



R. V. BRIGGS & CO. PRIVATE LTD.

ANALYTICAL CONSULTING & TECHNICAL CHEMISTS

(AN ISO 9001:2015 & ISO 45001 : 2018 CERTIFIED COMPANY)

TAHER MANSION, 1ST FLOOR

9, BENTINCK STREET, KOLKATA - 700 001

Phone : (033) 4044-3380/3381/3382 / 3383, Website : www.rvbriggs.com

E-mail : rvbriggs.kolkata@gmail.com, info@rvbriggs.com

CIN : U51109WB1931PTC007007



TC-12347

TEST REPORT

Certificate No.E(D)/25-26/1054

Issue Date: 17 September 2025

Page 1 of 2

Certificate No.E(D)/25-26/1054

Issued to	: M/s. NABA DIGANTA WATER MANAGEMENT LTD. (A Joint Venture of Tata Steel Utilities & Infrastructure Services Ltd., & Voltas) GN-11-19, Sector-V, Salt Lake, Kolkata-700091	
Your Ref. No.	: PO No.: 4600000026	
Description of Sample	: Influent (Raw Sewage)	
Sample ID No	: E(D)/25-26/1054	
Name of Industries / Site	: Naba Diganta Water Management Ltd. GN-11-19, Sector-V, Salt Lake, Kolkata-700091	
Collection Source	: 8.3 MLD STP (Inlet Chamber)	
Sample Drawn by us on	: 12.09.2025 at 1:15 P.M.	
Sample Carried out by	: Mr. P.Paul	
Sampling Plan	: RVB/FM/45	
Analysis Started on	: 12.09.2025	<u>Parameter Tested:</u> pH, TSS, O & G, BOD, COD, AN, TKN & P
Analysis completed on	: 17.09.2025	
Sample collection Procedure	: APHA 24th Edition 1060	
Mode of Sampling	: Grab	
Environmental condition during sampling	: Temperature : 27°C, Transported in Ice box, Cold chain maintained	

TEST FINDINGS:

Sl. No.	Test Parameters	Test Method	Unit	Results
1	pH Value	APHA 24th edition 4500 -H +B	..	7.01
2	Total Suspended solids (TSS)	APHA 24th edition 2540D	mg/l	38
3	Oil and Grease (O & G)	APHA 24th edition 5520B	mg/l	5.8
4	Biochemical Oxygen Demand for 3 days at 27°C (BOD)	I.S. 3025 (Part – 44) – 2023	mg/l	90
5	Chemical Oxygen Demand (COD)	APHA 24th edition 5220B	mg/l	226
6	Ammoniacal Nitrogen (AN) as N	APHA 24th edition 4500 NH3 F	mg/l	2.8
7	Total Kjeldahl Nitrogen (TKN) as N	APHA 24th edition 4500-Norg B	mg/l	3.1
8	Total Phosphate as P	APHA 24th edition 4500F-PD	mg/l	2.36

Report Verified by

Reviewed & Authorised by

Dy. Technical Manager

Authorised Signatory

For R.V. BRIGGS & CO. (P) LTD.

-. END OF TEST REPORT:-

- ★ The test report shall not be reproduced, except in full, without written approval of the Company.
- ★ Results relate only to the parameters of the item tested.



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Description of Sample	: Influent (Raw Sewage)			
Sample ID No	: E(D)/25-26/1054			
Name of Industries / Site	: Naba Diganta Water Management Ltd. GN-11-19, Sector-V, Salt Lake, Kolkata-700091			
Collection Source	: 8.3 MLD STP (Inlet Chamber)			
Sample Drawn by us on	: 12.09.2025 at 1:15 P.M.			
Sample Carried out by	: Mr. P.Paul			
Sampling Plan	: RVB/FM/45			
Analysis Started on	: 12.09.2025	Parameter Tested:		
Analysis Completed on	: 16.09.2025	Microbiological: Faecal Coliform		
Sample collection Procedure	: APHA 24th Edition 9060			
Mode of Sampling	: Grab			
Environmental condition during sampling	: Temperature : 27°C, Transported in Ice box, Cold chain maintained			
<u>MICROBIOLOGICAL TEST FINDINGS:</u>				
Sl. No.	Test Parameters	Test Method	Unit	Results
1	Faecal Coliform	APHA 24th Edition 9221E	MPN/ 100 ml.	14,000

Report Verified by

Reviewed & Authorised by

(Pijush Kanti Dutta)

Sr. Microbiologist

Authorised Signatory

For R.V. BRIGGS & CO. (P) LTD.

-: END OF TEST REPORT:-



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Your Ref. No.	: PO No.: 4600000026	
Description of Sample	: Effluent	
Sample ID No	: E(D)/25-26/1055	
Name of Industries / Site	: Naba Diganta Water Management Ltd. GN-11-19, Sector-V, Salt Lake, Kolkata-700091	
Collection Source	: 8.3 MLD STP Outlet	
Sample Drawn by us on	: 12.09.2025 at 1:25 P.M.	
Sample Carried out by	: Mr. P.Paul	
Sampling Plan	: RVB/FM/45	
Analysis Started on	: 12.09.2025	<u>Parameter Tested:</u> pH, TSS, O & G, BOD, COD, AN, TKN & P
Analysis completed on	: 17.09.2025	
Sample collection Procedure	: APHA 24th Edition 1060	
Mode of Sampling	: Grab	
Environmental condition during sampling	: Temperature : 29°C, Transported in Ice box, Cold chain maintained	

TEST FINDINGS:

Sl. No.	Test Parameters	Test Method	Unit	Results	Limit as per Environmental Protection Act, MOE & F for Effluent discharged into Inland surface water
1	pH Value	APHA 24th edition 4500 -H +B	..	7.45	5.5 – 9.0
2	Total Suspended solids (TSS)	APHA 24th edition 2540D	mg/l	21	100 (Max.)
3	Oil and Grease (O & G)	APHA 24th edition 5520B	mg/l	< 2	10 (Max.)
4	Biochemical Oxygen Demand for 3 days at 27°C (BOD)	I.S. 3025 (Part – 44) – 2023	mg/l	14	30 (Max.)
5	Chemical Oxygen Demand (COD)	APHA 24th edition 5220B	mg/l	36	250 (Max.)
6	Ammoniacal Nitrogen (AN) as N	APHA 24th edition 4500 NH3 F	mg/l	0.6	50 (Max.)
7	Total Kjeldahl Nitrogen (TKN) as N	APHA 24th edition 4500-Norg B	mg/l	0.7	100 (Max.)
8	Total Phosphate as P	APHA 24th edition 4500F-PD	mg/l	1.47	5.0 (Max.)

Remarks: The sample of Effluent complies with Environmental Protection Act, MOE & F for effluent discharged into Inland Surface water in respect of above mentioned parameters.

Note: Minimum Detection Limit of O & G .. 2 mg/l.

Report Verified by

Reviewed & Authorised by

(J.Das)

Dy. Technical Manager

Authorised Signatory

For R.V. BRIGGS & CO. (P) LTD.

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Sample ID No	:	E(D)/25-26/1055	
Name of Industries / Site	:	Naba Diganta Water Management Ltd. GN-11-19, Sector-V, Salt Lake, Kolkata-700091	
Collection Source	:	8.3 MLD STP Outlet	
Sample Drawn by us on	:	12.09.2025 at 1:25 P.M.	
Sample Carried out by	:	Mr. P.Paul	
Sampling Plan	:	RVB/FM/45	
Analysis Started on	:	12.09.2025	<u>Parameter Tested:</u> Microbiological: Faecal Coliform
Analysis Completed on	:	16.09.2025	
Sample collection Procedure	:	APHA 24th Edition 9060	
Mode of Sampling	:	Grab	
Environmental condition during sampling	:	Temperature : 29°C, Transported in Ice box, Cold chain maintained	

MICROBIOLOGICAL TEST FINDINGS:

Sl. No.	Test Parameters	Test Method	Unit	Results	Limit as per Environmental Protection Act, MOE & F for Effluent discharged
1	Faecal Coliform	APHA 24th Edition 9221E	MPN/100 ml.	700	1000 (Max.)

Remarks: The sample of Effluent complies with Environmental Protection Act, MOE & F for effluent discharged in respect of above mentioned parameter.

Report Verified by

Reviewed & Authorised by

(Pijush Kanti Dutta)

Sr. Microbiologist

Authorised Signatory

For R.V. BRIGGS & CO. (P) LTD.

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