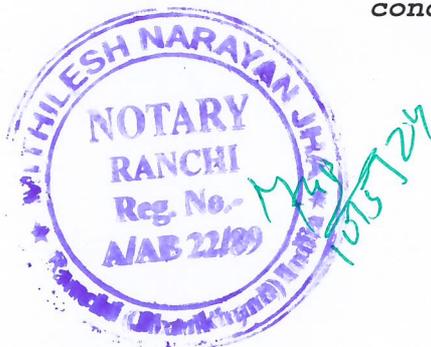
Photocopy of the Ref. No. B - 847 dated 27/03/2024 is enclosed and marked herewith as **Annexure - 'A'**.

6. That, it is humbly stated and submitted that a Joint Inspection was carried out on 09/04/2024 in the presence of some local people of the nearby area by the nominated officials and other officials. The Inspection Report of the Joint Committee has been submitted vide letter no. 777 dated 06/05/2024. The overall observation of the Joint Committee is reproduced below for the sake of brevity: -

"Over all observation:-

- i. *The bed of ganga river flowing through Sahebganj, Jharkhand is not being encroached upon by stone crusher units.*

- ii. *The current practice does not involve the storage or dumping of stone chips or stone boulder on the banks of Ganga. Previously, transportations of stone boulder were carried out with valid permits and certain conditions.*



- iii. Any type of Effluent / chemical / liquid was not being discharge / released into River which may be Harmful / Hazardous for River Water / Creatures.
- iv. The surface water samples collected during inspection by the joint team were analyzed by the recognized laboratory. After analysis, the values of water parameters were found to be within the limits, and no oil, grease were traced. (Lab test report of all alleged ghat is enclosed as Annexure-II)"

Photocopy of Letter No. 777 dated 06/05/2024 is annexed and marked as **Annexure - 'B'**.

7. That, this Affidavit is filed bonafide and in the interest of justice.

8. That the statement made in forgoing paragraphs are true to my knowledge in annexure are true copy of its original.

Kamalakant Pathak

DEPONENT

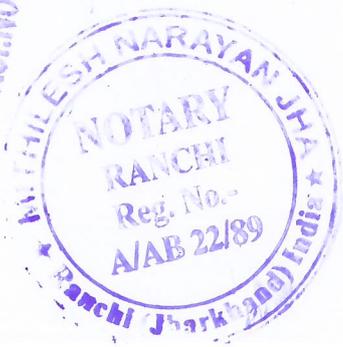
VERIFICATION:

Verified at Ranchi on this the day of ^{10th}..... May, 2024 that the averments & facts stated herein above are true and correct to my knowledge and belief and nothing material has been concealed therefrom.

Kamalakant Pathak

DEPONENT

Ref.No... 34 / Date... 10 MAY 2024



M. Nilesh Narayan Jha
FOT/5/2024

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JHARKHAND STATE POLLUTION CONTROL BOARD

TOWNSHIP ADMINISTRATION BUILDING, HEC COMPLEX, DHURWA, RANCHI 834004
Telephone: 0651-2400850 (Fax)/ 2400851/2400852/2401847/2400979/2400139

Annexure - 'A'

6

**Hon'ble NGT Matter
Time Bound (Urgent)**

Date: 27/03/2024

Ref. No. B-847

From,

Yatindra Kumar Das,
Member Secretary.

To,

The Deputy Commissioner,
Sahebganj.
The Regional Director,
CPCB Regional Directorate,
Kolkata.

Sub: - Compliance of directions issued by the Hon'ble NGT, EZB Kolkata in its order dated 29/02/2024 in O. A. No. 162/2023/EZ in the matter of Arsad Nasar Vs NMCG & Ors. - Regarding.

Sir,

In Connection with the above noted subject, it is to inform that the Hon'ble NGT, EZB Kolkata in its order dated 29/02/2024 in O. A. No. 162/2023/EZ in the matter of Arsad Nasar Vs NMCG & Ors. has been pleased to pass certain directions (Copy enclosed). The relevant portion of which is as follows: -

"2. Affidavit dated 03.02.2024 has been filed on behalf of the Respondent No.3, Jharkhand State Pollution Control Board; the same is taken on record.

3. The Inspection Report, copy of which has been filed along with the affidavit of the Jharkhand State Pollution Control Board, is absolutely sketchy since it has only dealt with Chhota Toufir Ghat but has omitted the other ghats which have been specifically named by the Applicant and also find mention in para 4 of the order of the Tribunal dated 20.10.2023.

4. The Committee has also not addressed itself to the allegations that the Deputy Commissioner, Sahebganj, vide his Memo No.334 dated 03.05.2023 had allotted the bank protection work with condition that dumping would be done at a distance of 100 meters from the side of the river Ganga. The Inspection Report is silent on this issue. It appears that the Committee has filed this Report in a very irresponsible manner.

5. We, therefore, direct the Committee to file a fresh Report before the next date of listing addressing all the allegations made in the Original Application.

13. List on 16.04.2024."

In light of the above, the Regional Officer, JSPCB Regional Office - Cum - Laboratory, Dumka (Email: - dumkajspcb@gmail.com) is nominated as the Nodal Officer - Cum - Member of the Committee on behalf of the JSPCB to look into the matter. This is for information and further necessary action please.

This issues with approval of the Competent Authority.

Yours sincerely,
Sd/-

(Yatindra Kumar Das)
Member Secretary

Ranchi, dated 27/03/2024

Memo No. B-847

Copy to: The Regional Officer, JSPCB Regional Office - Cum - Laboratory, Dumka for information & it is directed to co-ordinate with the Committee for compliance of the directions issued by the Hon'ble Tribunal and submit the Report to the Headquarters, so that the same may be filed in time.



O/C

(Yatindra Kumar Das)
Member Secretary

Annexure - 'B'

7



झारखण्ड राज्य प्रदूषण नियंत्रण पर्षद्,

क्षेत्रीय कार्यालय-सह-प्रयोगशाला, दुमका - 814101

Ph: 06434-230203 Web Site: www.jspcb.nic.in

पत्रांक :- १११
प्रेषक:

दिनांक :- 06/5/2024

सेवा में,

क्षेत्रीय पदाधिकारी,
दुमका।

सदस्य सचिव,
झारखण्ड राज्य प्रदूषण नियंत्रण पर्षद्,
राँची।

विषय :- Original Application No. 162/2023/EZ in the matter of
Arsad Nasar Versus NMCG & Ors के संबंध में निरीक्षण
प्रतिवेदन।

प्रसंग :- आपका पत्रांक B- 847 दिनांक 27.03.2024

महाशय,

उपर्युक्त विषय के प्रसंग में सूचित करना है कि माननीय
Original Application No. 162/2023/EZ in the matter of Arsad
Nasar Versus NMCG & Ors के संबंध में पारित आदेश के आलोक में निरीक्षण
प्रतिवेदन संलग्न कर आवश्यक कार्रवाई हेतु भेजी जा रही है।

सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

विश्वासभाजन,

अनु० - यथो०।

Rw 6/5/24
(राजीव कुमार सिन्हा)
क्षेत्रीय पदाधिकारी।



REPORT OF THE JOINT COMMITTEE

IN COMPLIANCE OF THE ORDER DATED
29.02.2024 PASSED BY THE HON'BLE
NATIONAL GREEN TRIBUNAL (NGT),
EASTERN ZONAL BENCH, KOLKATA IN

O. A. No. 162/2023/EZ

IN THE MATTER OF

ARSAD NASAR Vs NMCG & ORS.



Inspection Report of the Committee constituted by the Hon'ble National Green Tribunal, Eastern Zonal Bench, Kolkata in the matter of O.A. No. 162/2023/EZ

In the matter of O.A. No. 162/2023/EZ (Arsad Nasar Vs NMCG & Ors), Hon'ble NGT vide its order dated 29.02.2024, directed the committee to file a fresh report. (Order copy enclosed as Annexure-I)

In compliance to the Hon'ble NGT (EZ) order dated 29/02/2024 in the matter of O.A No. 162/2023 , a Joint inspection was carried out on 09/04/2024 in the presence of some local people of the nearby area by the following nominated officers & other officials:-

- i) Mr. Krishna Kumar Kisku, District Mining Officer, District Sahebganj - Representative of DC- Sahebganj
- ii) Mr. Rajiva Kumar Sinha, Regional Officer, JSPCB Regional Office, Dumka- Representative of JSPCB
- iii) Mr. Sandeep Roy, Scientist 'D', CPCB-RD Kolkata- Representative of CPCB.
- iv) Mr. Amul Kumar Soren, A.E.E, JSPCB Regional Office, Dumka,
- v) Mr. Siddharth Jain, Scientist 'B', CPCB-RD Kolkata
- vi) Mr. R. D. Sahni, ST, JSPCB Regional Office, Dumka

Site Visit:-

In compliance to the said orders of the Hon'ble NGT 29.02.2024, a joint team of officials from JSPCB, CPCB & representative of District Administration, Sahebganj visited the Ganga Ghats of Madanshahi, Bada Toufir Ghat, Chota Toufir Ghat, Samdanala Ghat, Chanan Ghat, Soti Chowki Ghat, Sukar Bazar Ghaat, Suksena Ghat & Garam Ghat. Also, a joint team has collected a surface water sample of the all alleged ganga ghat for analysis.

Details are following:-

1. Chota Toufir Ghat

1.	Name of the Ghat	Chota Toufir Ghat
2.	Latitude & Longitude of the location	Lat: 25.24150479°, Long: 87.68097426°
	Length of the Ghat	200 meter (approx)
3.	Name of the native people present during inspection	Mr. Md R Ansari from Chota Madanshai,
4.	Observation	<ol style="list-style-type: none"> i. There was no activity related to stone transportation or stone storage near the ghat was observed. ii. No stone crusher units are installed and operated in the vicinity of the ghat. iii. During the inspection, no boat used for the transportation of stone chips & boulder were observed at the ghat.



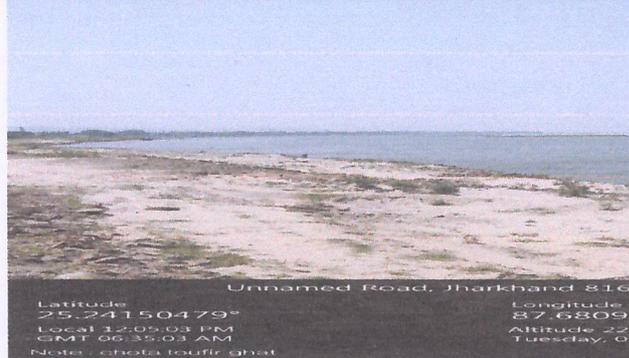
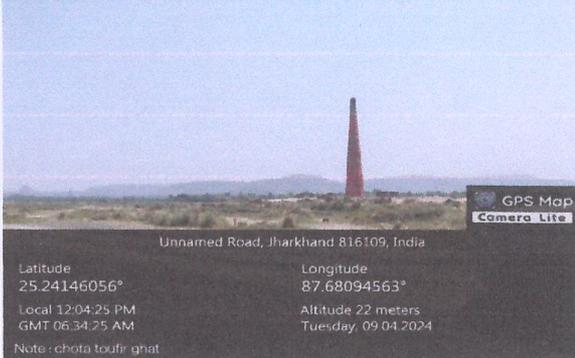
	iv. No any type of Effluent/ chemical/ liquid are being discharge/ released into the river that could be Harmful/ Hazardous for River Water/ Creatures.
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Water analysis report of Chota Toufir Ghat

The joint team collected a surface water sample from the Chota Toufir Ghat. Lab analysis results are tabulated as below:-

SI. No.	Parameter	Unit	Result	Permissible limit
1.	Total Suspended Solids (TSS) @105°C	mg/l	28.0	----
2.	Chemical Oxygen Demand (COD) @ 150°C	mg/l	9.6	---
3.	Turbidity	NTU	1.2	---
4.	Biochemical Oxygen Demand (BOD) @ 27°C for 3 days	mg/l	1.2	03
5.	Oil & Grease @ 70°C	mg/l	BDL	---
6.	Total Solids @105°C	mg/l	456.0	---
7.	TDS@180°C	mg/l	384.0	500
8.	Electrical Conductivity	us/cm	564.71	---

Photographs with caption – Chota Toufir Ghat (Date: 09.04.2024)

 <p>Latitude: 25.24150479° Local 12:05:03 PM GMT 06:35:03 AM Note: chota toufir ghat</p>	 <p>Latitude: 25.24146056° Local 12:04:25 PM GMT 06:34:25 AM Note: chota toufir ghat</p>
<p>Photo 01:- Chota Toufir Ghat view towards the river</p>	<p>Photo 02:- Chota Toufir Ghat view away from the river</p>

2. Bada Toufir Ghat:-

1.	Name of the Ghat	Bada Toufir Ghat
2.	Latitude & Longitude of the location	Lat: 25.24068195°, Long: 87.67827602°
	Length of the Ghat	60 meter (approx)
3.	Name of the native people present during inspection	Mr. Md Vittal Ansari from Bada Madanshai,
4.	Observation	<ul style="list-style-type: none"> i. There was no activity related to stone transportation or stone storage near the ghat was observed. ii. No stone crusher units are installed and



	<p>iii. operated in the vicinity of the ghat. During the inspection, no boat used for the transportation of stone chips & boulder were observed at the ghat.</p> <p>iv. No any type of Effluent/ chemical/ liquid are being discharge/ released into the river that could be Harmful/ Hazardous for River Water/ Creatures.</p>
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Water analysis report of Bada Toufir Ghat

The joint team collected a surface water sample from the Bada Toufir Ghat. Lab analysis results are tabulated as below:-

Sl. No.	Parameter	Unit	Result	Permissible limit
1.	Total Suspended Solids (TSS) @105°C	mg/l	19.0	---
2.	Chemical Oxygen Demand (COD) @ 150°C	mg/l	10.4	---
3.	Turbidity	NTU	1.8	---
4.	Biochemical Oxygen Demand (BOD) @ 27°C for 3 days	mg/l	1.9	03
5.	Oil & Grease @ 70°C	mg/l	BDL	---
6.	Total Solids @105°C	mg/l	344.0	---
7.	TDS@180°C	mg/l	284.0	500
8.	Electrical Conductivity	us/cm	436.92	---

Photographs with caption – Bada Toufir Ghat (Date: 09.04.2024)

<p>GPS Map Camera Site</p> <p>Unnamed Road, Jharkhand 816109, India</p> <p>Latitude: 25.24068195° Longitude: 87.67827602° Local 12:14:07 PM Altitude 22 meters GMT 06:44:07 AM Tuesday, 09.04.2024</p> <p>Note: Bada toufir ghat</p>	<p>GPS Map Camera Site</p> <p>Unnamed Road, Jharkhand 816109, India</p> <p>Latitude: 25.24066663° Longitude: 87.6782506° Local 12:14:28 PM Altitude 22 meters GMT 06:44:28 AM Tuesday, 09.04.2024</p> <p>Note: Bada toufir ghat</p>
<p>Photo 03:-Bada Toufir Ghat view towards the river</p>	<p>Photo 04:- Bada Toufir Ghat view away from the river</p>



Photo 05:- Visiting Officials at Bada Toufir Ghat

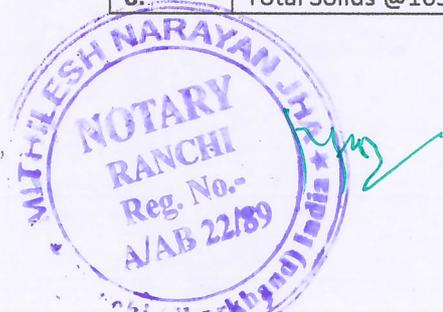
3. Chanan Ghat:-

1.	Name of the Ghat	Chanan Ghat
2.	Latitude & Longitude of the location	Lat: 25.2404901°, Long: 87.67454705°
	Length of the Ghat	50 meter (approx)
3.	Name of the native people present during inspection	Mr. Kailash Mandal from Chanan.
4.	Observation	<ul style="list-style-type: none"> i. There was no activity related to stone transportation or stone storage near the ghat was observed. ii. No stone crusher units are installed and operated in the vicinity of the ghat. iii. During the inspection, no boat used for the transportation of stone chips & boulder were observed at the ghat. iv. No any type of Effluent/ chemical/ liquid are being discharge/ released into the river that could be Harmful/ Hazardous for River Water/ Creatures.

Water analysis report of Chanan Ghat

The joint team collected a surface water sample from the Chanan Ghat. Lab analysis results are tabulated as below:-

SI. No.	Parameter	Unit	Result	Permissible limit
1.	Total Suspended Solids (TSS) @105°C	mg/l	21.0	----
2.	Chemical Oxygen Demand (COD) @ 150°C	mg/l	9.4	---
3.	Turbidity	NTU	2.8	---
4.	Biochemical Oxygen Demand (BOD) @ 27°C for 3 days	mg/l	1.2	03
5.	Oil & Grease @ 70°C	mg/l	BDL	---
6.	Total Solids @105°C	mg/l	411.0	---



7.	TDS@180°C	mg/l	336.0	500
8.	Electrical Conductivity	us/cm	525.0	---

Photographs with caption – Chanan Ghat (Date: 09.04.2024)



4. Soti Chowki Ghat

1.	Name of the Ghat	Soti Chowki Ghat
2.	Latitude & Longitude of the location	Lat: 25.2425521°, Long: 87.68580941°
	Length of the Ghat	300 meter (approx)
3.	Name of the native people present during inspection	Mr. Ashok mandal from Soti Chowki.
4.	Observation	<ul style="list-style-type: none"> i. There is no provision for any kind of loading and unloading in this ghat due to the absence of a road accessible for trucks/tractors. ii. There was no activity related to stone transportation or stone storage near the ghat was observed. iii. No stone crusher units are installed and operated in the vicinity of the ghat. iv. During the inspection, no boat used for the transportation of stone chips & boulder were observed at the ghat. v. No any type of Effluent/ chemical/ liquid are being discharge/ released into the river that could be Harmful/ Hazardous for River Water/ Creatures.

Water analysis report of Soti Chowki Ghat

The joint team collected a surface water sample from the Soti Chowki Ghat. Lab analysis results are tabulated as below:-



SI. No.	Parameter	Unit	Result	Permissible limit
1.	Total Suspended Solids (TSS) @105°C	mg/l	12.0	---
2.	Chemical Oxygen Demand (COD) @ 150°C	mg/l	9.2	---
3.	Turbidity	NTU	1.9	---
4.	Biochemical Oxygen Demand (BOD) @ 27°C for 3 days	mg/l	1.6	03
5.	Oil & Grease @ 70°C	mg/l	BDL	---
6.	Total Solids @105°C	mg/l	338.0	---
7.	TDS@180°C	mg/l	276.0	500
8.	Electrical Conductivity	us/cm	438.09	---

Photographs with caption – Soti Chowki Ghat (Date: 09.04.2024)

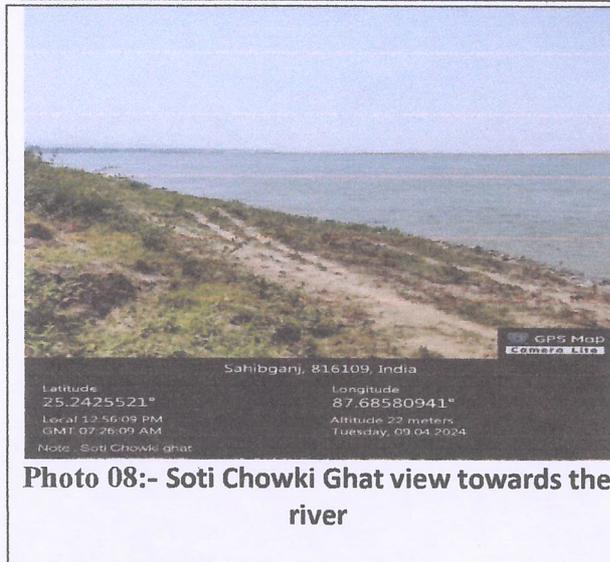


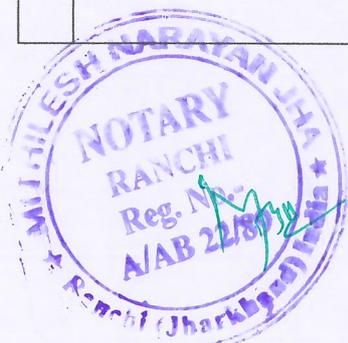
Photo 08:- Soti Chowki Ghat view towards the river



Photo 09:- Soti chowki ghat view away from the river

5. Samdanala Ghat

1.	Name of the Ghat	Samdanala Ghat
2.	Latitude & Longitude of the location	Lat: 25.24654714°, Long: 87.69469196°
	Length of the Ghat	200 meter (approx)
3.	Name of the native people present during inspection	Mr. Prabhu Yadev from Samdanala.
4.	Observation	<ul style="list-style-type: none"> i. There was no activity related to stone transportation or stone storage near the ghat was observed. ii. The boats were present at the ghat but in the non-functional condition. It seems that the transportation from the boats was stopped a long time ago. iii. No stone crusher units are installed and



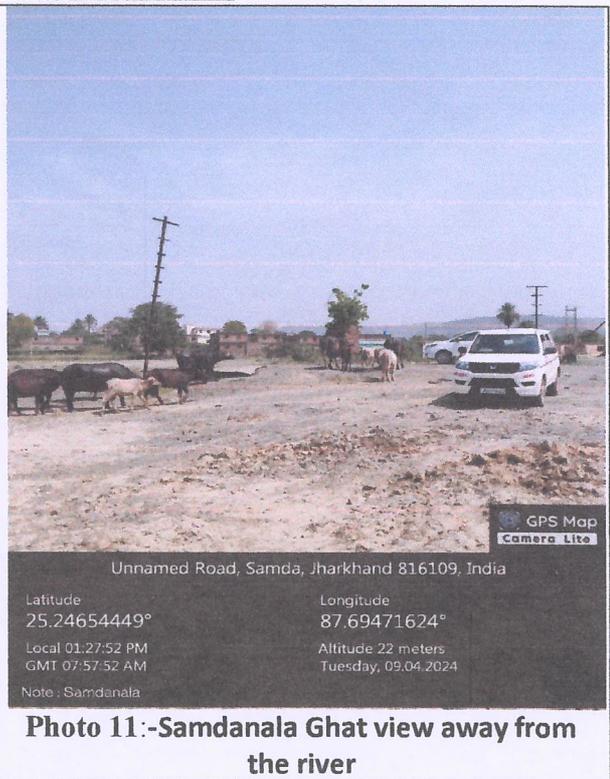
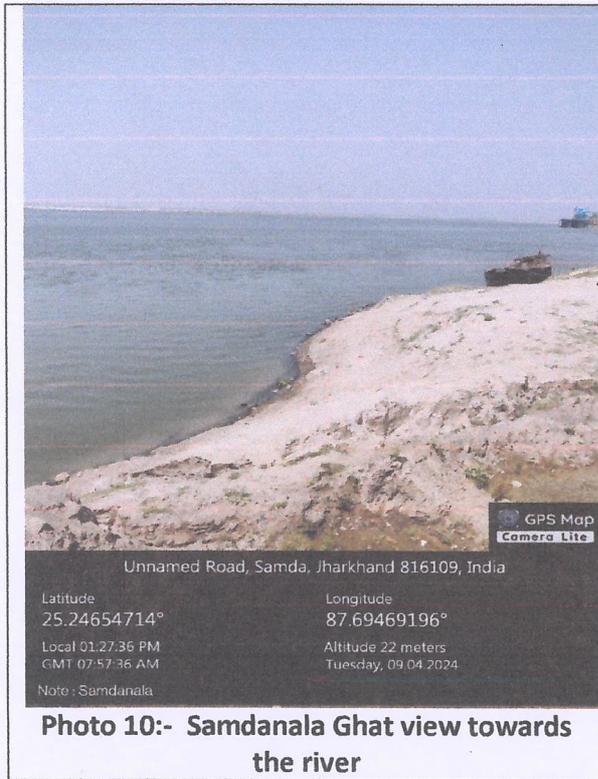
		iv. operated in the vicinity of the ghat. No any type of Effluent/ chemical/ liquid are being discharge/ released into the river that could be Harmful/ Hazardous for River Water/ Creatures.
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Water analysis report of Samdanala Ghat

The joint team collected a surface water sample from the Samdanala Ghat. Lab analysis results are tabulated as below:-

Sl. No.	Parameter	Unit	Result	Permissible limit
1.	Total Suspended Solids (TSS) @105°C	mg/l	22.0	----
2.	Chemical Oxygen Demand (COD) @ 150°C	mg/l	10.4	---
3.	Turbidity	NTU	2.8	---
4.	Biochemical Oxygen Demand (BOD) @ 27°C for 3 days	mg/l	1.8	03
5.	Oil & Grease @ 70°C	mg/l	BDL	---
6.	Total Solids @105°C	mg/l	391.0	---
7.	TDS@180°C	mg/l	312.0	500
8.	Electrical Conductivity	us/cm	452.17	---

Photographs with caption – Samdanala Ghat (Date: 09.04.2024)



NOTARY RANCHI
 Reg. No. 22/89
 22/89



Photo 12 Visiting Officials at Samdanala Ghat

6. Sukar Bazar Ghaat

1.	Name of the Ghat	Sukar Bazar Ghaat
2.	Latitude & Longitude of the location	Lat: 25.25890915°, Long: 87.71682602°
	Length of the Ghat	400 meter (approx)
3.	Name of the native people present during inspection	Mr. Jitendra Kumar Yadev from Sukkar bazaar,
4.	Observation	<ul style="list-style-type: none"> i. There was no activity related to stone transportation or stone storage near the ghat was observed. ii. The boats were present at the ghat but in the non-functional condition. It seems that the transportation from the boats was stopped a long time ago. iii. No stone crusher units are installed and operated in the vicinity of the ghat. iv. No any type of Effluent/ chemical/ liquid are being discharge/ released into the river that could be Harmful/ Hazardous for River Water/ Creatures.

Water analysis report of Sukar Bazar Ghaat

The joint team collected a surface water sample from the Sukar Bazar Ghaat. Lab analysis results are tabulated as below:-

Sl. No.	Parameter	Unit	Result	Permissible limit
1.	Total Suspended Solids (TSS) @105°C	mg/l	12.0	----
2.	Chemical Oxygen Demand (COD) @ 150°C	mg/l	9.8	---



3.	Turbidity	NTU	1.2	---
4.	Biochemical Oxygen Demand (BOD) @ 27°C for 3 days	mg/l	1.4	03
5.	Oil & Grease @ 70°C	mg/l	BDL	---
6.	Total Solids @105°C	mg/l	334.0	---
7.	TDS@180°C	mg/l	276	500
8.	Electrical Conductivity	us/cm	467.80	---

Photographs with caption – Sukar Bazar Ghaat (Date: 09.04.2024)

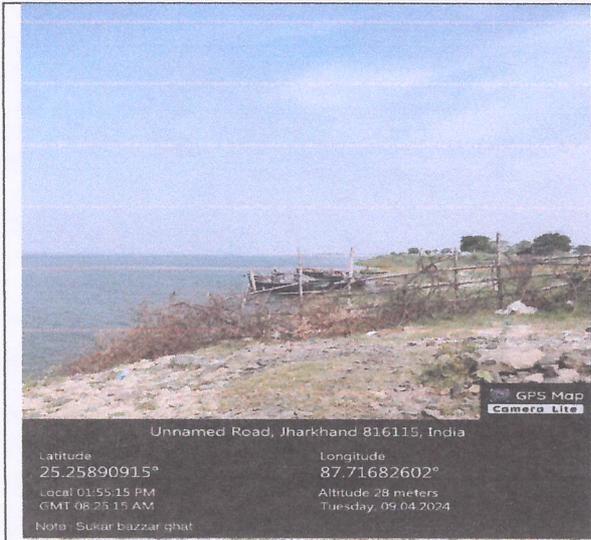


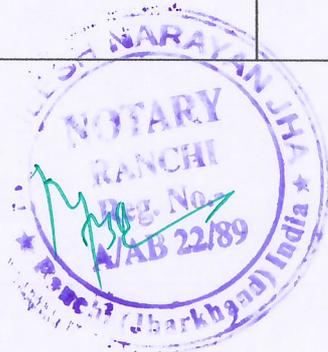
Photo 13:- Sukar Bazzar Ghat view towards the river



Photo 14:- Sukar Bazzar ghat view away from the river

7. Suksena Ghat

1.	Name of the Ghat	Suksena Ghat
2.	Latitude & Longitude of the location	Lat: 25.14745097°, Long: 87.76861058°
	Length of the Ghat	100 meter (approx)
3.	Name of the native people present during inspection	Mr. Anando mandal from Sukhsena ghat & Mr. Dilip mandal from Sukhsena ghat.
4.	Observation	<ul style="list-style-type: none"> i. There was no activity related to stone transportation or stone storage near the ghat was observed. ii. The boats were present at the ghat but in the non-functional condition. iii. No stone crusher units are installed and operated in the vicinity of the ghat. iv. No any type of Effluent/ chemical/ liquid are being discharge/ released into the river that could be Harmful/ Hazardous for River Water/ Creatures.

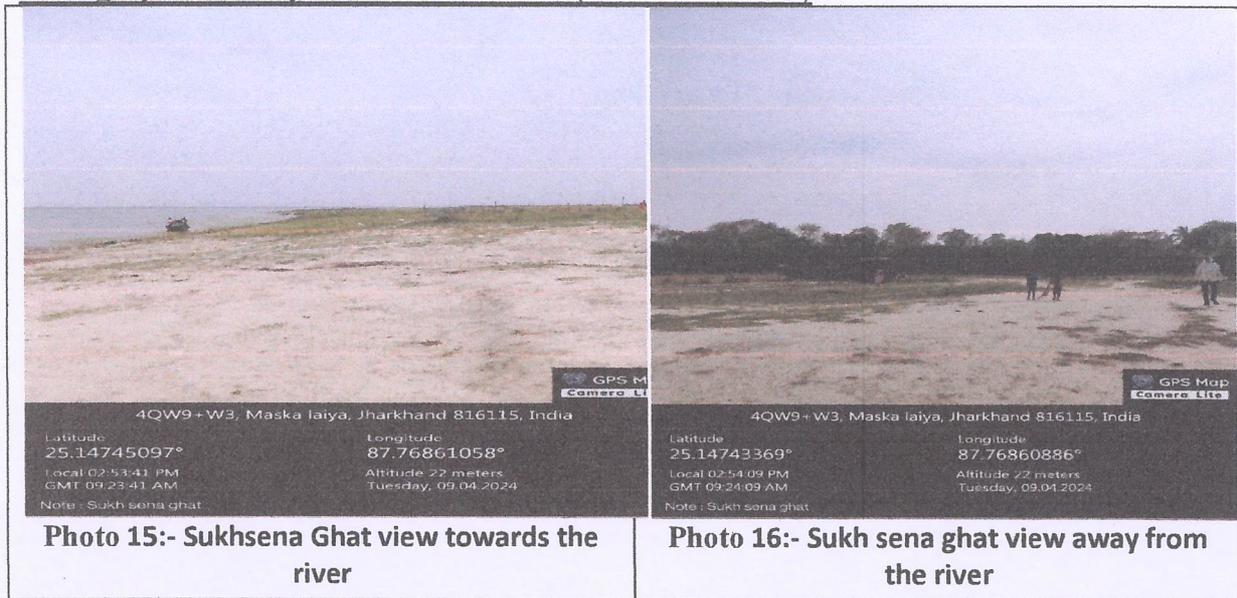


Water analysis report of Suksena Ghat

The joint team collected a surface water sample from the Suksena Ghat. Lab analysis results are tabulated as below:-

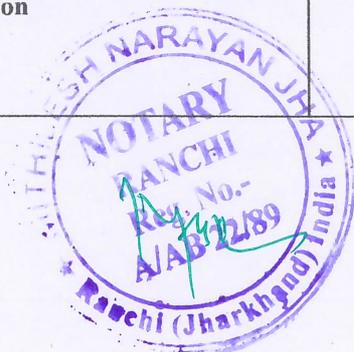
SI. No.	Parameter	Unit	Result	Permissible limit
1.	Total Suspended Solids (TSS) @105°C	mg/l	11.0	---
2.	Chemical Oxygen Demand (COD) @ 150°C	mg/l	10.8	---
3.	Turbidity	NTU	1.9	---
4.	Biochemical Oxygen Demand (BOD) @ 27°C for 3 days	mg/l	1.7	03
5.	Oil & Grease @ 70°C	mg/l	BDL	---
6.	Total Solids @105°C	mg/l	301.0	---
7.	TDS@180°C	mg/l	224.0	500
8.	Electrical Conductivity	us/cm	367.21	---

Photographs with caption – Suksena Ghat (Date: 09.04.2024)



8. Garam Ghat

1.	Name of the Ghat	Garam Ghaat
2.	Latitude & Longitude of the location	Lat: 25.28790472°, Long: 87.62779081°
	Length of the Ghat	50 meter
3.	Name of the native people present during inspection	-
4.	Observation	<ul style="list-style-type: none"> i. There is no storage of stone chips and no mining activity. ii. This ghat is auctioned only for transportation of vehicle by the order of government for two



		<p>years. This is being operational since long time.</p> <p>iii. No stone crusher units are installed and operated in the vicinity of the ghat.</p> <p>iv. No any type of Effluent/ chemical/ liquid are being discharge/ released into the river that could be Harmful/ Hazardous for River Water/ Creatures.</p>
--	--	--

Water analysis report of Garam Ghat

The joint team collected a surface water sample from the Garam Ghat. Lab analysis results are tabulated as below:-

Sl. No.	Parameter	Unit	Result	Permissible limit
1.	Total Suspended Solids (TSS) @105°C	mg/l	18.0	----
2.	Chemical Oxygen Demand (COD) @ 150°C	mg/l	10.5	---
3.	Turbidity	NTU	2.2	---
4.	Biochemical Oxygen Demand (BOD) @ 27°C for 3 days	mg/l	1.6	03
5.	Oil & Grease @ 70°C	mg/l	BDL	---
6.	Total Solids @105°C	mg/l	356.0	---
7.	TDS@180°C	mg/l	258.0	500
8.	Electrical Conductivity	us/cm	373.91	---

Photographs with caption – Garam Ghaat (Date: 09.04.2024)

<p>7JQH+J7, Harparshad ogairah, Jharkhand 816109, India Latitude 25.28790472° Longitude 87.62779081° Local 05:29:26 PM GMT 11:59:26 AM Note - Garam ghat</p>	<p>7JQH+J7, Harparshad ogairah, Jharkhand 816109, India Latitude 25.28810331° Longitude 87.62789351° Local 05:30:48 PM GMT 12:00:48 PM Note - Garam ghat</p>
<p>Photo 17:- Garam Ghat view towards the river</p>	<p>Photo 18:- Garam Ghat view away from the river</p>

Over all observation:-



- i. The bed of ganga river flowing through Sahebganj, Jharkhand is not being encroached upon by stone crusher units.
- ii. The current practice does not involve the storage or dumping of stone chips or stone boulder on the banks of Ganga. Previously, transportations of stone boulder were carried out with valid permits and certain conditions.
- iii. Any type of Effluent/ chemical/ liquid ^{was} ~~will~~ ^{being} ~~be~~ discharge/ released into River which may be Harmful/ Hazardous for River Water/ Creatures.
- iv. The surface water samples collected during inspection by the joint team were analyzed by the recognized laboratory. After analysis, the values of water parameters were found to be within the limits, and no oil, grease were traced. (Lab test report of all alleged ghat is enclosed as Annexure-II)


(Sandeep Roy)
Scientist - 'D'
CPCB-RD, Kolkata

R/K
04/05/24
(Rajiva Kumar Sinha)
Regional Officer,
JSPCB Regional Office, Dumka


(Hemant Sati)
Deputy Commissioner,
Sahebganj.



Item No.04

Court No.1

**BEFORE THE NATIONAL GREEN TRIBUNAL
EASTERN ZONE BENCH, KOLKATA
(THROUGH PHYSICAL HEARING WITH HYBRID MODE)**

Original Application No.162/2023/EZ

Arsad Nasar

Applicant(s)

Versus

NMCG & Ors.

Respondent(s)

Date of hearing: 29.02.2024

**CORAM: HON'BLE MR. JUSTICE B. AMIT STHALEKAR, JUDICIAL MEMBER
HON'BLE DR. ARUN KUMAR VERMA, EXPERT MEMBER**

For Applicant(s) : Ms. Paushali Banerjee, Advocate

For Respondent(s): Mr. Ashok Prasad, Advocate for R-1,
Ms. Aishwarya Rajyashree, Adv. for R-2,4,6-8, (in Virtual Mode)
Mr. Surendra Kumar, Advocate for R-3,
Mr. Dipanjan Ghosh, Advocate for R-9, (in Virtual Mode)

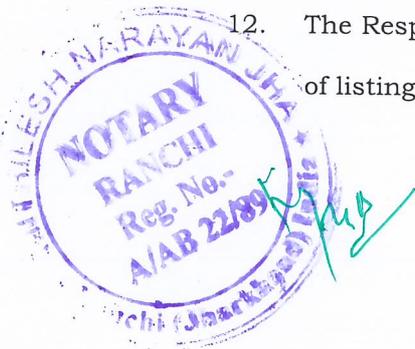
ORDER

1. Ms. Paushali Banerjee, learned Counsel is present for the Applicant.
2. Affidavit dated 03.02.2024 has been filed on behalf of the Respondent No.3, Jharkhand State Pollution Control Board; the same is taken on record.
3. The Inspection Report, copy of which has been filed along with the affidavit of the Jharkhand State Pollution Control Board, is absolutely sketchy since it has only dealt with Chhota Toufir Ghat but has omitted the other ghats which have been specifically named by the Applicant and also find mention in para 4 of the order of the Tribunal dated 20.10.2023.
4. The Committee has also not addressed itself to the allegations that the Deputy Commissioner, Sahebganj, vide his Memo No.334 dated 03.05.2023 had allotted the bank protection work with condition



that dumping would be done at a distance of 100 meters from the side of the river Ganga. The Inspection Report is silent on this issue. It appears that the Committee has filed this Report in a very irresponsible manner.

5. We, therefore, direct the Committee to file a fresh Report before the next date of listing addressing all the allegations made in the Original Application.
6. Mr. Ashok Prasad, learned Counsel appearing for Respondent No.1, National Mission for Clean Ganga (NMCG), prays for and is granted further three weeks time for filing counter-affidavit.
7. Ms. Aishwarya Rajyashree, learned Counsel appearing (in Virtual Mode) for Respondent Nos.2, 4, 6, 7 & 8, State Respondents, Government of Jharkhand, also prays for and is granted further three weeks time for filing counter-affidavit.
8. Mr. Dipanjan Ghosh, learned Counsel appearing (in Virtual Mode) for Respondent No.9, Central Pollution Control Board, states that since the Central Pollution Control Board was the Member of the Committee constituted by the Tribunal, therefore, separate affidavit of Central Pollution Control Board is not required at this stage as per instructions given to him by the Department.
9. No one is present on behalf of the Respondent No.5, Goutam Jha, Proprietor of G. K. Enterprise Malda.
10. Affidavit of service upon the Respondent No.5 has not been filed by the Applicant.
11. Ms. Paushali Banerjee shall file affidavit of service upon the Respondent No.5 within one week.
12. The Respondent No.5 shall file its counter-affidavit by the next date of listing.



23

13. List on 16.04.2024.

.....
B. Amit Sthalekar, JM

February 29, 2024,
Original Application No.162/2023/EZ
AK

.....
Dr. Arun Kumar Verma, EM



24

Annexure-II



GEMS PROJECTS PVT. LTD.

(ENVIRONMENTAL LABORATORY DIVISION)

NABL ACCREDITED | ISO9001 & OHSAS 18001 CERTIFIED | JSPCB RECOGNISED



Certificate No.-TC-11067

TEST REPORT

Issued to: M/s Regional Officer Dumka Dist- Dumka (Jharkhand)	Job Registration ID	G/JRN/240412/CH-01	
	Sample receiving date	12-04-2024	
	Date of Issue	16-04-2024	
	Type of Industries	-----	
Sample Code	G/2403412/SW-01	Sample Description	Ganga River
Sample Quantity	2500ml	Sampling Date	09-04-2024
Sample pkg. condition	Sealed in PP Bottle	Sampling Location	At-Chhota Touffir, Dist- SBG
Test Start Date	12-04-2024	Sample collected by	JSPCB (Dumka)
ULR Number	TC 1 1 0 6 7 2 4 0 0 0 0 0 0 0 0 0 1 4 F	Sampling Protocol	-----
		Test Completion Date	16-04-2024

RESULT

Sl. No.	Parameter	Test Method	Unit	Result	Permissible limit
1	Total Suspended Solid (TSS) @ 105°C	IS:3025 Part-17:2022 (Total Suspended Solid Dried at 103- 105 °C)	mg/l	28.0	---
2	Chemical Oxygen Demand (COD) @ 150°C	IS:3025 Part-58:2023 (Open Reflux Method)	mg/l	9.6	---
3	Turbidity	IS:3025 Part-10:2023	NTU	1.2	---

Remarks: - BDL- Below Detectable Limit.

Note: - On the basis of the tested parameters, sample complies with the requirement of Ganga water according to IS 2296:1992.

- 1) Results relate only to the items sampled and tested.
- 2) The report shall not be reproduced except in full without approval of the laboratory.
- 3) Any dispute is subject to Ranchi Jurisdiction Only.
- 4) Sample will be discarded after 15 days from the issue date of the test report.

 16/04/2024 Chameli Soren Tested by	 GEMS PROJECTS PVT. LTD. Environmental Laboratory Division	 16/04/2024 Kumari Soni Mehta Issued by (Authorized Signatory)
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Authorized Signatory
Gems Projects Pvt. Ltd.

End of Test report (Environmental Laboratory Division) Page 1 of 2



25



GEMS PROJECTS PVT. LTD. (ENVIRONMENTAL LABORATORY DIVISION)

APPROVED BY JHARKHAND STATE POLLUTION CONTROL BOARD|ISO9001 & OHSAS 18001 CERTIFIED

TEST REPORT

Issued to: M/s Regional Officer Dumka Dist- Dumka (Jharkhand)		Job Registration ID	G/JRN/240412/CH-01
		ULR Number	-----
		Date of Issue	16-04-2024
		Type of Industries	-----
		Sample Description	Ganga River
Sample Code	G/240412/SW-01	Sampling Date	09-04-2024
Sample Quantity	2500ml	Sampling Location	At-Chhota Touffir, Dist- SBG
Sample receiving date	12-04-2024	Sample collected by	JSPCB (Dumka)
Sample pkg. condition	Sealed in PP Bottle	Sampling Protocol	-----
Test Start Date	12-04-2024	Test Completion Date	16-04-2024

RESULT

Sl. No.	Parameter	Test Method	Unit	Result	Permissible limit
1.	Biochemical Oxygen Demand (BOD) @ 27°C for 3 days	IS:3025 Part-44:1993,RA-2021	mg/l	1.2	03
2.	Oil & Grease @ 70°C	IS:3025 Part-39:2021	mg/l	BDL	---
3.	Total Solid @105 °C	IS:3025 Part-15:1984	mg/l	456.0	--
4.	TDS @180 °C	IS:3025 Part-16:1984 (Total Dissolved Solid Dried at 180 °C)	mg/l	384.0	500
5.	Electrical Conductivity	IS:3025 Part-14:2013,RA-2019	µs/cm	564.71	--

Remarks: - BDL- Below Detectable Limit.

Note: - On the basis of the tested parameters, sample complies with the requirement of Ganga water according to IS 2296:1992.

1. Results relate only to the items sampled and tested.
2. The report shall not be reproduced except in full without approval of the laboratory.
3. Any dispute is subject to Ranchi Jurisdiction Only.
4. Sample will be discarded after 15 days from the issue date of the test report.

 16/04/2024 Chameli Soren Tested by	 16/04/2024 Kumari Soni Mehta Issued by (Authorized Signatory)
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Page 2 of 2



26



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Certificate No.-TC-11067

TEST REPORT

Issued to: M/s Regional Officer Dumka Dist- Dumka (Jharkhand)		Job Registration ID	G/JRN/240412/CH-01												
		Sample receiving date	12-04-2024												
		Date of Issue	16-04-2024												
		Type of Industries	-----												
		Sample Description	Ganga River												
		Sampling Date	09-04-2024												
Sample Code	G/2403412/SW-02	Sampling Location	At-Bars Touffir, Dist- SBG												
Sample Quantity	2500ml	Sample collected by	JSPCB (Dumka)												
Sample pkg. condition	Sealed in PP Bottle	Sampling Protocol	-----												
Test Start Date	12-04-2024	Test Completion Date	16-04-2024												
ULR Number	TC 1 1 0 6 7 2 4 0 0 0 0 0 0 0 0 1 5 F														

RESULT

Sl. No.	Parameter	Test Method	Unit	Result	Permissible limit
1	Total Suspended Solid (TSS) @ 105°C	IS:3025 Part-17:2022 (Total Suspended Solid Dried at 103- 105 °C)	mg/l	19.0	---
2	Chemical Oxygen Demand (COD) @ 150°C	IS:3025 Part-58:2023 (Open Reflux Method)	mg/l	10.4	---
3	Turbidity	IS:3025 Part-10:2023	NTU	1.8	---

Remarks: - BDL- Below Detectable Limit.

Note: - On the basis of the tested parameters, sample complies with the requirement of Ganga water according to IS 2296:1992.

1. Results relate only to the items sampled and tested.
2. The report shall not be reproduced except in full without approval of the laboratory.
3. Any dispute is subject to Ranchi Jurisdiction Only.
4. Sample will be discarded after 15 days from the issue date of the test report.

Chameli Sord 16/04/2024		Kumari Soni Mehta 16/04/2024
Tested by		Issued by (Authorized Signatory)

Authorized Signatory
Gems Project Pvt. Ltd.

*** End of Test report *** (Environmental Laboratory Division) Page 1 of 2





GEMS PROJECTS PVT. LTD.

(ENVIRONMENTAL LABORATORY DIVISION)

APPROVED BY JHARKHAND STATE POLLUTION CONTROL BOARD | ISO 9001 & OHSAS 18001 CERTIFIED

27

TEST REPORT

Issued to: M/s Regional Officer Dumka Dist- Dumka (Jharkhand)		Job Registration ID	G/JRN/240412/CH-01
		ULR Number	-----
		Date of Issue	16-04-2024
		Type of Industries	-----
		Sample Description	Ganga River
Sample Code	G/240412/SW-02	Sampling Date	09-04-2024
Sample Quantity	2500ml	Sampling Location	At-Bars Touffir, Dist- SBG
Sample receiving date	12-04-2024	Sample collected by	JSPCB (Dumka)
Sample pkg. condition	Sealed in PP Bottle	Sampling Protocol	-----
Test Start Date	12-04-2024	Test Completion Date	16-04-2024

RESULT

Sl. No.	Parameter	Test Method	Unit	Result	Permissible limit
1.	Biochemical Oxygen Demand (BOD) @ 27°C for 3 days	IS:3025 Part-44:1993,RA-2021	mg/l	1.9	03
2.	Oil & Grease @ 70°C	IS:3025 Part-39:2021	mg/l	BDL	---
3.	Total Solid @105 °C	IS:3025 Part-15:1984	mg/l	344.0	--
4.	TDS @180 °C	IS:3025 Part-16:1984 (Total Dissolved Solid Dried at 180 °C)	mg/l	284.0	500
5.	Electrical Conductivity	IS:3025 Part-14:2013,RA-2019	µs/cm	436.92	--

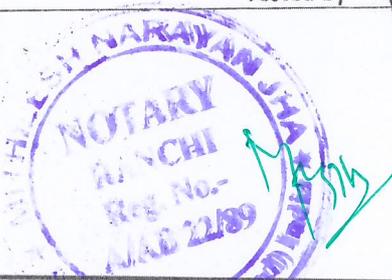
Remarks: - BDL- Below Detectable Limit.

Note: - On the basis of the tested parameters, sample complies with the requirement of Ganga water according to IS 2296:1992.

1. Results relate only to the items sampled and tested.
2. The report shall not be reproduced except in full without approval of the laboratory.
3. Any dispute is subject to Ranchi Jurisdiction Only.
4. Sample will be discarded after 15 days from the issue date of the test report.

<i>Chameli</i> 16/04/2024 Chameli Soren		<i>Kumari Mehta</i> 16/04/2024 Kumari Soni Mehta
Tested by		Issued by (Authorized Signatory)

Lab In-Charge
Gems Projects Pvt. Ltd



Registered Office: 1436/2 Balpat Nagar, Near Lala Lajpat Rai School, Pundag, Argora, Ranchi, Jharkhand-834004
Contact: +91-9431115961 +91-9934307900

Laboratory Address: Harhi Road, Vil-Katarpa, Piska Nagri, Jharkhand-835303 Contact: +91-9508707378, +91-7903208990
E-mail: gemslab17@gmail.com



GEMS PROJECTS PVT. LTD.

(ENVIRONMENTAL LABORATORY DIVISION)

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Certificate No.-TC-11067

28

TEST REPORT

Issued to: M/s Regional Officer Dumka Dist- Dumka (Jharkhand)		Job Registration ID	G/JRN/240412/CH-01
		Sample receiving date	12-04-2024
		Date of Issue	16-04-2024
		Type of Industries	-----
		Sample Description	Ganga River
		Sampling Date	09-04-2024
Sample Code	G/2403412/SW-03	Sampling Location	At- Chananghat, Dist- SBG
Sample Quantity	2500ml	Sample collected by	JSPCB (Dumka)
Sample pkg. condition	Sealed in PP Bottle	Sampling Protocol	-----
Test Start Date	12-04-2024	Test Completion Date	16-04-2024
ULR Number	TC 1 1 0 6 7 2 4 0 0 0 0 0 0 0 0 1 6 F		

RESULT

Sl. No.	Parameter	Test Method	Unit	Result	Permissible limit
1	Total Suspended Solid (TSS) @ 105°C	IS:3025 Part-17:2022 (Total Suspended Solid Dried at 103- 105 °C)	mg/l	21.0	---
2	Chemical Oxygen Demand (COD) @ 150°C	IS:3025 Part-58:2023 (Open Reflux Method)	mg/l	9.4	---
3	Turbidity	IS:3025 Part-10:2023	NTU	2.8	---

Remarks: - BDL- Below Detectable Limit.

Note: - On the basis of the tested parameters, sample complies with the requirement of Ganga water according to IS 2296:1992.

1. Results relate only to the items sampled and tested.
2. The report shall not be reproduced except in full without approval of the laboratory.
3. Any dispute is subject to Ranchi Jurisdiction Only.
4. Sample will be discarded after 15 days from the issue date of the test report.

 Chameli Soren Tested by	 Environmental Laboratory Division	 Kumari Soni Mehta Issued by (Authorized Signatory)
		Authorized Signatory Gems Project Pvt. Ltd.

*** End of Test report* (Environmental Laboratory Division) Page 1 of 2





GEMS PROJECTS PVT. LTD.

(ENVIRONMENTAL LABORATORY DIVISION)

29

APPROVED BY JHARKHAND STATE POLLUTION CONTROL BOARD | ISO 9001 & OHSAS 18001 CERTIFIED

TEST REPORT

Issued to: M/s Regional Officer Dumka Dist- Dumka (Jharkhand)		Job Registration ID	G/JRN/240412/CH-01
		ULR Number	-----
		Date of Issue	16-04-2024
		Type of Industries	-----
		Sample Description	Ganga River
Sample Code	G/240412/SW-03	Sampling Date	09-04-2024
Sample Quantity	2500ml	Sampling Location	At- Chananghat, Dist- SBG
Sample receiving date	12-04-2024	Sample collected by	JSPCB (Dumka)
Sample pkg. condition	Sealed in PP Bottle	Sampling Protocol	-----
Test Start Date	12-04-2024	Test Completion Date	16-04-2024

RESULT

Sl. No.	Parameter	Test Method	Unit	Result	Permissible limit
1.	Biochemical Oxygen Demand (BOD) @ 27°C for 3 days	IS:3025 Part-44:1993,RA-2021	mg/l	1.2	03
2.	Oil & Grease @ 70°C	IS:3025 Part-39:2021	mg/l	BDL	---
3.	Total Solid @ 105 °C	IS:3025 Part-15:1984	mg/l	411.0	--
4.	TDS @ 180 °C	IS:3025 Part-16:1984 (Total Dissolved Solid Dried at 180 °C)	mg/l	336.0	500
5.	Electrical Conductivity	IS:3025 Part-14:2013,RA-2019	µs/cm	525.0	--

Remarks: - BDL- Below Detectable Limit.

Note: - On the basis of the tested parameters, sample complies with the requirement of Ganga water according to IS 2296:1992.

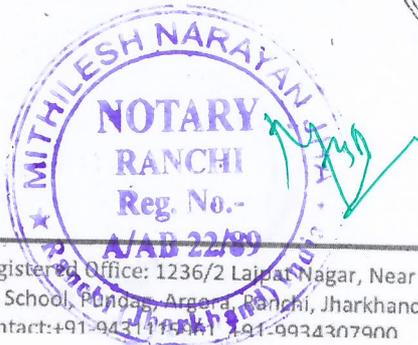
1. Results relate only to the items sampled and tested.
2. The report shall not be reproduced except in full without approval of the laboratory.
3. Any dispute is subject to Ranchi Jurisdiction Only.
4. Sample will be discarded after 15 days from the issue date of the test report.

 Chameli Soren Tested by	 Kumari Soni Mehta Issued by (Authorized Signatory)
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Lab In-Charge
Gems Projects Pvt. Ltd

Page 2 of 2



Registered Office: 1236/2 Lajpat Nagar, Near Lala Lajpat Rai School, Ponda, Argera, Ranchi, Jharkhand-834004
 Contact: +91-9431115511, +91-9924307900

Laboratory Address: Harhi Road, Vil-Katarpa, Piska Nagri, Jharkhand-835303 Contact: +91-9508707378, +91-7903208990
 E-mail: gemslab17@gmail.com



GEMS PROJECTS PVT. LTD.

(ENVIRONMENTAL LABORATORY DIVISION)

NABL ACCREDITED | ISO9001 & OHSAS 18001 CERTIFIED | JSPCB RECOGNISED

30



Certificate No.-TC-11067

TEST REPORT

Issued to: M/s Regional Officer Dumka Dist- Dumka (Jharkhand)		Job Registration ID	G/JRN/240412/CH-01
		Sample receiving date	12-04-2024
		Date of Issue	16-04-2024
		Type of Industries	-----
		Sample Description	Ganga River
		Sampling Date	09-04-2024
Sample Code	G/2403412/SW-04	Sampling Location	At-Soutiehoukighat, Dist- SBG
Sample Quantity	2500ml	Sample collected by	JSPCB (Dumka)
Sample pkg. condition	Sealed in PP Bottle	Sampling Protocol	-----
Test Start Date	12-04-2024	Test Completion Date	16-04-2024
ULR Number	TC 1 1 0 6 7 2 4 0 0 0 0 0 0 0 0 1 7 F		

RESULT

Sl. No.	Parameter	Test Method	Unit	Result	Permissible limit
1	Total Suspended Solid (TSS) @ 105°C	IS:3025 Part-17:2022 (Total Suspended Solid Dried at 103- 105 °C)	mg/l	12.0	---
2	Chemical Oxygen Demand (COD) @ 150°C	IS:3025 Part-58:2023 (Open Reflux Method)	mg/l	9.2	---
3	Turbidity	IS:3025 Part-10:2023	NTU	1.9	---

Remarks: - BDL- Below Detectable Limit.

Note: - On the basis of the tested parameters, sample complies with the requirement of Ganga water according to IS 2296:1992.

1. Results relate only to the items sampled and tested.
2. The report shall not be reproduced except in full without approval of the laboratory.
3. Any dispute is subject to Ranchi Jurisdiction Only.
4. Sample will be discarded after 15 days from the issue date of the test report.

Chanchi 16/04/2024 Chameli Soren Tested by		Kumari Soni Mehta Issued by (Authorized Signatory)
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Authorized Signatory
Gems Project Pvt. Ltd.

End of Test report** (Environmental Laboratory Division) Page 1 of 2



31



GEMS PROJECTS PVT. LTD.

(ENVIRONMENTAL LABORATORY DIVISION)

APPROVED BY JHARKHAND STATE POLLUTION CONTROL BOARD | ISO9001 & OHSAS 18001 CERTIFIED

TEST REPORT

Issued to: M/s Regional Officer Dumka Dist- Dumka (Jharkhand)		Job Registration ID	G/JRN/240412/CH-01
		ULR Number	-----
		Date of Issue	16-04-2024
		Type of Industries	-----
		Sample Description	Ganga River
Sample Code	G/240412/SW-04	Sampling Date	09-04-2024
Sample Quantity	2500ml	Sampling Location	At-Soutiehoukighat, Dist- SBG
Sample receiving date	12-04-2024	Sample collected by	JSPCB (Dumka)
Sample pkg. condition	Sealed in PP Bottle	Sampling Protocol	-----
Test Start Date	12-04-2024	Test Completion Date	16-04-2024

RESULT

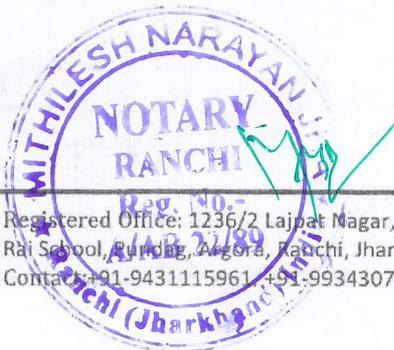
Sl. No.	Parameter	Test Method	Unit	Result	Permissible limit
1.	Biochemical Oxygen Demand (BOD) @ 27°C for 3 days	IS:3025 Part-44:1993,RA-2021	mg/l	1.6	03
2.	Oil & Grease @ 70°C	IS:3025 Part-39:2021	mg/l	BDL	--
3.	Total Solid @105 °C	IS:3025 Part-15:1984	mg/l	338.0	--
4.	TDS @180 °C	IS:3025 Part-16:1984 (Total Dissolved Solid Dried at 180 °C)	mg/l	276.0	500
5.	Electrical Conductivity	IS:3025 Part-14:2013,RA-2019	µs/cm	438.09	--

Remarks: - BDL- Below Detectable Limit.

Note: - On the basis of the tested parameters, sample complies with the requirement of Ganga water according to IS 2296:1992.

1. Results relate only to the items sampled and tested.
2. The report shall not be reproduced except in full without approval of the laboratory.
3. Any dispute is subject to Ranchi Jurisdiction Only.
4. Sample will be discarded after 15 days from the issue date of the test report.

 16/04/2024 Chameli Soren Tested by	 Environmental Laboratory Division	 16/04/2024 Kumari Soni Mehta Issued by (Authorized Signatory)
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Lab In-Charge
Gems Projects Pvt. Ltd

Page 2 of 2

Registered Office: 1236/2 Lajpat Nagar, Near Lala Lajpat Rai School, Bunderg, Angora, Ranchi, Jharkhand-834004
Contact: +91-9431115961, +91-9934307900

Laboratory Address: Harhi Road, Vil-Katarpa, Piska Nagri, Jharkhand-835303 Contact: +91-9508707378, +91-7903208990
E-mail: gems17@gmail.com



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Certificate No.-TC-11067

32

TEST REPORT

Issued to: M/s Regional Officer Dumka Dist- Dumka (Jharkhand)		Job Registration ID	G/JRN/240412/CH-01
		Sample receiving date	12-04-2024
		Date of Issue	16-04-2024
		Type of Industries	-----
		Sample Description	Ganga River
		Sampling Date	09-04-2024
Sample Code	G/2403412/SW-05	Sampling Location	At-Samds Nals, Dist- SBG
Sample Quantity	2500ml	Sample collected by	JSPCB (Dumka)
Sample pkg. condition	Sealed in PP Bottle	Sampling Protocol	-----
Test Start Date	12-04-2024	Test Completion Date	16-04-2024
ULR Number	TC 1 1 0 6 7 2 4 0 0 0 0 0 0 0 0 1 8 F		

RESULT

Sl. No.	Parameter	Test Method	Unit	Result	Permissible limit
1	Total Suspended Solid (TSS) @ 105°C	IS:3025 Part-17:2022 (Total Suspended Solid Dried at 103- 105 °C)	mg/l	22.0	---
2	Chemical Oxygen Demand (COD) @ 150°C	IS:3025 Part-58:2023 (Open Reflux Method)	mg/l	10.4	---
3	Turbidity	IS:3025 Part-10:2023	NTU	2.8	---

Remarks: - BDL- Below Detectable Limit.

Note: - On the basis of the tested parameters, sample complies with the requirement of Ganga water according to IS 2296:1992.

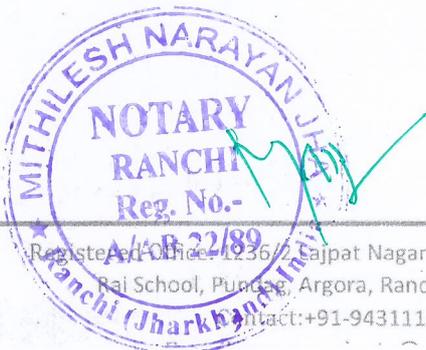
1. Results relate only to the items sampled and tested.
2. The report shall not be reproduced except in full without approval of the laboratory.
3. Any dispute is subject to Ranchi Jurisdiction Only.
4. Sample will be discarded after 15 days from the issue date of the test report.

<i>Chameli</i> 16/04/2024 Chameli Soren		<i>Kumari Soni Mehta</i> 16/04/2024 Kumari Soni Mehta
Tested by		Issued by (Authorized Signatory)

Authorized Signatory
Gems Project Pvt. Ltd.

(Environmental Laboratory Division) Page 1 of 2

*** End of Test report***





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33

TEST REPORT

Issued to: M/s Regional Officer Dumka Dist- Dumka (Jharkhand)		Job Registration ID ULR Number Date of Issue Type of Industries Sample Description	G/JRN/240412/CH-01 ----- 16-04-2024 ----- Ganga River
Sample Code	G/240412/SW-05	Sampling Date	09-04-2024
Sample Quantity	2500ml	Sampling Location	At-Samds Nals, Dist- SBG
Sample receiving date	12-04-2024	Sample collected by	JSPCB (Dumka)
Sample pkg. condition	Sealed in PP Bottle	Sampling Protocol	-----
Test Start Date	12-04-2024	Test Completion Date	16-04-2024

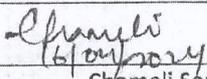
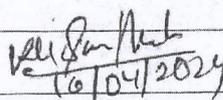
RESULT

Sl. No.	Parameter	Test Method	Unit	Result	Permissible limit
1.	Biochemical Oxygen Demand (BOD) @ 27°C for 3 days	IS:3025 Part-44:1993,RA-2021	mg/l	1.8	03
2.	Oil & Grease @ 70°C	IS:3025 Part-39:2021	mg/l	BDL	---
3.	Total Solid @105 °C	IS:3025 Part-15:1984	mg/l	391.0	--
4.	TDS @180 °C	IS:3025 Part-16:1984 (Total Dissolved Solid Dried at 180 °C)	mg/l	312.0	500
5.	Electrical Conductivity	IS:3025 Part-14:2013,RA-2019	µs/cm	452.17	--

Remarks: - BDL- Below Detectable Limit.

Note: - On the basis of the tested parameters, sample complies with the requirement of Ganga water according to IS 2296:1992.

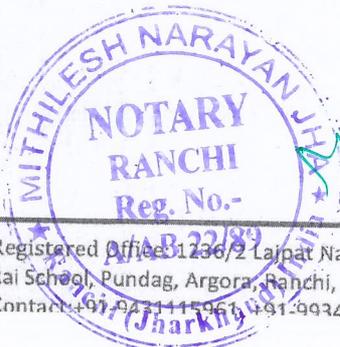
1. Results relate only to the items sampled and tested.
2. The report shall not be reproduced except in full without approval of the laboratory.
3. Any dispute is subject to Ranchi Jurisdiction Only.
4. Sample will be discarded after 15 days from the issue date of the test report.

 Chameli Soren Tested by		 Kumari Soni Mehta Issued by (Authorized Signatory)
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*** End of Test report ***

Lab In-Charge
Gems Projects Pvt. Ltd

Page 2 of 2



Registered Office: 1236/2 Lajpat Nagar, Near Lala Lajpat Rai School, Pundag, Argora, Ranchi, Jharkhand-834004
Contact: +91-9231115961, +91-9934307900

Laboratory Address: Harhi Road, Vil-Katarpa, Piska Nagri, Jharkhand-835303 Contact: +91-9508707378, +91-7903208990
E-mail: gemslab17@gmail.com



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Certificate No.-TC-11067

34

TEST REPORT

Issued to: M/s Regional Officer Dumka Dist- Dumka (Jharkhand)		Job Registration ID	G/JRN/240412/CH-01
		Sample receiving date	12-04-2024
		Date of Issue	16-04-2024
		Type of Industries	-----
		Sample Description	Ganga River
		Sampling Date	09-04-2024
Sample Code	G/2403412/SW-06	Sampling Location	At-Suker Bazaar Gaht, Dist- SBG
Sample Quantity	2500ml	Sample collected by	JSPCB (Dumka)
Sample pkg. condition	Sealed in PP Bottle	Sampling Protocol	-----
Test Start Date	12-04-2024	Test Completion Date	16-04-2024
ULR Number	TC 1 1 0 6 7 2 4 0 0 0 0 0 0 0 0 0 1 9 F		

RESULT

Sl. No.	Parameter	Test Method	Unit	Result	Permissible limit
1	Total Suspended Solid (TSS) @ 105°C	IS:3025 Part-17:2022 (Total Suspended Solid Dried at 103- 105 °C)	mg/l	12.0	---
2	Chemical Oxygen Demand (COD) @ 150°C	IS:3025 Part-58:2023 (Open Reflux Method)	mg/l	9.8	---
3	Turbidity	IS:3025 Part-10:2023	NTU	1.2	---

Remarks: - BDL- Below Detectable Limit.

Note: - On the basis of the tested parameters, sample complies with the requirement of Ganga water according to IS 2296:1992.

1. Results relate only to the items sampled and tested.
2. The report shall not be reproduced except in full without approval of the laboratory.
3. Any dispute is subject to Ranchi Jurisdiction Only.
4. Sample will be discarded after 15 days from the issue date of the test report.

Chameli 16/04/2024 Chameli Soren		Kumari Soni Mehta 16/04/2024
Tested by		Issued by (Authorized Signatory)

**Authorized Signatory
Gems Project Pvt. Ltd.**

*** End of Test report*** (Environmental Laboratory Division) page 1 of 2



35



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TEST REPORT

Issued to: M/s Regional Officer Dumka Dist- Dumka (Jharkhand)		Job Registration ID	G/JRN/240412/CH-01
		ULR Number	-----
		Date of Issue	16-04-2024
		Type of Industries	-----
		Sample Description	Ganga River
Sample Code	G/240412/SW-06	Sampling Date	09-04-2024
Sample Quantity	2500ml	Sampling Location	At-Suker Bazzar Gaht, Dist- SBG
Sample receiving date	12-04-2024	Sample collected by	JSPCB (Dumka)
Sample pkg. condition	Sealed in PP Bottle	Sampling Protocol	-----
Test Start Date	12-04-2024	Test Completion Date	16-04-2024

RESULT

Sl. No.	Parameter	Test Method	Unit	Result	Permissible limit
1.	Biochemical Oxygen Demand (BOD) @ 27°C for 3 days	IS:3025 Part-44:1993,RA-2021	mg/l	1.4	03
2.	Oil & Grease @ 70°C	IS:3025 Part-39:2021	mg/l	BDL	---
3.	Total Solid @105 °C	IS:3025 Part-15:1984	mg/l	334.0	--
4.	TDS @180 °C	IS:3025 Part-16:1984 (Total Dissolved Solid Dried at 180 °C)	mg/l	276.0	500
5.	Electrical Conductivity	IS:3025 Part-14:2013,RA-2019	µs/cm	467.80	--

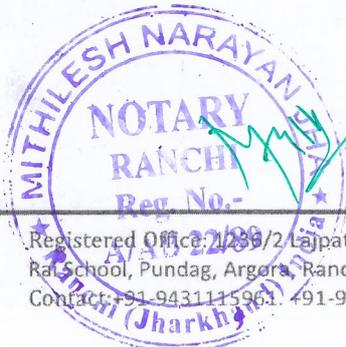
Remarks: - BDL- Below Detectable Limit.

Note: - On the basis of the tested parameters, sample complies with the requirement of Ganga water according to IS 2296:1992.

1. Results relate only to the items sampled and tested.
2. The report shall not be reproduced except in full without approval of the laboratory.
3. Any dispute is subject to Ranchi Jurisdiction Only.
4. Sample will be discarded after 15 days from the issue date of the test report.

<i>Chameli</i> 16/04/2024 Chameli Soren		<i>Kumari Sohi Mehta</i> 16/04/2024 Kumari Sohi Mehta
Tested by		Issued by (Authorized Signatory)

Lab In-Charge
Gems Projects Pvt. Ltd





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Certificate No.-TC-11067

36

TEST REPORT

Issued to: M/s Regional Officer Dumka Dist- Dumka (Jharkhand)		Job Registration ID	G/JRN/240412/CH-01									
		Sample receiving date	12-04-2024									
		Date of Issue	16-04-2024									
		Type of Industries	-----									
		Sample Description	Ganga River									
Sample Code	G/2403412/SW-07	Sampling Date	09-04-2024									
Sample Quantity	2500ml	Sampling Location	At-Suksenaghat, Dist- SBG									
Sample pkg. condition	Sealed in PP Bottle	Sample collected by	JSPCB (Dumka)									
Test Start Date	12-04-2024	Sampling Protocol	-----									
ULR Number	TC 1 1 0 6 7 2 4 0 0 0 0 0 0 0 2 0 F	Test Completion Date	16-04-2024									

RESULT

Sl. No.	Parameter	Test Method	Unit	Result	Permissible limit
1	Total Suspended Solid (TSS) @ 105°C	IS:3025 Part-17:2022 (Total Suspended Solid Dried at 103- 105 °C)	mg/l	11.0	---
2	Chemical Oxygen Demand (COD) @ 150°C	IS:3025 Part-58:2023 (Open Reflux Method)	mg/l	10.8	---
3	Turbidity	IS:3025 Part-10:2023	NTU	1.9	---

Remarks: - BDL- Below Detectable Limit.

Note: - On the basis of the tested parameters, sample complies with the requirement of Ganga water according to IS 2296:1992.

1. Results relate only to the items sampled and tested.
2. The report shall not be reproduced except in full without approval of the laboratory.
3. Any dispute is subject to Ranchi Jurisdiction Only.
4. Sample will be discarded after 15 days from the issue date of the test report.

<p><i>Chameli</i> 16/04/2024 Chameli Soren Tested by</p>		<p><i>Kumar Soni Mehta</i> 16/04/2024 Kumar Soni Mehta Issued by (Authorized Signatory)</p>
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Authorized Signatory
Gems Project Pvt. Ltd

End of Test report (Environmental Laboratory Division) Page 1 of 2





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37

TEST REPORT

Issued to: M/s Regional Officer Dumka Dist- Dumka (Jharkhand)		Job Registration ID	G/JRN/240412/CH-01
		ULR Number	-----
		Date of Issue	16-04-2024
		Type of Industries	-----
		Sample Description	Ganga River
Sample Code	G/240412/SW-07	Sampling Date	09-04-2024
Sample Quantity	2500ml	Sampling Location	At-Suksenaghat, Dist- SBG
Sample receiving date	12-04-2024	Sample collected by	JSPCB (Dumka)
Sample pkg. condition	Sealed in PP Bottle	Sampling Protocol	-----
Test Start Date	12-04-2024	Test Completion Date	16-04-2024

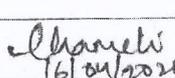
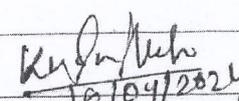
RESULT

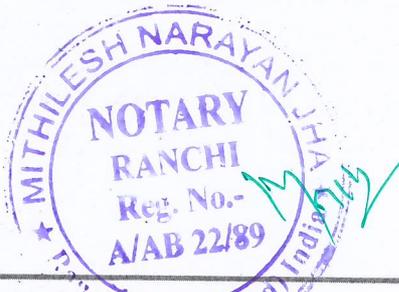
Sl. No.	Parameter	Test Method	Unit	Result	Permissible limit
1.	Biochemical Oxygen Demand (BOD) @ 27°C for 3 days	IS:3025 Part-44:1993,RA-2021	mg/l	1.7	03
2.	Oil & Grease @ 70°C	IS:3025 Part-39:2021	mg/l	BDL	---
3.	Total Solid @ 105 °C	IS:3025 Part-15:1984	mg/l.	301.0	--
4.	TDS @ 180 °C	IS:3025 Part-16:1984 (Total Dissolved Solid Dried at 180 °C)	mg/l	224.0	500
5.	Electrical Conductivity	IS:3025 Part-14:2013,RA-2019	µs/cm	367.21	--

Remarks: - BDL- Below Detectable Limit.

Note: - On the basis of the tested parameters, sample complies with the requirement of Ganga water according to IS 2296:1992.

1. Results relate only to the items sampled and tested.
2. The report shall not be reproduced except in full without approval of the laboratory.
3. Any dispute is subject to Ranchi Jurisdiction Only.
4. Sample will be discarded after 15 days from the issue date of the test report.

 Chamelli Soren Tested by		 Kumari Sori Mehta Issued by (Authorized Signatory)
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Lab In-Charge
Gems Projects Pvt. Ltd



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38

TEST REPORT

Issued to: M/s Regional Officer Dumka Dist- Dumka (Jharkhand)		Job Registration ID	G/JRN/240412/CH-01
		Sample receiving date	12-04-2024
		Date of Issue	16-04-2024
		Type of Industries	-----
		Sample Description	Ganga River
		Sampling Date	09-04-2024
Sample Code	G/2403412/SW-08	Sampling Location	At-Garamghat, Dist- SBG
Sample Quantity	2500ml	Sample collected by	JSPCB (Dumka)
Sample pkg. condition	Sealed in PP Bottle	Sampling Protocol	-----
Test Start Date	12-04-2024	Test Completion Date	16-04-2024
ULR Number	TC 1 1 0 6 7 2 4 0 0 0 0 0 0 0 0 2 1 F		

RESULT

Sl. No.	Parameter	Test Method	Unit	Result	Permissible limit
1	Total Suspended Solid (TSS) @ 105 °C	IS:3025 Part-17:2022 (Total Suspended Solid Dried at 103- 105 °C)	mg/l	18.0	---
2	Chemical Oxygen Demand (COD) @ 150°C	IS:3025 Part-58:2023 (Open Reflux Method)	mg/l	10.5	---
3	Turbidity	IS:3025 Part-10:2023	NTU	2.2	---

Remarks: - BDL- Below Detectable Limit.

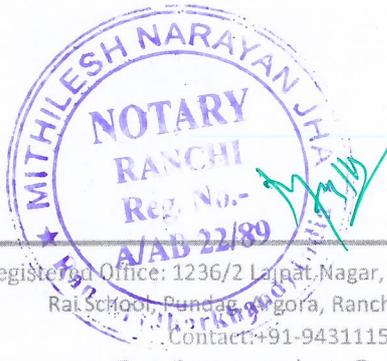
Note: - On the basis of the tested parameters, sample complies with the requirement of Ganga water according to IS 2296:1992.

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3. Any dispute is subject to Ranchi Jurisdiction Only.
4. Sample will be discarded after 15 days from the issue date of the test report.

 16/04/2024 Chameli Soren Tested by	 Environmental Laboratory Division	 16/04/2024 Kumari Sori Mehta Issued by (Authorized Signatory)
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Authorized Signatory
Gems Project Pvt Ltd.

*** End of Test report***(Environmental Laboratory Division) Page 1 of 2





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(ENVIRONMENTAL LABORATORY DIVISION)

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39

TEST REPORT

Issued to: M/s Regional Officer Dumka Dist- Dumka (Jharkhand)		Job Registration ID	G/JRN/240412/CH-01
		ULR Number	-----
		Date of Issue	16-04-2024
		Type of Industries	-----
		Sample Description	Ganga River
Sample Code	G/240412/SW-08	Sampling Date	09-04-2024
Sample Quantity	2500ml	Sampling Location	At-Garamghat, Dist- SBG
Sample receiving date	12-04-2024	Sample collected by	JSPCB (Dumka)
Sample pkg. condition	Sealed in PP Bottle	Sampling Protocol	-----
Test Start Date	12-04-2024	Test Completion Date	16-04-2024

RESULT

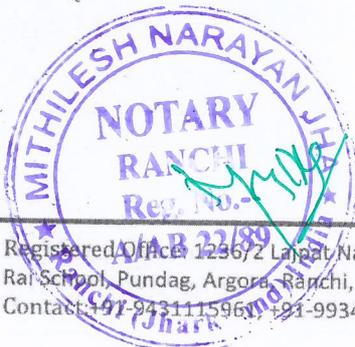
Sl. No.	Parameter	Test Method	Unit	Result	Permissible limit
1.	Biochemical Oxygen Demand (BOD) @ 27°C for 3 days	IS:3025 Part-44:1993,RA-2021	mg/l	1.6	03
2.	Oil & Grease @ 70°C	IS:3025 Part-39:2021	mg/l	BDL	---
3.	Total Solid @105 °C	IS:3025 Part-15:1984	mg/l	356.0	--
4.	TDS @180 °C	IS:3025 Part-16:1984 (Total Dissolved Solid Dried at 180 °C)	mg/l	258.0	500
5.	Electrical Conductivity	IS:3025 Part-14:2013,RA-2019	µs/cm	373.91	--

Remarks: - BDL- Below Detectable Limit.

Note: - On the basis of the tested parameters, sample complies with the requirement of Ganga water according to IS 2296:1992.

1. Results relate only to the items sampled and tested.
2. The report shall not be reproduced except in full without approval of the laboratory.
3. Any dispute is subject to Ranchi Jurisdiction Only.
4. Sample will be discarded after 15 days from the issue date of the test report.

<i>Chameli</i> 16/04/2024		<i>Kumari Sori Mehta</i> 16/04/2024
Chameli Sorer		Kumari Sori Mehta
Tested by		Issued by (Authorized Signatory)



Lab In-Charge
Gems Projects Pvt. Ltd

Page 2 of 2

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E-mail: gems17@gmail.com