



PHEET LAB PRIVATE LIMITED

ISO 45001:2018, ISO/IEC 17025:2017 Certified & NABL Accredited Lab

Recognized As Environmental Laboratory by MOEFCC, Govt of India Under Environment Protection Act 1986,
issued vide letter No.-LB/99/7/2021-INST LAB-HO-CPCB-HO/Pvt-1032 Dated 30 Aug. 2024

Testing of Water/Waste Water/Ambient Air/Stack Emission & Noise
under 01 Roof, Located in Bhagirathi Lane, Opposite Malaria Control Office, Ashok Rajpath, Mahendru, Patna-800006

Email - pheetlab@gmail.com / sharma.chandrabhan9@gmail.com

Mob. - 9065103567 / 9546991814

Test Report				
Sample/Report No.- TC-136692600001419F			Report Issue Date:- 26/08/2026	
Sample ID-PLPL/WW/1419				
Company Name & Address:- Executive Engineer Civil All India Institute Of Medical Science,Deoghar				
Description of Sample:- Raw Waste Water				
Sample Location- STP Inlet				
Sample Collected By Customer				
Sample Receiving Date:-20/08/2026				
Date of Analysis:- 20/08/2026 To 25/05/2026				
Sr.No.	Test Parameters	Unit Of mesurement	Results	Method reference
1	PH	—	7.42	IS:3025(Part-11)
2	Bio Chemical Oxygen Demand as BOD	mg/l	68	IS:3025(Part-44)
3	Chemical Oxygen Demand as COD	mg/l	120	IS:3025(Part-58)
4	Suspended Solid as SS	mg/l	106.4	IS:3025(Part-17)
5	Ammonical Nitrogen	mg/l	16.8	IS:3025(Part-34)
6	Total Kjeldahl Nitrogen as TKN	mg/l	32.9	IS:3025(Part-34)
7	Fecal Coliform	MPN/100ml	>1600	Apha 24th Ed 9221
End Of The Test Report				PG 1/1

Tested By
Chemist

Tested By
Microbiologist

- Note :
1. Test Reports are Valid for the Samples Tested in our Lab
 2. Water/Waste Water Samples Would be preserved/stored in our lab, for next 15 Days since the receiving date, thereafter, would be disposed off.
 3. Samples Tested are not returnable, unless stated for
 4. Test Report are not valid for Judicial Purpose
 5. In case of any Dispute, it would be the subject of Patna Jurisdiction

Approved & issued by
Dr. C.B. Sharma
CMD cum TM



PHEET Emblem



TC-13669

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Test Report

Sample/Report No.- TC-136692600001420F

Report Issue Date:- 26/08/2026

Sample ID-PLPL/WW/1420

Company Name & Address:- Executive Engineer Civil All India Institute Of Medical Science,Deoghar

Description of Sample:- Treated Waste Water

Sample Location- STP Outlet

Sample Collected By Customer

Sample Receiving Date:- 20/08/2026

Date of Analysis:- 20/08/2026 To 25/08/2026

Sr.No.	Test Parameters	Unit Of measurement	Limit	Results	Method reference
1	PH	-	6.5-8.5	8.16	IS:3025(Part-11)
2	Bio Chemical Oxygen Demand as BOD	mg/l	< 10	4	IS:3025(Part-44)
3	Chemical Oxygen Demand as COD	mg/l	< 50	12	IS:3025(Part-58)
4	Suspended Solid as SS	mg/l	< 10	BDL (DL 4)	IS:3025(Part-17)
5	Ammonical Nitrogen	mg/l	< 5	0.85	IS:3025(Part-34)
6	Total Kjeldahl Nitrogen as TKN	mg/l	< 5	1.68	IS:3025(Part-34)
7	Fecal Coliform	MPN/100ml	<100 MPN/100ml	70	Apha 24th Ed 9221

BDL- Below Detection Limit, DL- Detection Limit

End Of The Test Report

PG 1/1

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TEST REPORT

ULR No. TC-136692600001422F

Report Issue Date:- 26/08/2026

Sample ID-PLPL/W/1422

Name & Address:- Executive Engineer Civil All India Institute Of Medical Science,Deoghar

Description of Sample :-Drinking water (Raw)

Sample Collected By Customer

Sample Receiving Date:-20/08/2026

Date of Analysis:- 20/08/2026 To 25/08/2026

Sr.No.	Test Parameters	Units Of Measurements	Acceptable Limit As Per IS 10500 :2012	Permissible Limit in The Absence Of Alternate Source	Result	Protocol
1	pH		6.5 To 8.5	NR	7.19	IS:3025(P-11)
2	Temperature	°C	NA		28.7	Apha 24th Ed.2550-B:2023
3	Taste	Qualitative	Agreeable		Agreeable	IS:3025(P-8)
4	Colour	Hezen	5	15	BDL(DL 4)	IS:3025(P-4)
5	Odour	Qualitative	Agreeable		Agreeable	IS:3025(P-5)
6	Turbidity	NTU	1	5	0.3	IS:3025(P-10)
7	TDS	Mg/l	500	2000	240	IS:3025(P-16)
8	Conductivity	mhos/cm	770	2500	360	IS:3025(P-14)
9	Calcium as Ca	Mg/l	75	200	35.84	IS:3025(P-40)
10	Magnesium as Mg	Mg/l	30	100	28.56	IS:3025(P-46)
11	Total Hardness as CaCO ₃	Mg/l	200	600	175.48	IS:3025(P-21)
12	Alkainity as CaCO ₃	Mg/l	200	600	162.94	IS:3025(P-23)
13	Chloride as Cl	Mg/l	250	1000	22.36	IS:3025(P-32)
14	Sulphate as SO ₄	Mg/l	200	400	10.88	IS:3025(P-24)
15	Nitrate as N	Mg/l	45	NR	4.63	IS:3025(P-34)
16	Fluoride as F	Mg/l	1	1.5	0.26	Apha24th ED.(Ion Electrode Method)
17	Free Residual Chlorine	Mg/l	0.2	1	BDL(DL 0.1)	IS:3025(P-26)
18	Arsenic	Mg/l	0.01	0.05	BDL(DL 0.01)	Apha 24th Ed.3114-B:2023
19	Iron as Fe	Mg/l	0.3	NR	0.16	IS:3025(P-53)
20	Coliform	/100 ml	Shall Not Be Detectable In Any 100 ml Sample		Absent	IS:15185
21	E. Coli	/100 ml			Absent	IS:15185

REMARKS

Tested all parameters are within Acceptable limit as per IS:10500-2012

End of the test report

Pg1/1

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TEST REPORT

ULR No. TC-136692600001421F

Report Issue Date:- 26/08/2026

Sample ID-PLPL/W/1421

Name & Address:- Executive Engineer Civil All India Institute Of Medical Science,Deoghar

Description of Sample :-Drinking water (Treated)

Sample Collected By Customer

Sample Receiving Date:-20/08/2026

Date of Analysis:- 20/08/2026 To 25/08/2026

Sr.No.	Test Parameters	Units Of Measurements	Acceptable Limit As Per IS 10500 :2012	Permissible Limit in The Absence Of Alternate Source	Result	Protocol
1	pH		6.5 To 8.5	NR	7.11	IS:3025(P-11)
2	Temperature	°C	NA		28.6	Apha 24th Ed.2550-B:2023
3	Taste	Qualitative	Agreeable		Agreeable	IS:3025(P-8)
4	Colour	Hezen	5	15	BDL(DL 4)	IS:3025(P-4)
5	Odour	Qualitative	Agreeable		Agreeable	IS:3025(P-5)
6	Turbidity	NTU	1	5	0.1	IS:3025(P-10)
7	TDS	Mg/l	500	2000	110	IS:3025(P-16)
8	Conductivity	mhos/cm	770	2500	160	IS:3025(P-14)
9	Calcium as Ca	Mg/l	75	200	16.47	IS:3025(P-40)
10	Magnesium as Mg	Mg/l	30	100	14.62	IS:3025(P-46)
11	Total Hardness as CaCO ₃	Mg/l	200	600	83.16	IS:3025(P-21)
12	Alkainity as CaCO ₃	Mg/l	200	600	81.18	IS:3025(P-23)
13	Chloride as Cl	Mg/l	250	1000	13.56	IS:3025(P-32)
14	Sulphateas SO ₄	Mg/l	200	400	8.55	IS:3025(P-24)
15	Nitrate as N	Mg/l	45	NR	1.58	IS:3025(P-34)
16	Fluoride as F	Mg/l	1	1.5	0.06	Apha24th ED.(Ion Electrode Method)
17	Free Residual Chlorine	Mg/l	0.2	1	BDL(DL 0.1)	IS:3025(P-26)
18	Arsenic	Mg/l	0.01	0.05	BDL(DL 0.01)	Apha 24th Ed.3114-B:2023
19	Iron as Fe	Mg/l	0.3	NR	0.06	IS:3025(P-53)
20	Coliform	/100 ml	Shall Not Be Detectable In Any 100 ml Sample		Absent	IS:15185
21	E. Coli	/100 ml			Absent	IS:15185

REMARKS

Tested all parameters are within Acceptable limit as per IS:10500-2012

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AB PRIVATE LIMITED
Approved & issued by
Dr. C.B. Sharma
CMD cum TM

AN ISO 9001:2015 CERTIFIED LABORATORY
TEST REPORT
Format No: TQS/FM/45

Agency Name	M/S CHEM ECO ENGINEERS PRIVATE LIMITED		
Agency address with contact no.	Plot No.- 3/COM – 1/27, Flat No. – 206, Shiv Kripa Enclave, Ambedkar Puram Awas Vikas 3, Kanpur, Kanpur Nagar, Uttar Pradesh - 208017		
Sample identification No.	TQS/26/07/STP/004	Date of receipt of sample	01/07/2026
Sample description	Waste Water	Date of Casting	NA
Sample condition	Sealed in plastic bottle	Sampling method & Plan	NA
Sample quantity	1 Ltr.	Mode of Sampling	NA
Sampling Location	Outlet - AIIMS Deoghar	Date of testing	02-07-2026 to 04-07-2026
Sample Collected by	Client	Date of issue of test report	06-07-2026
Job Reference No.	NA	Environmental Condition	Temp. (°C): 32.4°C Humidity (RH%): 34%
Location where tests are performed	At Laboratory	Test Report Number	TQS08062026N004

S. No.	Test Parameters	Unit	Test Method	Result	Requirement as per Latest CPCB (For Irrigation Land)
1.	pH value	---	IS: 3025 (pt-11)	7.28	6.5 – 8.5
2.	Total Suspended Solid	Mg/l	IS: 3025 (pt-17)	7.3	≤ 10
3.	BOD	Mg/l	IS: 3025 (pt-44)	6.0	≤ 10
4.	COD	Mg/l	IS: 3025 (pt-58)	31.0	≤ 50
5.	Oil and Grease	Mg/l	IS: 3025 (pt-39)	8.1	≤ 10
6.	Fecal Coliform	MPN/100ml	IS: 1622	37.4	≤ 100

Remark: According to tested parameter, the results found beyond the prescribe limit (bold text of result) of Waste Water specification IS 2490:1974.

*****End of Report*****

Pritam Kumar Mahto
Report Reviewed by:

Name: Pritam Kumar Mahto

Designation: Technical Manager



Shivam Kumar

Authorised Signatory:

Name: Shivam Kumar

Designation: Director

Disclaimer: The test results relate only to the particular sample are tested; all tests are based on as per standard test method; Sample are not drawn by us; Any discrepancy in this test report should be brought to "notice within 15 days from the date of report issued. The test report shall not be reproduced except in full without the written permission of head of the laboratory.

- The sample will be retained only for one month upon receipt of written request by customer.
- The results listed refers only to tested sample and applicable parameters product endorsement is neither inferred nor implied.
- The report can't be used as an evidence in the court of law, without written approval of laboratory.
- This report can't be reproduced except in full without prior written approval from the laboratory director.
- All disputes subject to ranchi jurisdiction only.
- The reports refers to the sample submitted to us and not drawn by unless mentioned otherwise.

HOUSE NO.- 25, KURUWA, DUMKA RAMPURHAT ROAD (NEAR DUMKA AIRPORT) PIN-814119 (JHARKHAND)
EMAIL : technodumka@gmail.com Mob:- 7859027995, 7903419643



AN ISO 9001:2015 CERTIFIED LABORATORY

TEST REPORT

Format No: TQS/FM/45

Agency Name	M/S CHEM ECO ENGINEERS PRIVATE LIMITED		
Agency address with contact no.	Plot No.- 3/COM – 1/27, Flat No. – 206, Shiv Kripa Enclave, Ambedkar Puram Awas Vikas 3, Kanpur, Kanpur Nagar, Uttar Pradesh - 208017		
Sample identification No.	TQS/26/07/STP/003	Date of receipt of sample	01/07/2026
Sample description	Waste Water	Date of Casting	NA
Sample condition	Sealed in plastic bottle	Sampling method & Plan	NA
Sample quantity	1 Ltr.	Mode of Sampling	NA
Sampling Location	Inlet - AIIMS Deoghar	Date of testing	02-07-2026 to 04-07-2026
Sample Collected by	Client	Date of issue of test report	06-07-2026
Job Reference No.	NA	Environmental Condition	Temp. (°C): 32.4°C Humidity (RH%): 34%
Location where tests are performed	At Laboratory	Test Report Number	TQS08062026N003

S. No.	Test Parameters	Unit	Test Method	Result	Requirement as per Latest CPCB (For Irrigation Land)
1.	pH value	---	IS: 3025 (pt-11)	6.81	6.5 – 8.5
2.	Total Suspended Solid	Mg/l	IS: 3025 (pt-17)	312	≤ 10
3.	BOD	Mg/l	IS: 3025 (pt-44)	229	≤ 10
4.	COD	Mg/l	IS: 3025 (pt-58)	652	≤ 50
5.	Oil and Grease	Mg/l	IS: 3025 (pt-39)	29	≤ 10
6.	Fecal Coliform	MPN/100ml	IS: 1622	10 ⁶	≤ 100

Remark: According to tested parameter, the results found beyond the prescribe limit (bold text of result) of Waste Water specification IS 2490:1974.

*****End of Report*****

Pritam Kumar Mahto

Report Reviewed by:

Name: Pritam Kumar Mahto

Designation: Technical Manager



Shivam Kumar

Authorised Signatory:

Name: Shivam Kumar

Designation: Director

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