JAMNAGAR MUNICIPAL CORPORATION

- **Soil Sample (TCLP) - Sample 2 –Black colour soil sample**

TEST REPORT

Test Report Number	PL/SS/20250118105		
Customer Name & Address	SAURASHTRA ENVIRO PROJECTS PVT. LTD Plot No. 333 P/20 & P/21, Gulab Near Dumping Yard, Jamnagar- 361007 (Gujarat.)	Issue Date	February 22, 2025
Customer Ref. No & Date	NA		
Part A: SAMPLE PARTICULARS			
Sample Name	Soil Sample 2		
Sample Description	Black Color Soil		
Sample Quantity	500 gm	Packing	Zip Bag
Sample Collection Date	12/02/2025	Sample Receipt Date	13/02/2025
Analysis Start Date	13/02/2025	Analysis Completion Date	20/02/2025
Part B: SAMPLING DETAILS			
Sample Collection	Collected By Us	Sampling Procedure	--
Sampling Location	NA		
Any Other Information	NA		

Part C: TEST RESULTS

Sr. No.	Test Parameters	Unit	Results	Test Method6	Minimum Detection Limits
1.	Organic Matter	%	3.56	DA&CMAGI	NS
	Grain Size Distribution	-		-	-
2.	Sand	%	71.47	IS 2720(Part 4)1985	NS
3.	Silt	%	3.41	IS 2720(Part 4)1985	NS
4.	Clay	%	25.12	IS 2720(Part 4)1985	NS
5.	pH (5 % Solution)	--	7.54	DIRD	NS
6.	Electrical Conductivity (5 % Solution)	µs/cm	156	DIRD	NS
7.	Cation Exchange Capacity	milli-equivalents/100 g	1.53	IS2720 (P-24)1976	NS
8.	Total Nitrogen	%	1.76	DA&CMAGI	NS
9.	Phosphorous (as P)	mg/kg	3.34	IS10158:2009	NS
	Alkali metals				
10.	Sodium	%	BDL	DA&CMAGI	NS
11.	Potassium	%	BDL	DA&CMAGI	NS
12.	Lithium	mg/kg	BDL	DA&CMAGI	NS
	Heavy Metals				
13.	Cadmium	mg/kg	BDL	DA&CMAGI	5
14.	Chromium	mg/kg	BDL	DA&CMAGI	50
15.	Lead	mg/kg	BDL	DA&CMAGI	100
16.	Copper	mg/kg	1.21	DA&CMAGI	300
17.	Nickel	mg/kg	BDL	DA&CMAGI	50
18.	Manganese	mg/kg	BDL	DA&CMAGI	5

Part D: REMARKS:

Part E: ABBREVIATIONS: NA- Not Applicable, NS- Not Specified.

Note: This report is subjected to the terms and conditions mentioned overleaf.

P.M.Rana
Rajeshwari Rana
Verified By

Prashant Ghidkar
Authorised Signatory (Chemical)

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

Page 1 of 2

Registered & Head Office :
1st Floor, Bhanushali Complex, Plot No.C5-27,
B/h. Panchratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
Ph. : (0260) 2975850, 2970850, 2425642, 2420996, 2424801
e-mail: vapi@emcotechlab.com
C.I.N. U85190GJ2013PTC075256

Figure 7-4 Soil Sample (TCLP) - Sample 2 – Black color solid sample Report

Note: The Black colour solid sample - 2 parameters were analysed and found to be in satisfactory.

Annexure 3: Soil Sample Test Report

- **Soil Sample (TCLP) – Sample 1 – Black colour soil sample**

precitech Laboratories PVT LTD

TEST REPORT

Test Report Number	**PL/SS/20250116104**	**Issue Date**	February 22, 2025
Customer Name & Address	SAURASHTRA ENVIRO PROJECTS PVT. LTD Plot No. 333 P/20 & P/21, Gulab Near Dumping Yard, Jamnagar- 361007 (Gujarat)		
Customer Ref. No & Date	NA		
Part A: SAMPLE PARTICULARS			
Sample Name	Soil Sample 1		
Sample Description	Black Color Soil		
Sample Quantity	500 gm	**Packing**	Zip Bag
Sample Collection Date	12/02/2025	**Sample Receipt Date**	13/02/2025
Analysis Start Date	13/02/2025	**Analysis Completion Date**	20/02/2025
Part B: SAMPLING DETAILS			
Sample Collection	Collected By Us,	**Sampling Procedure**	--
Sampling Location	NA		
Any Other Information	NA		

Part C: TEST RESULTS

Sr. No.	Test Parameters	Unit	Results	Test Method6	Minimum Detection Limits
1.	Organic Matter	%	2.7	DA&CMAGI	NS
	Grain Size Distribution	-		-	-
2.	Sand	%	60.46	IS 2720(Part 4)1985	NS
3.	Silt	%	9.24	IS 2720(Part 4)1985	NS
4.	Clay	%	30.3	IS 2720(Part 4)1985	NS
5.	pH (5 % Solution)	--	6.98	DIRD	NS
6.	Electrical Conductivity (5 % Solution)	µs/cm	125	DIRD	NS
7.	Cation Exchange Capacity	milli-equivalents/100 g	2.34	IS2720 (P-24)1978	NS
8.	Total Nitrogen	%	2.1	DA&CMAGI	NS
9.	Phosphorous (as P)	mg/kg	2.31	IS10158:2009	NS
	Alkali metals				NS
10.	Sodium	%	BDL	DA&CMAGI	
11.	Potassium	%	BDL	DA&CMAGI	NS
12.	Lithium	mg/kg	BDL	DA&CMAGI	NS
	Heavy Metals				NS
13.	Cadmium	mg/kg	BDL	DA&CMAGI	
14.	Chromium	mg/kg	BDL	DA&CMAGI	5
15.	Lead	mg/kg	BDL	DA&CMAGI	50
16.	Copper	mg/kg	BDL	DA&CMAGI	100
17.	Nickel	mg/kg	BDL	DA&CMAGI	300
18.	Manganese	mg/kg	BDL	DA&CMAGI	50

Part D: REMARKS: 5

Part E: ABBREVIATIONS: NA- Not Applicable, NS- Not Specified.

Note: This report is subjected to the terms and conditions mentioned overleaf.

R.M.Rana
Rajeshwari Rana
Verified By

Prashant Dhidkar
Authorised Signatory (Chemical)

End of Report

Registered & Head Office :
1st Floor, Bhanujyot Complex, Plot No.CS/27,
B/h. Panchratna Complex, Nr. GIDC Char Rasta, Vapi - 396 195
Ph. : (0260) 2975850, 2970850, 2426542, 2420995, 2424901
e-mail: vapi@precitechlab.com
CIN : U51909GJ2013PTC075256

Facile Maven Private Limited Surat

Figure 7-3 Soil Sample (TCLP) – Sample 1 – Black color solid sample Report

Note: The Black colour solid sample - 1 parameters were analysed and found to be satisfactory.

GONDAL
NAGARPALIKA

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TEST REPORT

TEST REPORT No. : E/2506376 DATE OF ISSUE: 30/06/2025
REPORT ISSUED To : Shree Tulsi Enterprise
ADDRESS : Rajkot
SAMPLE COLLECTED BY : Self
SAMPLE DESCRIPTION : City Compost

BRAND NAME:	Not Mention		
QUANTITY	BATCH NO.	DOM	DOE
2 Kg	Not Mention	Not Mention	Not Mention
DATE OF RECEIPT	DATE OF START ANALYSIS	: 26/06/2025	
26/06/2025	DATE OF COMPLETION OF ANALYSIS	: 30/06/2025	

CHEMICAL PARAMETERS:

SR. NO.	TESTS	UNIT	RESULT
1.	Potassium (as K20)	%	1.05
2.	Phosphorous (as P2O5)	%	0.005
3.	Nitrogen (as NO2)	%	0.30
4.	Moisture	%	22.23
5.	pH	--	7.76
6.	Electric Conductivity	ms/cm^2	2.38
7.	Total Organic Carbon	%	9.34

MICROBIOLOGICAL PARAMETERS:

SR. NO.	TESTS	UNIT	RESULT
1.	Total Plate Count	CFU/g	1.81×10^2

REMARKS:

1 This report, in full or in part, shall not be published, advertised, used for any legal action, unless prior permission has been secured from The Director, ENVITRO LABORATORIES, RAJKOT.
2 The test report pertains to the sample tested.
3 Sample not drawn by us.
4 All above Parameters are not covered/Not accredited under NABL Scope of Accreditation.
5 The Information about sample, and customer details provided by customer & Testing carried out according to customers request only.

Envitro Laboratories Pvt. Ltd. Envitro Rajkot

Authorized Signatory
SUNIL SANGANI

*** End of Report ***

If you have any complaint /feedback regarding the sample collection, testing, test report please send an email

Envitro Group Of Companies, 6-Naval Nagar Corner, Mavdi Main Road, Rajkot-360004 Gujrat, India.
admin@envitrolabs.com www.envitrolabs.com +91 99042 27274 | 73599 27274

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MATERIAL, PHARMACEUTICALS, COSMETICS AND VARIOUS OTHER INDUSTRIES

TEST REPORT

DATE OF ISSUE: 30/06/2025

TEST REPORT No. : E/2506376
REPORT ISSUED To : Shree Tulsi Enterprise
ADDRESS : Rajkot
SAMPLE COLLECTED BY : Self
SAMPLE DESCRIPTION : City Compost

BRAND NAME:	Not Mention		
QUANTITY	BATCH NO.	DOM	DOE
2 Kg	Not Mention	Not Mention	Not Mention
DATE OF RECEIPT	DATE OF START ANALYSIS	: 26/06/2025	
26/06/2025	DATE OF COMPLETION OF ANALYSIS	: 30/06/2025	

CHEMICAL PARAMETERS:

SR. NO.	TESTS	UNIT	RESULT
1.	Potassium (as K2O)	%	1.05
2.	Phosphorous (as P2O5)	%	0.005
3.	Nitrogen (as NO2)	%	0.30
4.	Moisture	%	22.23
5.	pH	--	7.76
6.	Electric Conductivity	ms/cm^2	2.38
7.	Total Organic Carbon	%	9.34

MICROBIOLOGICAL PARAMETERS:

SR. NO.	TESTS	UNIT	RESULT
1.	Total Plate Count	CFU/g	1.81×10^2

REMARKS:

1 This report, in full or in part, shall not be published, advertised, used for any legal action, unless prior permission has been secured from The Director, ENVITRO LABORATORIES, RAJKOT.
2 The test report pertains to the sample tested.
3 Sample not drawn by us.
4 All above Parameters are not covered/Not accredited under NABL Scope of Accreditation.
5 The Information about sample, and customer details provided by customer & Testing carried out according to customers request only

Envitro Laboratories Pvt. Ltd. Rajkot

Authorized Signatory
SUNIL SANGANI

*** End of Report ***

If you have any complaint /feedback regarding the sample collection, testing, test report please send an email

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admin@envitrolabs.com www.envitrolabs.com +91 99042 27274 | 73599 27274

BHANVAD
NAGARPALIKA

precitech Laboratories PVT. LTD.

TEST REPORT

Test Report Number	**PL/R&D/20240220001**	**Issue Date**	March 2, 2024
Customer Name & Address	Urban Buildcon C-2/406 kMP Township, Vimal Nagar Main Road, Saurashtra University Road, Rajkot.		
Customer Ref. No & Date	NA		
Part A: SAMPLE PARTICULARS			
Sample Name	Soil Enricher		
Sample Description	Grey Colour Powder		
Sample Quantity	500 gm	**Packing**	Plastic Bag
Sample Collection Date	NA	**Sample Receipt Date**	20/02/2024
Analysis Start Date	20/02/2024	**Analysis Completion Date**	29/02/2024
Part B: SAMPLING DETAILS			
Sample Collection	Collected by Client.	**Sampling Procedure**	NA
Sampling Location	NA		
Any Other Information	NA		

Part C: TEST RESULTS

Sr. No.	Test Parameters	Unit	Results	Method	Specification/ Limits
1.	Moisture	%	**4.20**	IS 2720 Part2:1973(RA 2010)	Max 25
2.	Colour	--	**Black**	In house	Dark Brown to Black
3.	Odour	--	**No Foul Odour**	In house	Absence of foul odour
4.	Particle Size (Pass through 4 mm sieve)	%	**99.80**	In house	Minimum 90% Matrial should Pass through 4.0 mm IS Sieve
5.	Bulk Density	gm/cm^3	**1.5796**	IS 4730:1994 (RA 2010)	<1
6.	Total Organic Carbon	%	**2.30**	IS 2720(Part 22)1972 (RA 2015)	Min 12
7.	Total Nitrogen(as N)	%	**1.51**	IS 10158 : 2009	Min 0.8
8.	Total Phosphates (as P_2O_5)	%	**0.003**	IS 3025 (Part 31):1988 (RA 2014)	Min 0.4
9.	Total Potash (as K_2O)	%	**1.08**	EPA 3050 B Rev-2 1996	Min 0.4
10.	C:N Ratio	--	**1.52**	By Calculation	<20
11.	pH (5% solution)	--	**8.16**	IS 2720(Part 26):1987 (RA 2011)	6.5 to 7.5
12.	Conductivity (5% solution)	ds/m	**0.488**	IS 14767:2000 (RA 2016)	Not more than 4
13.	Cadmium (as Cd)	mg/kg	**3**	EPA 3050 B Rev-2 1996	Max 5
14.	Chromium (as Cr)	mg/kg	**4.19**	EPA 3050 B Rev-2 1996	Max 50
15.	Copper (as Cu)	mg/kg	**453**	EPA 3050 B Rev-2 1996	Max 300
16.	Nickel (as Ni)	mg/kg	**11.76**	EPA 3050 B Rev-2 1996	Max 50
17	Lead (as Pb)	mg/kg	**104**	EPA 3050 B Rev-2 1996	Max 100
18.	Zinc (as Zn)	mg/kg	**676**	EPA 3050 B Rev-2 1996	Max 1000
19.	Sulphur Content	ppm	**0.12**	APHA23rd Ed.2017 -4500 SO_4^{-2} E	NS

Part D: REMARKS: --

Part E: ABBREVIATIONS: NA- Not Applicable, NS- Not Specified.

Note: This report is subjected to the terms and conditions mentioned overleaf.

Deepshikha
Verified By

Annushya Patel
Authorised Signatory (Chemical)

QF No.PL/QF/7.8/01

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

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C I N : U85195GJ2013PTC075258

web: www.precitechlab.com

precitech

TEST REPORT

Test Report Number	PL/R&D/20240220001	Issue Date	March 2, 2024
Customer Name & Address	Urban Buildcon C-2/406 KMP Township, Vimal Nagar Main Road, Saurashtra University Road, Rajkot		
Customer Ref. No & Date	NA		
Part A: SAMPLE PARTICULARS			
Sample Name	Soil Enricher		
Sample Description	Grey Colour Powder		
Sample Quantity	500 gm	Packing	Plastic Bag
Sample Collection Date	NA	Sample Receipt Date	20/02/2024
Analysis Start Date	20/02/2024	Analysis Completion Date	29/02/2024
Part B: SAMPLING DETAILS			
Sample Collection	Collected by Client	Sampling Procedure	NA
Sampling Location	NA		
Any Other Information	NA		

Part C: TEST RESULTS

Sr. No.	Test Parameters	Unit	Results	Method	Specification/ Limits
1.	Moisture	%	4.20	IS 2720 Part2:1973(RA 2010)	Max 25
2.	Colour	--	Black	In house	Dark Brown to Black
3.	Odour	--	No Foul Odour	In house	Absence of foul odour
4.	Particle Size (Pass through 4 mm sieve)	%	99.80	In house	Minimum 90% Matter should Pass through 4.0 mm IS Sieve
5.	Bulk Density	gm/cm³	1.5796	IS 4730:1994 (RA 2010)	<1
6.	Total Organic Carbon	%	2.30	IS 2720 Part 22:1972 (RA 2015)	Min 12
7.	Total Nitrogen(as N)	%	1.51	IS 10158 : 2009	Min 0.8
8.	Total Phosphates (as P_2O_5)	%	0.003	IS 3025 (Part 31):1988 (RA 2014)	Min 0.4
9.	Total Potash (as K_2O)	%	1.08	EPA 3050 B Rev-2 1996	Min 0.4
10.	C/N Ratio	--	1.52	By Calculation	<20
11.	pH (5% solution)	--	8.15	IS 2720 Part 26:1987 (RA 2011)	6.5 to 7.5
12.	Conductivity (5% solution)	ds/m	9.488	IS 14767:2000 (RA 2016)	Not more than 4
13.	Cadmium (as Cd)	mg/kg	3	EPA 3050 B Rev-2 1996	Max 5
14.	Chromium (as Cr)	mg/kg	4.19	EPA 3050 B Rev-2 1996	Max 50
15.	Copper (as Cu)	mg/kg	453	EPA 3050 B Rev-2 1996	Max 300
16.	Nickel (as Ni)	mg/kg	11.75	EPA 3050 B Rev-2 1996	Max 50
17.	Lead (as Pb)	mg/kg	104	EPA 3050 B Rev-2 1996	Max 100
18.	Zinc (as Zn)	mg/kg	676	EPA 3050 B Rev-2 1996	Max 1000
19.	Sulphur Content	ppm	0.12	APHA 23rd Ed.2017 -4500 SO_4^{2-} E	NS

Part D: REMARKS: --

Part E: ABBREVIATIONS: NA- Not Applicable, NS- Not Specified.

Note: This report is subjected to the terms and conditions mentioned overleaf.

Deepshikha
Verified By

Annushya Patel
Authorised Signatory (Chemical)

QF No.PL/QF/7.8/01

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

Reco... Registered & Head Office :
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QCI-NABET Accredited EIA Consultant Organ... ...260) 2975850, 2970850, 2425542, 2420996, 2424911
e-mail: vapi@precitechlab.com
CIN : U85195GJ2013PTC075258

KHAMBHALIYA NAGARPALIKA

precitech
Laboratories PVT LTD

TEST REPORT

Test Report Number	PL/R&D/20240220001	Issue Date	March 2, 2024
Customer Name & Address	Urban Buildcon C-2/406 kMP Township, Vimal Nagar Main Road, Saurashtra University Road, Rajkot.		
Customer Ref. No & Date	NA		
Part A: SAMPLE PARTICULARS			
Sample Name	Soil Enricher (Khambhadiya Nagarpalika)		
Sample Description	Grey Colour Powder		
Sample Quantity	500 gm	Packing	Plastic Bag
Sample Collection Date	NA	Sample Receipt Date	20/02/2024
Analysis Start Date	20/02/2024	Analysis Completion Date	29/02/2024
Part B: SAMPLING DETAILS			
Sample Collection	Collected by Client.	Sampling Procedure	NA
Sampling Location	NA		
Any Other Information	NA		

Part C: TEST RESULTS

Sr. No.	Test Parameters	Unit	Results	Method	Specification/ Limits
1.	Moisture	%	4.20	IS 2720 Part2:1973(RA 2010)	Max 25
2.	Colour	--	Black	In house	Dark Brown to Black
3.	Odour	--	No Foul Odour	In house	Absence of foul odour
4.	Particle Size (Pass through 4 mm sieve)	%	99.80	In house	Minimum 90% Matrial should Pass through 4.0 mm IS Sieve
5.	Bulk Density	gm/cm^3	1.5796	IS 4730:1994 (RA 2010)	<1
6.	Total Organic Carbon	%	2.30	IS 2720(Part 22)1972 (RA 2015)	Min 12
7.	Total Nitrogen(as N)	%	1.51	IS 10158 : 2009	Min 0.8
8.	Total Phosphates (as P_2O_5)	%	0.003	IS 3025 (Part 31):1988 (RA 2014)	Min 0.4
9.	Total Potash (as K_2O)	%	1.08	EPA 3050 B Rev-2 1996	Min 0.4
10.	C:N Ratio	--	1.52	By Calculation	<20
11.	pH (5% solution)	--	8.16	IS 2720(Part 26):1987 (RA 2011)	6.5 to 7.5
12.	Conductivity (5% solution)	ds/m	0.488	IS 14767:2000 (RA 2016)	Not more than 4
13.	Cadmium (as Cd)	mg/kg	3	EPA 3050 B Rev-2 1996	Max 5
14.	Chromium (as Cr)	mg/kg	4.19	EPA 3050 B Rev-2 1996	Max 50
15.	Copper (as Cu)	mg/kg	453	EPA 3050 B Rev-2 1996	Max 300
16.	Nickel (as Ni)	mg/kg	11.76	EPA 3050 B Rev-2 1996	Max 50
17.	Lead (as Pb)	mg/kg	104	EPA 3050 B Rev-2 1996	Max 100
18.	Zinc (as Zn)	mg/kg	676	EPA 3050 B Rev-2 1996	Max 1000
19.	Sulphur Content	ppm	0.12	APHA23rd Ed.2017 -4500 SO_4^{-2} E	NS

Part D: REMARKS: --

Part E: ABBREVIATIONS: NA- Not Applicable, NS- Not Specified.

Note: This report is subjected to the terms and conditions mentioned overleaf.

Deepshikha
Verified By

Annushya Patel
Authorised Signatory (Chemical)

QF No PL/QF/7.8/01

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

Recognitions
ISO 45001:2018 Certified Lab
Recognized Env. Auditors with Gujarat Pollution Control Board
QCI-NABET Accredited EIA Consultant Organization

Registered & Head Office :
1st Floor, Bhanujyot Complex, Plot No.C5/27,
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e mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258
web: www.precitechlab.com

precitech Laboratories PVT LTD

TEST REPORT

Test Report Number	PL/R&D/20240220001	Issue Date	March 2, 2024
Customer Name & Address	Urban Buildcon C-2/406 kMP Township, Vimal Nagar Main Road, Saurashtra University Road, Rajkot.		
Customer Ref. No & Date	NA		
Part A: SAMPLE PARTICULARS			
Sample Name	Soil Enricher (Khambhadiya Nagarpalika)		
Sample Description	Grey Colour Powder		
Sample Quantity	500 gm	Packing	Plastic Bag
Sample Collection Date	NA	Sample Receipt Date	20/02/2024
Analysis Start Date	20/02/2024	Analysis Completion Date	29/02/2024
Part B: SAMPLING DETAILS			
Sample Collection	Collected by Client.	Sampling Procedure	NA
Sampling Location	NA		
Any Other Information	NA		

Part C: TEST RESULTS

Sr. No.	Test Parameters	Unit	Results	Method	Specification/ Limits
1.	Moisture	%	4.20	IS 2720 Part2:1973(RA 2010)	Max 25
2.	Colour	--	Black	In house	Dark Brown to Black
3.	Odour	--	No Foul Odour	In house	Absence of foul odour
4	Particle Size (Pass through 4 mm sieve)	%	99.80	In house	Minimum 90% Matrial should Pass through 4.0 mm IS Sieve
5.	Bulk Density	gm/cm^3	1.5796	IS 4730:1994 (RA 2010)	<1
6.	Total Organic Carbon	%	2.30	IS 2720(Part 22)1972 (RA 2015)	Min 12
7.	Total Nitrogen(as N)	%	1.51	IS 10158 : 2009	Min 0.8
8.	Total Phosphates (as P_2O_5)	%	0.003	IS 3025 (Part 31):1988 (RA 2014)	Min 0.4
9.	Total Potash (as K_2O)	%	1.08	EPA 3050 B Rev-2 1996	Min 0.4
10.	C:N Ratio	--	1.52	By Calculation	<20
11.	pH (5% solution)	--	8.16	IS 2720(Part 26):1987 (RA 2011)	6.5 to 7.5
12.	Conductivity (5% solution)	ds/m	0.488	IS 14767:2000 (RA 2016)	Not more than 4
13.	Cadmium (as Cd)	mg/kg	3	EPA 3050 B Rev-2 1996	Max 5
14.	Chromium (as Cr)	mg/kg	4.19	EPA 3050 B Rev-2 1996	Max 50
15.	Copper (as Cu)	mg/kg	453	EPA 3050 B Rev-2 1996	Max 300
16.	Nickel (as Ni)	mg/kg	11.76	EPA 3050 B Rev-2 1996	Max 50
17.	Lead (as Pb)	mg/kg	104	EPA 3050 B Rev-2 1996	Max 100
18.	Zinc (as Zn)	mg/kg	676	EPA 3050 B Rev-2 1996	Max 1000
19.	Sulphur Content	ppm	0.12	APHA23rd Ed.2017 -4500 SO_4^{-2} E	NS

Part D: REMARKS: --

Part E: ABBREVIATIONS: NA- Not Applicable, NS- Not Specified.

Note: This report is subjected to the terms and conditions mentioned overleaf.

Deepshikha
Verified By

Annushya Patel
Authorised Signatory (Chemical)

QF No PL/QF/7.8/01

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

Recognitions
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Recognized Env. Auditors with Gujarat Pollution Control Board
QCI-NABET Accredited EIA Consultant Organization

Registered & Head Office :
1st Floor, Bhanujyot Complex, Plot No.C5/27,
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e mail: vapi@precitechlab.com
C I N : U85195GJ2013PTC075258

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NAGARPALIKA

3078

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TEST REPORT

Doc. No : GTL/D/7.5/02

Report Issued To:	**Mahavir Enterprise** Office No : 209/ Wing/ A, 2nd Floor, Leela Efcee, Nr.Aksharwadi Temple, Waghwadi Road, Bhavnagar, Bhavnagar, Gujarat **Phone No :** 9825204502 **Email :** mahavir8135@gmail.com	**Test Report No** **Date of Receipt** **Date of Issue** **Customer's Ref. No**	**: GTL/07240224005/NS** : 24/02/2024 : 29/02/2024 : N.M

Sample Described as	**: City Compost**		
Sample Qty	: 500 gm	**Mfg. Date**	: N.M.
Packing Mode	: Sample Packed in Plastic Bags	**Exp. Date**	: N.M.
		B.No	: N.M
Sample Condition	: Satisfactory		
Marking	: N.M		
Sample Drawn By	: Customer		
Date of Starting of Test	: 24/02/2024	**Date of Completion**	: 29/02/2024

Sr No	Quality Characteristics	Result	Test Method	Requirement as per FCO - 1985 / Customer specification
	Chemical Fertilizers			
1	Odour	Absence of foul odour	FCO-1985	Absence of foul odour
2	Colour	Dark Brown to black	FCO-1985	Dark Brown to black
3	Moisture %	20.61	FCO-1985	Max. 25%
4	Bulk Density g/cm3	0.9569	FCO-1985	Max. 1.2
5	Total of Nitrogen (as N) +Phosphate (as P2O5)+Potash (as K2O) %	3.22	FCO-1985	Min. 1.2
6	Total Nitrogen (as N) %	0.98	FCO-1985	Min.0.80
7	Total Phosphates (as P2O5) %	1.25	FCO-1985	Min. 0.40
8	Total Potash (as K2O) %	0.99	FCO-1985	Min. 0.40
9	Total Organic Carbon %	16.20	FCO-1985	Min.12
10	C:N Ratio	16:1	FCO-1985	Max. 20
11	pH (50% solution)	7.12	FCO-1985	6.0 to 8.0
12	Conductivity dsm-1 (20 % Solution)	4.0	FCO-1985	Max. 6.0
13	Partical Size (Passes through 4 mm IS Sieve) %	97.56	FCO-1985	Min. 90%
14	Copper (as Cu) mg/kg	19.87	FCO-1985	Max. 300 mg/kg
15	Lead (as Pb) mg/kg	16.50	FCO-1985	Max. 100 mg/kg
16	Nickel (as Ni) mg/kg	6.38	FCO-1985	Max. 50 mg/kg
17	Zinc (as Zn) mg/kg	198.20	FCO-1985	Max. 1000 mg/kg

Gujarat Testlab Private Limited

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Shahibaug, Ahmedabad-380004
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Web : www.gujaratlaboratory.com

Test Report No : GTL/07240224005/NS

Sr No	Quality Characteristics	Result	Test Method	Requirement as per FCO - 1985 / Customer specification
18	Chromium (as Cr) mg/kg	20.65	FCO-1985	Max. 50 mg/kg
19	Arsenic (as As) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 10 mg/kg
20	Mercury (as Hg) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 0.15 mg/kg
21	Cadmium (as Cd) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 5.0 mg/kg
Biological Fertilizers				
1	Salmonella/25 gm	Absent	FCO-1985	Absent

Opinion : In the opinion of the undersigned, the submitted sample **CONFORM** to the above specification.

Note : N.M.=Not Mentioned, B.L.Q.=Below Limit of Quantification, Q.L.=Quantification Limit

For NABL Scope

Mamta Bhavsar
Reviewed By

For Verification

*** END OF REPORT ***

FOR, GUJARAT TESTLAB PVT. LTD

Hemal Darji-Trupti Thakor
Autho. Signatory

3080

Gujarat Testlab Private Limited

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TEST REPORT

Doc. No : GTL/D/7.5/02

Report Issued To:	**Mahavir Enterprise** Office No : 209/ Wing/ A, 2nd Floor, Leela Efcee, Nr.Aksharwadi Temple, Waghwadi Road, Bhavnagar, Bhavnagar, Gujarat **Phone No :** 9825204502 **Email :** mahavir8135@gmail.com	**Test Report No** **Date of Receipt** **Date of Issue** **Customer's Ref. No**	**: GTL/07240224005/NS** : 24/02/2024 : 29/02/2024 : N.M

Sample Described as	**: City Compost**		
Sample Qty	: 500 gm	**Mfg. Date**	: N.M.
Packing Mode	: Sample Packed in Plastic Bags	**Exp. Date**	: N.M.
		B.No	: N.M
Sample Condition	: Satisfactory		
Marking	: N.M		
Sample Drawn By	: Customer		
Date of Starting of Test	: 24/02/2024	**Date of Completion**	: 29/02/2024

Sr No	Quality Characteristics	Result	Test Method	Requirement as per FCO - 1985 / Customer specification
	Chemical Fertilizers			
1	Odour	Absence of foul odour	FCO-1985	Absence of foul odour
2	Colour	Dark Brown to black	FCO-1985	Dark Brown to black
3	Moisture %	20.61	FCO-1985	Max. 25%
4	Bulk Density g/cm3	0.9569	FCO-1985	Max. 1.2
5	Total of Nitrogen (as N) +Phosphate (as P2O5)+Potash (as K2O) %	3.22	FCO-1985	Min. 1.2
6	Total Nitrogen (as N) %	0.98	FCO-1985	Min.0.80
7	Total Phosphates (as P2O5) %	1.25	FCO-1985	Min. 0.40
8	Total Potash (as K2O) %	0.99	FCO-1985	Min. 0.40
9	Total Organic Carbon %	16.20	FCO-1985	Min.12
10	C:N Ratio	16:1	FCO-1985	Max. 20
11	pH (50% solution)	7.12	FCO-1985	6.0 to 8.0
12	Conductivity dsm-1 (20 % Solution)	4.0	FCO-1985	Max. 6.0
13	Partical Size (Passes through 4 mm IS Sieve) %	97.56	FCO-1985	Min. 90%
14	Copper (as Cu) mg/kg	19.87	FCO-1985	Max. 300 mg/kg
15	Lead (as Pb) mg/kg	16.50	FCO-1985	Max. 100 mg/kg
16	Nickel (as Ni) mg/kg	6.38	FCO-1985	Max. 50 mg/kg
17	Zinc (as Zn) mg/kg	198.20	FCO-1985	Max. 1000 mg/kg

MANDVI NAGAR SEVA SADAN • MANDVI (KUTCH)

Gujarat Testlab Private Limited

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Test Report No : GTL/07240224005/NS

Sr No	Quality Characteristics	Result	Test Method	Requirement as per FCO - 1985 / Customer specification
18	Chromium (as Cr) mg/kg	20.65	FCO-1985	Max. 50 mg/kg
19	Arsenic (as As) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 10 mg/kg
20	Mercury (as Hg) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 0.15 mg/kg
21	Cadmium (as Cd) mg/kg	B.L.Q. (Q.L.=0.05)	FCO-1985	Max. 5.0 mg/kg
Biological Fertilizers				
1	Salmonella/25 gm	Absent	FCO-1985	Absent

Opinion : In the opinion of the undersigned, the submitted sample **CONFORM** to the above specification.

Note : N.M.=Not Mentioned, B.L.Q.=Below Limit of Quantification, Q.L.=Quantification Limit

For NABL Scope

Mamta Bhavsar
Reviewed By

For Verification

*** END OF REPORT ***

FOR, GUJARAT TESTLAB PVT. LTD

Hemal Darji-Trupti Thakor
Autho. Signatory

MANDVI NAGAR SEVA SADAN MANDVI (KUTCH)

NAVSARI MUNICIPAL CORPORATION

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Issue Date	16/12/2024
Report No.	SGEL/REP/2024/12/98

TEST REPORT

COMPOST SAMPLE ANALYSIS REPORT

Name of Client	**C D TRANSPORT**		
Contractor Agency	NOORUDDIN GAFOORBHAI CHAUDHARY		
Address	Plot No.13b, Survey No.152, Ahmed Nagar Chhiri, Vapi, Valsad, Gujarat, 396191		
Sampling Date	12/12/2024	**Sample Identification**	**Compost**
Sample Receipt Date	12/12/2024	**Sample Description**	Compost Sample
Sample Analyzed and Completion Date	12/12/2024 to 14/12/2024	**Sample Collected By**	SGEL Team
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2024/12/98

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Requirements as per FCO 1985 Schedule IV	Test Method
1	Moisture	% By Weight	22.6	15.0-25.0	Schedule-IV, Part D (2) of FCO, 1985
2	Color	--	Black	Dark brown to black	Physical Observation
3	Odor	--	No Foul Odor	Absence of foul odor	Physical Observation
4	Particle Size	%	94.7	Minimum 90% material should pass through 4.0mm IS sieve	FAO Method
5	Bulk Density	gm/cc	0.68	<1.0	Schedule-IV, Part D (3) of FCO, 1985
6	Total Organic Carbon	% By Weight	19.4	Minimum 12.0	Schedule-IV, Part D (5) of FCO, 1985
7	Total Nitrogen	% By Weight	1.08	Minimum 0.8	Schedule-IV, Part D (6) of FCO, 1985
8	Total Phosphate (as P_2O_5)	% By Weight	0.59	Minimum 0.4	Schedule-IV, Part D (8) of FCO, 1985

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Issue Date	16/12/2024
Report No.	SGEL/REP/2024/12/98

Sr. No.	Parameters	Unit	Result	Requirements as per FCO 1985 Schedule IV	Test Method
9	Total Potash (as K_2O)	% by Weight	0.49	Minimum 0.4	Schedule-IV, Part D (9) of FCO, 1985
10	C/N Ratio	--	18.0	<20	Schedule-IV, Part D (7) of FCO, 1985
11	pH (1:2.5 at 25°C)	--	6.8	6.5-7.5	Schedule-IV, Part D (1) of FCO, 1985
12	Electrical Conductivity (Ratio: 1:5 at 25°C)	mS/cm	2.892	Not more than 4.0	Schedule-IV, Part D (4) of FCO, 1985
	Heavy Metal Content				
13	Arsenic	mg/Kg	<0.01	Maximum 10.0	Schedule-IV, Part D (12) of FCO, 1985
14	Cadmium	mg/Kg	1.04	Maximum 5.0	Schedule-IV, Part D (10) of FCO, 1985
15	Chromium	mg/Kg	9.35	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
16	Copper	mg/Kg	156	Maximum 300.0	Schedule-IV, Part D (10) of FCO, 1985
17	Mercury	mg/Kg	<0.01	Maximum 0.15	Schedule-IV, Part D (11) of FCO, 1985
18	Nickel	mg/Kg	4.23	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
19	Lead	mg/Kg	1.56	Maximum 100.0	Schedule-IV, Part D (10) of FCO, 1985
20	Zinc	mg/Kg	456	Maximum 1000.0	Schedule-IV, Part D (10) of FCO, 1985

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AUTHORISED SIGNATORY

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Issue Date	20/01/2025
Report No.	SGEL/REP/2025/01/137

TEST REPORT

COMPOST SAMPLE ANALYSIS REPORT

Name of Client	**C D TRANSPORT**		
Contractor Agency	NOORUDDIN GAFOORBHAI CHAUDHARY		
Address	Plot No.13b, Survey No.152, Ahmed Nagar Chhiri, Vapi, Valsad, Gujarat, 396191		
Sampling Date	15/01/2025	**Sample Identification**	**Compost**
Sample Receipt Date	15/01/2025	**Sample Description**	Compost Sample
Sample Analyzed and Completion Date	15/01/2025 to 18/01/2025	**Sample Collected By**	SGEL Team
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2025/01/137

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Requirements as per FCO 1985 Schedule IV	Test Method
1	Moisture	% By Weight	23.1	15.0-25.0	Schedule-IV, Part D (2) of FCO, 1985
2	Color	--	Black	Dark brown to black	Physical Observation
3	Odor	--	No Foul Odor	Absence of foul odor	Physical Observation
4	Particle Size	%	97.2	Minimum 90% material should pass through 4.0mm IS sieve	FAO Method
5	Bulk Density	gm/cc	0.61	<1.0	Schedule-IV, Part D (3) of FCO, 1985
6	Total Organic Carbon	% By Weight	18.4	Minimum 12.0	Schedule-IV, Part D (5) of FCO, 1985
7	Total Nitrogen	% By Weight	1.03	Minimum 0.8	Schedule-IV, Part D (6) of FCO, 1985
8	Total Phosphate (as P_2O_5)	% By Weight	0.55	Minimum 0.4	Schedule-IV, Part D (8) of FCO, 1985

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Issue Date	20/01/2025
Report No.	SGEL/REP/2025/01/137

Sr. No.	Parameters	Unit	Result	Requirements as per FCO 1985 Schedule IV	Test Method
9	Total Potash (as K_2O)	% by Weight	0.51	Minimum 0.4	Schedule-IV, Part D (9) of FCO, 1985
10	C/N Ratio	--	17.9	<20	Schedule-IV, Part D (7) of FCO, 1985
11	pH (1:2.5 at 25°C)	--	6.6	6.5-7.5	Schedule-IV, Part D (1) of FCO, 1985
12	Electrical Conductivity (Ratio: 1:5 at 25°C)	mS/cm	2.743	Not more than 4.0	Schedule-IV, Part D (4) of FCO, 1985
	Heavy Metal Content				
13	Arsenic	mg/Kg	<0.01	Maximum 10.0	Schedule-IV, Part D (12) of FCO, 1985
14	Cadmium	mg/Kg	0.88	Maximum 5.0	Schedule-IV, Part D (10) of FCO, 1985
15	Chromium	mg/Kg	10.3	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
16	Copper	mg/Kg	148	Maximum 300.0	Schedule-IV, Part D (10) of FCO, 1985
17	Mercury	mg/Kg	<0.01	Maximum 0.15	Schedule-IV, Part D (11) of FCO, 1985
18	Nickel	mg/Kg	4.47	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
19	Lead	mg/Kg	1.65	Maximum 100.0	Schedule-IV, Part D (10) of FCO, 1985
20	Zinc	mg/Kg	466	Maximum 1000.0	Schedule-IV, Part D (10) of FCO, 1985

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Issue Date	19/02/2025
Report No.	SGEL/REP/2025/02/116

TEST REPORT

COMPOST SAMPLE ANALYSIS REPORT

Name of Client	**C D TRANSPORT**		
Contractor Agency	NOORUDDIN GAFOORBHAI CHAUDHARY		
Address	Plot No.13b, Survey No.152, Ahmed Nagar Chhiri, Vapi, Valsad, Gujarat, 396191		
Sampling Date	14/02/2025	**Sample Identification**	**Compost**
Sample Receipt Date	14/02/2025	**Sample Description**	Compost Sample
Sample Analyzed and Completion Date	14/02/2025 to 18/02/2025	**Sample Collected By**	SGEL Team
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2025/02/116

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Requirements as per FCO 1985 Schedule IV	Test Method
1	Moisture	% By Weight	19.6	15.0-25.0	Schedule-IV, Part D (2) of FCO, 1985
2	Color	--	Black	Dark brown to black	Physical Observation
3	Odor	--	No Foul Odor	Absence of foul odor	Physical Observation
4	Particle Size	%	94.7	Minimum 90% material should pass through 4.0mm IS sieve	FAO Method
5	Bulk Density	gm/cc	0.72	<1.0	Schedule-IV, Part D (3) of FCO, 1985
6	Total Organic Carbon	% By Weight	17.9	Minimum 12.0	Schedule-IV, Part D (5) of FCO, 1985
7	Total Nitrogen	% By Weight	1.05	Minimum 0.8	Schedule-IV, Part D (6) of FCO, 1985
8	Total Phosphate (as P_2O_5)	% By Weight	0.62	Minimum 0.4	Schedule-IV, Part D (8) of FCO, 1985

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Issue Date	19/02/2025
Report No.	SGEL/REP/2025/02/116

Sr. No.	Parameters	Unit	Result	Requirements as per FCO 1985 Schedule IV	Test Method
9	Total Potash (as K_2O)	% by Weight	0.44	Minimum 0.4	Schedule-IV, Part D (9) of FCO, 1985
10	C/N Ratio	--	17.1	<20	Schedule-IV, Part D (7) of FCO, 1985
11	pH (1:2.5 at 25°C)	--	6.3	6.5-7.5	Schedule-IV, Part D (1) of FCO, 1985
12	Electrical Conductivity (Ratio: 1:5 at 25°C)	mS/cm	2.820	Not more than 4.0	Schedule-IV, Part D (4) of FCO, 1985
	Heavy Metal Content				
13	Arsenic	mg/Kg	<0.01	Maximum 10.0	Schedule-IV, Part D (12) of FCO, 1985
14	Cadmium	mg/Kg	0.93	Maximum 5.0	Schedule-IV, Part D (10) of FCO, 1985
15	Chromium	mg/Kg	9.55	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
16	Copper	mg/Kg	151	Maximum 300.0	Schedule-IV, Part D (10) of FCO, 1985
17	Mercury	mg/Kg	<0.01	Maximum 0.15	Schedule-IV, Part D (11) of FCO, 1985
18	Nickel	mg/Kg	4.35	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
19	Lead	mg/Kg	1.59	Maximum 100.0	Schedule-IV, Part D (10) of FCO, 1985
20	Zinc	mg/Kg	473	Maximum 1000.0	Schedule-IV, Part D (10) of FCO, 1985

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Issue Date	25/03/2025
Report No.	SGEL/REP/2025/03/184

TEST REPORT

COMPOST SAMPLE ANALYSIS REPORT

Name of Client	**C D TRANSPORT**		
Contractor Agency	NOORUDDIN GAFOORBHAI CHAUDHARY		
Address	Plot No.13b, Survey No.152, Ahmed Nagar Chhiri, Vapi, Valsad, Gujarat, 396191		
Sampling Date	20/03/2025	**Sample Identification**	**Compost**
Receipt Date	20/03/2025	**Sample Description**	Compost Sample
Sample Analyzed and Completion Date	20/03/2025 to 24/03/2025	**Sample Collected By**	SGEL Team
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2025/03/184

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Requirements as per FCO 1985 Schedule IV	Test Method
1	Moisture	% By Weight	21.4	15.0-25.0	Schedule-IV, Part D (2) of FCO, 1985
2	Color	--	Black	Dark brown to black	Physical Observation
3	Odor	--	No Foul Odor	Absence of foul odor	Physical Observation
4	Particle Size	%	96.2	Minimum 90% material should pass through 4.0mm IS sieve	FAO Method
5	Bulk Density	gm/cc	0.51	<1.0	Schedule-IV, Part D (3) of FCO, 1985
6	Total Organic Carbon	% By Weight	19.4	Minimum 12.0	Schedule-IV, Part D (5) of FCO, 1985
7	Total Nitrogen	% By Weight	1.02	Minimum 0.8	Schedule-IV, Part D (6) of FCO, 1985
8	Total Phosphate (as P_2O_5)	% By Weight	0.54	Minimum 0.4	Schedule-IV, Part D (8) of FCO, 1985

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Issue Date	25/03/2025
Report No.	SGEL/REP/2025/03/184

Sr. No.	Parameters	Unit	Result	Requirements as per FCO 1985 Schedule IV	Test Method
9	Total Potash (as K_2O)	% by Weight	0.49	Minimum 0.4	Schedule-IV, Part D (9) of FCO, 1985
10	C/N Ratio	--	19.0	<20	Schedule-IV, Part D (7) of FCO, 1985
11	pH (1:2.5 at 25°C)	--	7.1	6.5-7.5	Schedule-IV, Part D (1) of FCO, 1985
12	Electrical Conductivity (Ratio: 1:5 at 25°C)	mS/cm	3.26	Not more than 4.0	Schedule-IV, Part D (4) of FCO, 1985
	Heavy Metal Content				
13	Arsenic	mg/Kg	<0.01	Maximum 10.0	Schedule-IV, Part D (12) of FCO, 1985
14	Cadmium	mg/Kg	1.5	Maximum 5.0	Schedule-IV, Part D (10) of FCO, 1985
15	Chromium	mg/Kg	11.3	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
16	Copper	mg/Kg	137	Maximum 300.0	Schedule-IV, Part D (10) of FCO, 1985
17	Mercury	mg/Kg	<0.01	Maximum 0.15	Schedule-IV, Part D (11) of FCO, 1985
18	Nickel	mg/Kg	5.16	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
19	Lead	mg/Kg	2.5	Maximum 100.0	Schedule-IV, Part D (10) of FCO, 1985
20	Zinc	mg/Kg	428	Maximum 1000.0	Schedule-IV, Part D (10) of FCO, 1985

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Issue Date	19/04/2025
Report No.	SGEL/REP/2025/04/96

TEST REPORT

COMPOST SAMPLE ANALYSIS REPORT

Name of Client	**C D TRANSPORT**		
Contractor Agency	NOORUDDIN GAFOORBHAI CHAUDHARY		
Address	Plot No.13b, Survey No.152, Ahmed Nagar Chhiri, Vapi, Valsad, Gujarat, 396191		
Sampling Date	14/04/2025	**Sample Identification**	**Compost**
Sample Receipt Date	14/04/2025	**Sample Description**	Compost Sample
Sample Analyzed and Completion Date	14/04/2025 to 18/04/2025	**Sample Collected By**	SGEL Team
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2025/04/96

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Requirements as per FCO 1985 Schedule IV	Test Method
1	Moisture	% By Weight	18.6	15.0-25.0	Schedule-IV, Part D (2) of FCO, 1985
2	Color	--	Black	Dark brown to black	Physical Observation
3	Odor	--	No Foul Odor	Absence of foul odor	Physical Observation
4	Particle Size	%	93.6	Minimum 90% material should pass through 4.0mm IS sieve	FAO Method
5	Bulk Density	gm/cc	0.57	<1.0	Schedule-IV, Part D (3) of FCO, 1985
6	Total Organic Carbon	% By Weight	16.5	Minimum 12.0	Schedule-IV, Part D (5) of FCO, 1985
7	Total Nitrogen	% By Weight	0.96	Minimum 0.8	Schedule-IV, Part D (6) of FCO, 1985
8	Total Phosphate (as P_2O_5)	% By Weight	0.63	Minimum 0.4	Schedule-IV, Part D (8) of FCO, 1985

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Issue Date	19/04/2025
Report No.	SGEL/REP/2025/04/96

Sr. No.	Parameters	Unit	Result	Requirements as per FCO 1985 Schedule IV	Test Method
9	Total Potash (as K_2O)	% by Weight	0.51	Minimum 0.4	Schedule-IV, Part D (9) of FCO, 1985
10	C/N Ratio	--	17.2	<20	Schedule-IV, Part D (7) of FCO, 1985
11	pH (1:2.5 at 25°C)	--	6.8	6.5-7.5	Schedule-IV, Part D (1) of FCO, 1985
12	Electrical Conductivity (Ratio: 1:5 at 25°C)	mS/cm	2.73	Not more than 4.0	Schedule-IV, Part D (4) of FCO, 1985
	Heavy Metal Content				
13	Arsenic	mg/Kg	<0.01	Maximum 10.0	Schedule-IV, Part D (12) of FCO, 1985
14	Cadmium	mg/Kg	0.98	Maximum 5.0	Schedule-IV, Part D (10) of FCO, 1985
15	Chromium	mg/Kg	9.5	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
16	Copper	mg/Kg	143	Maximum 300.0	Schedule-IV, Part D (10) of FCO, 1985
17	Mercury	mg/Kg	<0.01	Maximum 0.15	Schedule-IV, Part D (11) of FCO, 1985
18	Nickel	mg/Kg	4.51	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
19	Lead	mg/Kg	1.7	Maximum 100.0	Schedule-IV, Part D (10) of FCO, 1985
20	Zinc	mg/Kg	416	Maximum 1000.0	Schedule-IV, Part D (10) of FCO, 1985

ANALYZED BY **CHECKED BY** **AUTHORISED SIGNATORY**

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Issue Date	26/05/2025
Report No.	SGEL/REP/2025/05/176

TEST REPORT

COMPOST SAMPLE ANALYSIS REPORT

Name of Client	**C D TRANSPORT**		
Contractor Agency	NOORUDDIN GAFOORBHAI CHAUDHARY		
Address	Plot No.13b, Survey No.152, Ahmed Nagar Chhiri, Vapi, Valsad, Gujarat, 396191		
Sampling Date	20/05/2025	**Sample Identification**	**Compost**
Sample Receipt Date	20/05/2025	**Sample Description**	Compost Sample
Sample Analyzed and Completion Date	20/05/2025 to 24/05/2025	**Sample Collected By**	SGEL Team
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2025/05/176

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Requirements as per FCO 1985 Schedule IV	Test Method
1	Moisture	% By Weight	16.8	15.0-25.0	Schedule-IV, Part D (2) of FCO, 1985
2	Color	--	Black	Dark brown to black	Physical Observation
3	Odor	--	No Foul Odor	Absence of foul odor	Physical Observation
4	Particle Size	%	95.6	Minimum 90% material should pass through 4.0mm IS sieve	FAO Method
5	Bulk Density	gm/cc	0.62	<1.0	Schedule-IV, Part D (3) of FCO, 1985
6	Total Organic Carbon	% By Weight	14.6	Minimum 12.0	Schedule-IV, Part D (5) of FCO, 1985
7	Total Nitrogen	% By Weight	1.1	Minimum 0.8	Schedule-IV, Part D (6) of FCO, 1985
8	Total Phosphate (as P_2O_5)	% By Weight	0.58	Minimum 0.4	Schedule-IV, Part D (8) of FCO, 1985

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Issue Date	26/05/2025
Report No.	SGEL/REP/2025/05/175

Sr. No.	Parameters	Unit	Result	Test Method
Heavy Metal Content				
9	Arsenic	mg/Kg	<0.01	Schedule-IV, Part D (12) of FCO, 1985
10	Cadmium	mg/Kg	4.1	Schedule-IV, Part D (10) of FCO, 1985
11	Chromium	mg/Kg	12.2	Schedule-IV, Part D (10) of FCO, 1985
12	Copper	mg/Kg	130	Schedule-IV, Part D (10) of FCO, 1985
13	Mercury	mg/Kg	<0.01	Schedule-IV, Part D (11) of FCO, 1985
14	Nickel	mg/Kg	5.9	Schedule-IV, Part D (10) of FCO, 1985
15	Lead	mg/Kg	0.13	Schedule-IV, Part D (10) of FCO, 1985
16	Zinc	mg/Kg	567	Schedule-IV, Part D (10) of FCO, 1985

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Issue Date	26/06/2025
Report No.	SGEL/REP/2025/06/184

TEST REPORT

COMPOST SAMPLE ANALYSIS REPORT

Name of Client	**C D TRANSPORT**		
Contractor Agency	NOORUDDIN GAFOORBHAI CHAUDHARY		
Address	Plot No.13b, Survey No.152, Ahmed Nagar Chhiri, Vapi, Valsad, Gujarat, 396191		
Sampling Date	20/06/2025	**Sample Identification**	**Compost**
Sample Receipt Date	20/06/2025	**Sample Description**	Compost Sample
Sample Analyzed and Completion Date	20/06/2025 to 25/06/2025	**Sample Collected By**	SGEL Team
Quantity/No. of Samples	Approx.250 gm / 1 No.	**Protocol/ Purpose**	As per Work Order
Packing/Seal	Packed/Sealed	**Sample ID**	SGEL/2025/06/184

RESULT TABLE

Sr. No.	Parameters	Unit	Results	Requirements as per FCO 1985 Schedule IV	Test Method
1	Moisture	% By Weight	19.6	15.0-25.0	Schedule-IV. Part D (2) of FCO, 1985
2	Color	--	Black	Dark brown to black	Physical Observation
3	Odor	--	No Foul Odor	Absence of foul odor	Physical Observation
4	Particle Size	%	91.5	Minimum 90% material should pass through 4.0mm IS sieve	FAO Method
5	Bulk Density	gm/cc	0.55	<1.0	Schedule-IV, Part D (3) of FCO, 1985
6	Total Organic Carbon	% By Weight	17.5	Minimum 12.0	Schedule-IV, Part D (5) of FCO, 1985
7	Total Nitrogen	% By Weight	1.07	Minimum 0.8	Schedule-IV, Part D (6) of FCO, 1985
8	Total Phosphate (as P_2O_5)	% By Weight	0.61	Minimum 0.4	Schedule-IV, Part D (8) of FCO, 1985

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Issue Date	26/06/2025
Report No.	SGEL/REP/2025/06/184

Sr. No.	Parameters	Unit	Result	Requirements as per FCO 1985 Schedule IV	Test Method
9	Total Potash (as K_2O)	% by Weight	0.46	Minimum 0.4	Schedule-IV, Part D (9) of FCO, 1985
10	C/N Ratio	--	15.6	<20	Schedule-IV, Part D (7) of FCO, 1985
11	pH (1:2.5 at 25°C)	--	6.5	6.5-7.5	Schedule-IV, Part D (1) of FCO, 1985
12	Electrical Conductivity (Ratio: 1:5 at 25°C)	mS/cm	3.1	Not more than 4.0	Schedule-IV, Part D (4) of FCO, 1985
	Heavy Metal Content				
13	Arsenic	mg/Kg	<0.01	Maximum 10.0	Schedule-IV, Part D (12) of FCO, 1985
14	Cadmium	mg/Kg	0.92	Maximum 5.0	Schedule-IV, Part D (10) of FCO, 1985
15	Chromium	mg/Kg	10.7	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
16	Copper	mg/Kg	140	Maximum 300.0	Schedule-IV, Part D (10) of FCO, 1985
17	Mercury	mg/Kg	<0.01	Maximum 0.15	Schedule-IV, Part D (11) of FCO, 1985
18	Nickel	mg/Kg	4.59	Maximum 50.0	Schedule-IV, Part D (10) of FCO, 1985
19	Lead	mg/Kg	1.9	Maximum 100.0	Schedule-IV, Part D (10) of FCO, 1985
20	Zinc	mg/Kg	425	Maximum 1000.0	Schedule-IV, Part D (10) of FCO, 1985

ANALYZED BY **CHECKED BY** **AUTHORISED SIGNATORY**

MORBI MUNICIPAL CORPRATION

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TEST REPORT

TEST REPORT No.	: E/2507166R	DATE OF ISSUE: 05/07/2025
REPORT ISSUED To	: Municipal corporation	
ADDRESS	: Morbi	
SAMPLE COLLECTED BY	: Self	
SAMPLE DESCRIPTION	: City Compost Fertilizer	

BRAND NAME :	Not Mention		
QUANTITY	BATCH NO.	DOM	DOE
150 gm	Not Mention	Not Mention	Not Mention
DATE OF RECEIPT	DATE OF START ANALYSIS	: 05/07/2025	
05/07/2025	DATE OF COMPLETION OF ANALYSIS	: 05/07/2025	

CHEMICAL PARAMETERS:

SR. NO.	TEST PARAMETER	UNIT	METHOD	RESULT
1.	Stone	%	Physical Observation	77.4
2.	Glass	%	Physical Observation	2.4
3.	Woodchops	%	Physical Observation	2.2
4.	Metal Fragments	%	Physical Observation	2.1
5.	Plastic Scrapes	%	Physical Observation	0.3
6.	Moisture	%	Physical Observation	8.7
7.	Hazardeous Materials	%	Physical Observation	0.3
8.	Electric Conductivity	%	Physical Observation	32.4

REMARKS:

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2 The test report pertains to the sample tested.
3 Sample not drawn by lab representative.
4 All above Parameters are not covered/Not accredited under NABL Scope of Accreditation.
5 The Information about sample, and customer details provided by customer & Testing carried out according to customers request only.

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MUKESH PARMAR

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TEST REPORT

TEST REPORT No. : E/2506376 **DATE OF ISSUE: 30/06/2025**
REPORT ISSUED To : Shree Tulsi Enterprise
ADDRESS : Rajkot
SAMPLE COLLECTED BY : Self
SAMPLE DESCRIPTION : City Compost

BRAND NAME:	Not Mention		
QUANTITY	BATCH NO.	DOM	DOE
2 Kg	Not Mention	Not Mention	Not Mention
DATE OF RECEIPT	DATE OF START ANALYSIS	: 26/06/2025	
26/06/2025	DATE OF COMPLETION OF ANALYSIS	: 30/06/2025	

CHEMICAL PARAMETERS:

SR. NO.	TESTS	UNIT	RESULT
1.	Potassium (as K2O)	%	1.05
2.	Phosphorous (as P2O5)	%	0.005
3.	Nitrogen (as NO2)	%	0.30
4.	Moisture	%	22.23
5.	pH	--	7.76
6.	Electric Conductivity	ms/cm^2	2.38
7.	Total Organic Carbon	%	9.34

MICROBIOLOGICAL PARAMETERS:

SR. NO.	TESTS	UNIT	RESULT
1.	Total Plate Count	CFU/g	1.81×10^2

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3 Sample not drawn by us.
4 All above Parameters are not covered/Not accredited under NABL Scope of Accreditation.
5 The Information about sample, and customer details provided by customer & Testing carried out according to customers request only.

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SUNIL SANGANI

*** End of Report ***

If you have any complaint /feedback regarding the sample collection, testing, test report please send an email

Envitro Group Of Companies, 6-Naval Nagar Corner, Mavdi Main Road, Rajkot-360004 Gujrat, India.
admin@envitrolabs.com www.envitrolabs.com +91 99042 27274 | 73599 27274

DAHOD NAGARPALIKA

ITS TESTING LABORATORY PRIVATE LIMITED

Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.)
(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)
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TEST REPORT
COMPOST ANALYSIS

Report Code: MS-010225-06 **Issue Date: 07/02/2025**

ISSUE TO: M/S. Daya Charan & Company
1st Floor, RZ-79-80, Main Road, Pump House, Dabri Extension, New Delhi, South West Delhi, - 110045 India

SAMPLING & ANALYSIS DATA

Sample Description	:	**Bio Soil**
Sampling Location	:	**Indore Road Water Works dump Yard site in Dahod Gujarat (Nagar Palika Dahod)**
Sample Drawn By	:	**Customer**
Sample Quantity	:	5Kg
Weather Condition	:	Clear
Sample Received On	:	01/02/2025
Analysis Duration	:	01/02/2025 To 07/02/2025

S.No.	Parameter	Test Method	Result	Standard Value (FCO/1985)
1.	Total Organic Carbon (% By mass)	FCO/1985	15.88	14 (min)
2.	Moisture (% By Mass)	FCO/1985	21.26	15.0-25.0
3.	Total Nitrogen (% by mass)	FCO/1985	0.92	0.8 (min)
4	Bulk Density (gm/cm^3)	FCO/1985	0.21	<1.0 (max)
5.	Total Phosphate (as P2O5)	FCO/1985	0.66	0.4(min)
6.	Total Potash (as K2O)	FCO/1985	0.59	0.4 (min)
7.	Colour	Visual	Dark Brown	Dark Brown to black
8.	Conductivity (Dsm-^{1})	IS:3025 (Part-14)	3.2	<4.0 (max)
9.	pH	ISO-17184-2014	7.44	6.5-7.5
10.	C/N Ratio	calculation	18.96	<20
11.	Odour	IS:3025 (Part-05)	Absent of Foul Odour	-
Heavy Metal Content				
	Arsenic (as AS2O3) , mg/kg	ISO-20280-2007	5.62	10.0 max
	Cadmium (as Cd) , mg/kg	ISO-11265-1994	ND<1.0	5.0 max
	Chromium (as Cr) , mg/kg	ISO-11265-1994	42.9	50.00 max
	Copper (as Cu) , mg/kg	ISO-11265-1994	126.8	300.00 max
	Mercury (as Hg) , mg/kg	ISO-11265-1994	ND <0.1	0.15 max
	Nickel (as Ni) , mg/kg	ISO-11265-1994	47.25	50.0 max
	Lead (as Pb) , mg/kg	ISO-11265-1994	10.22	100.00 max
	Zinc (as Zn) , mg/kg	ISO-11265-1994	0.0179	0.1 max
12.	Particle size sieve analysis(6.0 mm) %	IS:2720(part-4)1985	92.73	Min 90% Material should pass through 4.0 IS Seive

Reviewed by

NAGAR PALIKA, DAHOD ESTD-1875 DIST.DAHOD

ITS TESTING LABORATORY PVT. LTD.

Authorized Signatory

Terms & Conditions :
1. Test reports are valid only for the samples tested in our laboratory. 2. Samples will destroyed as per quality policy.
3. Any complaints about the report should be communicated in writing within 7 days.
4. Total liability of our laboratory is limited to invoiced amount.

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Report Code: MS-010225-06
Doc. No. – ITS/7.8-01, Page No. – 02 of 02

Microbiological Analysis Parameter

Sr. No	Parameter	Test Method	Result	Required as Per IS:-10500:2012
1.	Escherichia Coli (/30g)	IS:16556	Absent	-

Note: - Report shall not be produce except in full without approval of the laboratory.

Kritika
Reviewed by

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

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DAHOD NAGAR PALIKA, DAHOD, DIST. DAHOD, ESTD-1875

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Report Code: MS-040225-03
Doc. No. – ITS/7.8-01, Page No. – 01 189 2

TEST REPORT

COMPOST ANALYSIS

Report Code: MS-040225-03 **Issue Date: 10/02/2025**

ISSUE TO: M/S. Daya Charan & Company
1st Floor, RZ-79-80, Main Road, Pump House, Dabri Extension, New Delhi, South West Delhi, - 110045 India

SAMPLING & ANALYSIS DATA

Sample Description	:	**Bio Soil**
Sampling Location	:	**Indore Road Water Works dump Yard site in Dahod Gujarat (Nagar Palika Dahod)**
Sample Drawn By	:	**Customer**
Sample Quantity	:	5Kg
Weather Condition	:	Clear
Sample Received On	:	04/02/2025
Analysis Duration	:	04/02/2025 To 10/02/2025

S.No.	Parameter	Test Method	Result	Standard Value (FCO/1985)
1.	Total Organic Carbon (% By mass)	FCO/1985	16.02	14 (min)
2.	Moisture (% By Mass)	FCO/1985	20.88	15.0-25.0
3.	Total Nitrogen (% by mass)	FCO/1985	0.90	0.8 (min)
4	Bulk Density (gm/cm^3)	FCO/1985	0.25	<1.0 (max)
5.	Total Phosphate (as P2O5)	FCO/1985	0.59	0.4(min)
6.	Total Potash (as K2O)	FCO/1985	0.62	0.4 (min)
7.	Colour	Visual	Dark Brown	Dark Brown to black
8.	Conductivity (Dsm^{-1})	IS:3025 (Part-14)	3.0	<4.0 (max)
9.	pH	ISO-17184-2014	7.21	6.5-7.5
10.	C/N Ratio	calculation	19.62	<20
11.	Odour	IS:3025 (Part-05)	Absent of Foul Odour	-
Heavy Metal Content				
	Arsenic (as AS2O3), mg/kg	ISO-20280-2007	6.61	10.0 max
	Cadmium (as Cd), mg/kg	ISO-11265-1994	ND<1.0	5.0 max
	Chromium (as Cr), mg/kg	ISO-11265-1994	43.8	50.00 max
	Copper (as Cu), mg/kg	ISO-11265-1994	120.8	300.00 max
	Mercury (as Hg), mg/kg	ISO-11265-1994	ND <0.1	0.15 max
	Nickel (as Ni), mg/kg	ISO-11265-1994	46.82	50.0 max
	Lead (as Pb), mg/kg	ISO-11265-1994	11.36	100.00 max
	Zinc (as Zn), mg/kg	ISO-11265-1994	0.0180	0.1 max
12.	Particle size sieve analysis(6.0 mm) %	IS:2720(part-4)1985	92.61	Min 90% Material should pass through 4.0 IS Seive

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Report Code: MS-040225-03
Doc. No. – ITS/7.8-01, Page No. – 02 of 02

Microbiological Analysis Parameter

Sr. No	Parameter	Test Method	Result	Required as Per IS:-10500:2012
1.	Escherichia Coli (/30g)	IS:16556	Absent	-

Note: - Report shall not be produce except in full without approval of the laboratory.

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Report Code: MS-080225-08
Doc. No. – ITS/7.8-01, Page No. – 01 189 2

TEST REPORT
COMPOST ANALYSIS

Report Code: MS-080225-08 **Issue Date: 14/02/2025**

ISSUE TO: M/S. Daya Charan & Company
1st Floor, RZ-79-80, Main Road, Pump House, Dabri Extension, New Delhi, South West Delhi, - 110045 India

SAMPLING & ANALYSIS DATA

Sample Description	:	**Bio Soil**
Sampling Location	:	**Indore Road Water Works dump Yard site in Dahod Gujarat (Nagar Palika Dahod)**
Sample Drawn By	:	**Customer**
Sample Quantity	:	5Kg
Weather Condition	:	Clear
Sample Received On	:	08/02/2025
Analysis Duration	:	08/02/2025 To 14/02/2025

S.No.	Parameter	Test Method	Result	Standard Value (FCO/1985)
1.	Total Organic Carbon (% By mass)	FCO/1985	15.96	14 (min)
2.	Moisture (% By Mass)	FCO/1985	20.78	15.0-25.0
3.	Total Nitrogen (% by mass)	FCO/1985	0.89	0.8 (min)
4	Bulk Density (gm/cm^3)	FCO/1985	0.27	<1.0 (max)
5.	Total Phosphate (as P2O5)	FCO/1985	0.64	0.4(min)
6.	Total Potash (as K2O)	FCO/1985	0.58	0.4 (min)
7.	Colour	Visual	Dark Brown	Dark Brown to black
8.	Conductivity (Dsm-^{1})	IS:3025 (Part-14)	3.7	<4.0 (max)
9.	pH	ISO-17184-2014	7.28	6.5-7.5
10.	C/N Ratio	calculation	18.16	<20
11.	Odour	IS:3025 (Part-05)	Absent of Foul Odour	-
Heavy Metal Content				
	Arsenic (as AS2O3), mg/kg	ISO-20280-2007	5.96	10.0 max
	Cadmium (as Cd), mg/kg	ISO-11265-1994	ND<1.0	5.0 max
	Chromium (as Cr), mg/kg	ISO-11265-1994	44.85	50.00 max
	Copper (as Cu), mg/kg	ISO-11265-1994	122.70	300.00 max
	Mercury (as Hg), mg/kg	ISO-11265-1994	ND <0.1	0.15 max
	Nickel (as Ni), mg/kg	ISO-11265-1994	47.62	50.0 max
	Lead (as Pb), mg/kg	ISO-11265-1994	12.25	100.00 max
	Zinc (as Zn), mg/kg	ISO-11265-1994	0.0189	0.1 max
12.	Particle size sieve analysis(6.0 mm) %	IS:2720(part-4)1985	92.25	Min 90% Material should pass through 4.0 IS Seive

Reviewed by

Authorized Signatory

(Stamp: DAHOD NAGAR PALIKA, DAHOD, ESTD 1875, DIST DAHOD)
(Stamp: ITS TESTING LABORATORY PVT. LTD.)

ITS TESTING LABORATORY PRIVATE LIMITED

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Microbiological Analysis Parameter

Sr. No	Parameter	Test Method	Result	Required as Per IS:-10500:2012
1.	Escherichia Coli (/30g)	IS:16556	Absent	-

Note: - Report shall not be produce except in full without approval of the laboratory.

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End of Report

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Report Code: MS-120225-10
Doc. No. – ITS/7.8-01, Page No. – 01 189 2

TEST REPORT

COMPOST ANALYSIS

Report Code: MS-120225-10 **Issue Date: 18/02/2025**

ISSUE TO: M/S. Daya Charan & Company
1st Floor, RZ-79-80, Main Road, Pump House, Dabri Extension, New Delhi, South West Delhi, - 110045 India

SAMPLING & ANALYSIS DATA

Sample Description	:	**Bio Soil**
Sampling Location	:	**Indore Road Water Works dump Yard site in Dahod Gujarat (Nagar Palika Dahod)**
Sample Drawn By	:	**Customer**
Sample Quantity	:	5Kg
Weather Condition	:	Clear
Sample Received On	:	12/02/2025
Analysis Duration	:	12/02/2025 To 18/02/2025

S.No.	Parameter	Test Method	Result	Standard Value (FCO/1985)
1.	Total Organic Carbon (% By mass)	FCO/1985	16.27	14 (min)
2.	Moisture (% By Mass)	FCO/1985	22.46	15.0-25.0
3.	Total Nitrogen (% by mass)	FCO/1985	0.84	0.8 (min)
4	Bulk Density (gm/cm^3)	FCO/1985	0.26	<1.0 (max)
5.	Total Phosphate (as P_2O_5)	FCO/1985	0.68	0.4(min)
6.	Total Potash (as K_2O)	FCO/1985	0.56	0.4 (min)
7.	Colour	Visual	Dark Brown	Dark Brown to black
8.	Conductivity (Dsm^{-1})	IS:3025 (Part-14)	2.9	<4.0 (max)
9.	pH	ISO-17184-2014	7.35	6.5-7.5
10.	C/N Ratio	calculation	18.56	<20
11.	Odour	IS:3025 (Part-05)	Absent of Foul Odour	-
Heavy Metal Content				
	Arsenic (as As_2O_3), mg/kg	ISO-20280-2007	6.60	10.0 max
	Cadmium (as Cd), mg/kg	ISO-11265-1994	ND<1.0	5.0 max
	Chromium (as Cr), mg/kg	ISO-11265-1994	43.85	50.00 max
	Copper (as Cu), mg/kg	ISO-11265-1994	121.76	300.00 max
	Mercury (as Hg), mg/kg	ISO-11265-1994	ND <0.1	0.15 max
	Nickel (as Ni), mg/kg	ISO-11265-1994	48.66	50.0 max
	Lead (as Pb), mg/kg	ISO-11265-1994	13.25	100.00 max
	Zinc (as Zn), mg/kg	ISO-11265-1994	0.0190	0.1 max
12.	Particle size sieve analysis(6.0 mm) %	IS:2720(part-4)1985	92.46	Min 90% Material should pass through 4.0 IS Seive

Kitika
Reviewed by

NAGAR PALIKA DAHOD

ITS TESTING LABORATORY PVT. LTD.
Authorized Signatory

ITS TESTING LABORATORY PRIVATE LIMITED

Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.)
(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)
Website: www.itslab.in, Email: itlrclab@gmail.com, info@itslab.in, contact@itslab.in
+91 9911659800, 9305780312, 09958849764

Microbiological Analysis Parameter

Sr. No	Parameter	Test Method	Result	Required as Per IS:-10500:2012
1.	Escherichia Coli (/30g)	IS:16556	Absent	-

Note: - Report shall not be produce except in full without approval of the laboratory.

Reviewed by

End of Report

Authorized Signatory

ITS TESTING LABORATORY PRIVATE LIMITED

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Report Code: MS-210225-02
Doc. No. – ITS/7.8-01, Page No. – 01 189 2

TEST REPORT

COMPOST ANALYSIS

Report Code: MS-210225-02 **Issue Date: 26/02/2025**

ISSUE TO: M/S. Daya Charan & Company
1st Floor, RZ-79-80, Main Road, Pump House, Dabri Extension, New Delhi, South West Delhi, - 110045 India

SAMPLING & ANALYSIS DATA

Sample Description	:	**Bio Soil**
Sampling Location	:	**Indore Road Water Works dump Yard site in Dahod Gujarat (Nagar Palika Dahod)**
Sample Drawn By	:	**Customer**
Sample Quantity	:	5Kg
Weather Condition	:	Clear
Sample Received On	:	21/02/2025
Analysis Duration	:	21/02/2025 To 26/02/2025

S.No.	Parameter	Test Method	Result	Standard Value (FCO/1985)
1.	Total Organic Carbon (% By mass)	FCO/1985	15.85	14 (min)
2.	Moisture (% By Mass)	FCO/1985	21.34	15.0-25.0
3.	Total Nitrogen (% by mass)	FCO/1985	0.89	0.8 (min)
4	Bulk Density (gm/cm^3)	FCO/1985	0.32	<1.0 (max)
5.	Total Phosphate (as P2O5)	FCO/1985	0.60	0.4(min)
6.	Total Potash (as K2O)	FCO/1985	0.63	0.4 (min)
7.	Colour	Visual	Dark Brown	Dark Brown to black
8.	Conductivity (Dsm^{-1})	IS:3025 (Part-14)	3.8	<4.0 (max)
9.	pH	ISO-17184-2014	7.40	6.5-7.5
10.	C/N Ratio	calculation	19.37	<20
11.	Odour	IS:3025 (Part-05)	Absent of Foul Odour	-
Heavy Metal Content				
	Arsenic (as AS2O3) , mg/kg	ISO-20280-2007	6.99	10.0 max
	Cadmium (as Cd) , mg/kg	ISO-11265-1994	ND<1.0	5.0 max
	Chromium (as Cr) , mg/kg	ISO-11265-1994	44.52	50.00 max
	Copper (as Cu) , mg/kg	ISO-11265-1994	124.08	300.00 max
	Mercury (as Hg) , mg/kg	ISO-11265-1994	ND <0.1	0.15 max
	Nickel (as Ni) , mg/kg	ISO-11265-1994	47.62	50.0 max
	Lead (as Pb) , mg/kg	ISO-11265-1994	12.38	100.00 max
	Zinc (as Zn) , mg/kg	ISO-11265-1994	0.0196	0.1 max
12.	Particle size sieve analysis(6.0 mm) %	IS:2720(part-4)1985	92.24	Min 90% Material should pass through 4.0 IS Seive

Reviewed by

NAGAR PALIKA DAHOD

ITS TESTING LABORATORY PVT. LTD.

Authorized Signatory

Terms & Conditions:
1. Test reports are valid only for the samples tested in our laboratory. 2. Samples will destroyed as per quality policy.
3. Any complaints about the reports should be communicated in writing within 7 days.
4. Liability of our laboratory is limited to the invoiced amount.

ITS TESTING LABORATORY PRIVATE LIMITED

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+91 9911659800, 9305780312, 09958849764

Microbiological Analysis Parameter

Sr. No	Parameter	Test Method	Result	Required as Per IS:-10500:2012
1.	Escherichia Coli (/30g)	IS:16556	Absent	-

Note: - Report shall not be produce except in full without approval of the laboratory.

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Authorized Signatory

End of Report

ITS TESTING LABORATORY PRIVATE LIMITED

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Report Code: MS-270225-01
Doc. No. – ITS/7.8-01, Page No. – 01 189 2

TEST REPORT

COMPOST ANALYSIS

Report Code: MS-270225-01 **Issue Date: 05/03/2025**

ISSUE TO: M/S. Daya Charan & Company
1st Floor, RZ-79-80, Main Road, Pump House, Dabri Extension, New Delhi, South West Delhi, - 110045 India

SAMPLING & ANALYSIS DATA

Sample Description	:	**Bio Soil**
Sampling Location	:	**Indore Road Water Works dump Yard site in Dahod Gujarat (Nagar Palika Dahod)**
Sample Drawn By	:	**Customer**
Sample Quantity	:	5Kg
Weather Condition	:	Clear
Sample Received On	:	27/02/2025
Analysis Duration	:	27/02/2025 To 05/03/2025

S.No.	Parameter	Test Method	Result	Standard Value (FCO/1985)
1.	Total Organic Carbon (% By mass)	FCO/1985	15.22	14 (min)
2.	Moisture (% By Mass)	FCO/1985	22.20	15.0-25.0
3.	Total Nitrogen (% by mass)	FCO/1985	0.92	0.8 (min)
4	Bulk Density (gm/cm^3)	FCO/1985	0.36	<1.0 (max)
5.	Total Phosphate (as P2O5)	FCO/1985	0.62	0.4(min)
6.	Total Potash (as K2O)	FCO/1985	0.72	0.4 (min)
7.	Colour	Visual	Dark Brown	Dark Brown to black
8.	Conductivity (Dsm-^{1})	IS:3025 (Part-14)	2.7	<4.0 (max)
9.	pH	ISO-17184-2014	7.26	6.5-7.5
10.	C/N Ratio	calculation	18.28	<20
11.	Odour	IS:3025 (Part-05)	Absent of Foul Odour	-
Heavy Metal Content				
	Arsenic (as AS2O3) , mg/kg	ISO-20280-2007	7.62	10.0 max
	Cadmium (as Cd) , mg/kg	ISO-11265-1994	ND<1.0	5.0 max
	Chromium (as Cr) , mg/kg	ISO-11265-1994	45.58	50.00 max
	Copper (as Cu) , mg/kg	ISO-11265-1994	123.22	300.00 max
	Mercury (as Hg) , mg/kg	ISO-11265-1994	ND <0.1	0.15 max
	Nickel (as Ni) , mg/kg	ISO-11265-1994	46.77	50.0 max
	Lead (as Pb) , mg/kg	ISO-11265-1994	13.78	100.00 max
	Zinc (as Zn) , mg/kg	ISO-11265-1994	0.0182	0.1 max
12.	Particle size sieve analysis(6.0 mm) %	IS:2720(part-4)1985	92.36	Min 90% Material should pass through 4.0 IS Seive

Reviewed by

DAHOD NAGAR PALIKA DAHOD ESTD-1875 DIST.DAHOD

ITS TESTING LABORATORY PVT. LTD.

Authorized Signatory

Terms & Conditions
1. Test reports are valid only for the samples tested in our laboratory. 2. Samples will destroyed as per quality policy.
3. Any complaints about the report should be communicated in writing within 7 days.
4. Total liability of our laboratory is limited to invoiced amount.

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+91 9911659800, 9305780312, 09958849764

Microbiological Analysis Parameter

Sr. No	Parameter	Test Method	Result	Required as Per IS:-10500:2012
1.	Escherichia Coli (/30g)	IS:16556	Absent	-

Note: - Report shall not be produce except in full without approval of the laboratory.

Reviewed by

ITS TESTING LABORATORY PVT. LTD.

Authorized Signatory

End of Report

ITS TESTING LABORATORY PRIVATE LIMITED

ITS Laboratory

Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.)
(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)
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Report Code: MS-030325-08
Doc. No. – ITS/7.8-01, Page No. – 01 189 2

TEST REPORT

COMPOST ANALYSIS

Report Code: MS-030325-08 **Issue Date: 08/03/2025**

ISSUE TO: M/S. Daya Charan & Company
1st Floor, RZ-79-80, Main Road, Pump House, Dabri Extension, New Delhi, South West Delhi, - 110045 India

SAMPLING & ANALYSIS DATA

Sample Description	:	**Bio Soil**
Sampling Location	:	**Indore Road Water Works dump Yard site in Dahod Gujarat (Nagar Palika Dahod)**
Sample Drawn By	:	**Customer**
Sample Quantity	:	5Kg
Weather Condition	:	Clear
Sample Received On	:	03/03/2025
Analysis Duration	:	03/03/2025 To 08/03/2025

S.No.	Parameter	Test Method	Result	Standard Value (FCO/1985)
1.	Total Organic Carbon (% By mass)	FCO/1985	16.09	14 (min)
2.	Moisture (% By Mass)	FCO/1985	21.46	15.0-25.0
3.	Total Nitrogen (% by mass)	FCO/1985	0.96	0.8 (min)
4	Bulk Density (gm/cm^3)	FCO/1985	0.42	<1.0 (max)
5.	Total Phosphate (as P2O5)	FCO/1985	0.68	0.4(min)
6.	Total Potash (as K2O)	FCO/1985	0.79	0.4 (min)
7.	Colour	Visual	Dark Brown	Dark Brown to black
8.	Conductivity (Dsm^{-1})	IS:3025 (Part-14)	3.6	<4.0 (max)
9.	pH	ISO-17184-2014	7.33	6.5-7.5
10.	C/N Ratio	calculation	18.96	<20
11.	Odour	IS:3025 (Part-05)	Absent of Foul Odour	-
Heavy Metal Content				
	Arsenic (as AS2O3), mg/kg	ISO-20280-2007	6.78	10.0 max
	Cadmium (as Cd), mg/kg	ISO-11265-1994	ND<1.0	5.0 max
	Chromium (as Cr), mg/kg	ISO-11265-1994	44.32	50.00 max
	Copper (as Cu), mg/kg	ISO-11265-1994	120.63	300.00 max
	Mercury (as Hg), mg/kg	ISO-11265-1994	ND <0.1	0.15 max
	Nickel (as Ni), mg/kg	ISO-11265-1994	47.60	50.0 max
	Lead (as Pb), mg/kg	ISO-11265-1994	14.25	100.00 max
	Zinc (as Zn), mg/kg	ISO-11265-1994	0.0190	0.1 max
12.	Particle size sieve analysis(6.0 mm) %	IS:2720(part-4)1985	92.43	Min 90% Material should pass through 4.0 IS Seive

Kritika
Reviewed by

DIST. DAHOD

ITS TESTING LABORATORY PVT. LTD.
Authorized Signatory

ITS TESTING LABORATORY PRIVATE LIMITED

Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.)
(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)
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Report Code: MS-030325-08
Doc. No. – ITS/7.8-01, Page No. – 02 of 02

Microbiological Analysis Parameter

Sr. No	Parameter	Test Method	Result	Required as Per IS:-10500:2012
1.	Escherichia Coli (/30g)	IS:16556	Absent	-

Note: - Report shall not be produce except in full without approval of the laboratory.

Reviewed by

Authorized Signatory

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

ITS TESTING LABORATORY PRIVATE LIMITED

Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.)
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TEST REPORT
COMPOST ANALYSIS

Report Code: MS-070425-10 **Issue Date: 10/04/2025**

ISSUE TO: M/S. Daya Charan & Company
1st Floor, RZ-79-80, Main Road, Pump House, Dabri Extension, New Delhi, South West Delhi, - 110045 India

SAMPLING & ANALYSIS DATA

Sample Description	:	**Bio Soil**
Sampling Location	:	**Indore Road Water Works dump Yard site in Dahod Gujarat (Nagar Palika Dahod)**
Sample Drawn By	:	**Customer**
Sample Quantity	:	5Kg
Weather Condition	:	Clear
Sample Received On	:	07/04/2025
Analysis Duration	:	07/04/2025 To 10/04/2025

S.No.	Parameter	Test Method	Result	Standard Value (FCO/1985)
1.	Total Organic Carbon (% By mass)	FCO/1985	15.70	14 (min)
2.	Moisture (% By Mass)	FCO/1985	20.16	15.0-25.0
3.	Total Nitrogen (% by mass)	FCO/1985	0.86	0.8 (min)
4	Bulk Density (gm/cm^3)	FCO/1985	0.16	<1.0 (max)
5.	Total Phosphate (as P2O5)	FCO/1985	0.63	0.4(min)
6.	Total Potash (as K2O)	FCO/1985	0.60	0.4 (min)
7.	Colour	Visual	Dark Brown	Dark Brown to black
8.	Conductivity (Dsm-^{1})	IS:3025 (Part-14)	3.4	<4.0 (max)
9.	pH	ISO-17184-2014	7.36	6.5-7.5
10.	C/N Ratio	calculation	19.62	<20
11.	Odour	IS:3025 (Part-05)	Absent of Foul Odour	-
Heavy Metal Content				
	Arsenic (as AS2O3) , mg/kg	ISO-20280-2007	3.78	10.0 max
	Cadmium (as Cd) , mg/kg	ISO-11265-1994	ND<1.0	5.0 max
	Chromium (as Cr) , mg/kg	ISO-11265-1994	44.26	50.00 max
	Copper (as Cu) , mg/kg	ISO-11265-1994	118.20	300.00 max
	Mercury (as Hg) , mg/kg	ISO-11265-1994	ND <0.1	0.15 max
	Nickel (as Ni) , mg/kg	ISO-11265-1994	47.52	50.0 max
	Lead (as Pb) , mg/kg	ISO-11265-1994	9.96	100.00 max
	Zinc (as Zn) , mg/kg	ISO-11265-1994	0.0177	0.1 max
12.	Particle size sieve analysis(6.0 mm) %	IS:2720(part-4)1985	92.63	Min 90% Material should pass through 4.0 IS Seive

Reviewed by

DAHOD NAGAR PALIKA, DAHOD

ITS TESTING LABORATORY PVT. LTD.

Authorized Signatory

ITS TESTING LABORATORY PRIVATE LIMITED

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Report Code: MS-070425-10
Doc. No. – ITS/7.8-01, Page No. – 02 of 02

Microbiological Analysis Parameter

Sr. No	Parameter	Test Method	Result	Required as Per IS:-10500:2012
1.	Escherichia Coli (/30g)	IS:16556	Absent	-

Note: - Report shall not be produce except in full without approval of the laboratory.

Reviewed by

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

ITS TESTING LABORATORY PVT. LTD.
Authorized Signatory

DAHOD NAGAR PALIKA, DAHOD
ESTD-1875
DIST.DAHOD

ITS TESTING LABORATORY PRIVATE LIMITED

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Report Code: MS-120325-06
Doc. No. – ITS/7.8-01, Page No. – 01 189 2

TEST REPORT
COMPOST ANALYSIS

Report Code: MS-120325-06 **Issue Date: 16/03/2025**

ISSUE TO: M/S. Daya Charan & Company
1st Floor, RZ-79-80, Main Road, Pump House, Dabri Extension, New Delhi, South West Delhi, - 110045 India

SAMPLING & ANALYSIS DATA

Sample Description	:	**Bio Soil**
Sampling Location	:	**Indore Road Water Works dump Yard site in Dahod Gujarat (Nagar Palika Dahod)**
Sample Drawn By	:	**Customer**
Sample Quantity	:	5Kg
Weather Condition	:	Clear
Sample Received On	:	12/03/2025
Analysis Duration	:	12/03/2025 To 16/03/2025

S.No.	Parameter	Test Method	Result	Standard Value (FCO/1985)
1.	Total Organic Carbon (% By mass)	FCO/1985	15.82	14 (min)
2.	Moisture (% By Mass)	FCO/1985	21.25	15.0-25.0
3.	Total Nitrogen (% by mass)	FCO/1985	0.90	0.8 (min)
4	Bulk Density (gm/cm^3)	FCO/1985	0.17	<1.0 (max)
5.	Total Phosphate (as P2O5)	FCO/1985	0.60	0.4(min)
6.	Total Potash (as K2O)	FCO/1985	0.56	0.4 (min)
7.	Colour	Visual	Dark Brown	Dark Brown to black
8.	Conductivity (Dsm^{-1})	IS:3025 (Part-14)	3.8	<4.0 (max)
9.	pH	ISO-17184-2014	7.38	6.5-7.5
10.	C/N Ratio	calculation	19.20	<20
11.	Odour	IS:3025 (Part-05)	Absent of Foul Odour	-
Heavy Metal Content				
	Arsenic (as AS2O3) , mg/kg	ISO-20280-2007	4.69	10.0 max
	Cadmium (as Cd) , mg/kg	ISO-11265-1994	ND<1.0	5.0 max
	Chromium (as Cr) , mg/kg	ISO-11265-1994	43.58	50.00 max
	Copper (as Cu) , mg/kg	ISO-11265-1994	121.6	300.00 max
	Mercury (as Hg) , mg/kg	ISO-11265-1994	ND <0.1	0.15 max
	Nickel (as Ni) , mg/kg	ISO-11265-1994	48.36	50.0 max
	Lead (as Pb) , mg/kg	ISO-11265-1994	10.32	100.00 max
	Zinc (as Zn) , mg/kg	ISO-11265-1994	0.0182	0.1 max
12.	Particle size sieve analysis(6.0 mm) %	IS:2720(part-4)1985	92.70	Min 90% Material should pass through 4.0 IS Seive

Reviewed by

DAHOD NAGAR PALIKA DAHOD ESTD-1875 DIST.DAHOD

ITS TESTING LABORATORY PVT. LTD.

Authorized Signatory

Terms & Conditions :
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+91 9911659800, 9305780312, 09958849764

Microbiological Analysis Parameter

Sr. No	Parameter	Test Method	Result	Required as Per IS:-10500:2012
1.	Escherichia Coli (/30g)	IS:16556	Absent	-

Note: - Report shall not be produce except in full without approval of the laboratory.

Kavita
Reviewed by

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

Authorized Signatory

DAHOD NAGAR PALIKA, DAHOD * ESTD-1875 * DIST.DAHOD

ITS TESTING LABORATORY PRIVATE LIMITED

Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.)
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TEST REPORT

COMPOST ANALYSIS

Report Code: MS-220125-83 **Issue Date: 28/01/2025**

ISSUE TO: M/S. Daya Charan & Company
1st Floor, RZ-79-80, Main Road, Pump House, Dabri Extension, New Delhi, South West Delhi, - 110045 India

SAMPLING & ANALYSIS DATA

Sample Description	:	**Bio Soil**
Sampling Location	:	**Indore Road Water Works dump Yard site in Dahod Gujarat (Nagar Palika Dahod)**
Sample Drawn By	:	**Customer**
Sample Quantity	:	5Kg
Weather Condition	:	Clear
Sample Received On	:	22/01/2025
Analysis Duration	:	22/01/2025 To 28/01/2025

S.No.	Parameter	Test Method	Result	Standard Value (FCO/1985)
1.	Total Organic Carbon (% By mass)	FCO/1985	17.21	14 (min)
2.	Moisture (% By Mass)	FCO/1985	22.24	15.0-25.0
3.	Total Nitrogen (% by mass)	FCO/1985	0.92	0.8 (min)
4	Bulk Density (gm/cm^3)	FCO/1985	0.44	<1.0 (max)
5.	Total Phosphate (as P2O5)	FCO/1985	0.70	0.4(min)
6.	Total Potash (as K2O)	FCO/1985	0.82	0.4 (min)
7.	Colour	Visual	Dark Brown	Dark Brown to black
8.	Conductivity (Dsm^{-1})	IS:3025 (Part-14)	2.6	<4.0 (max)
9.	pH	ISO-17184-2014	7.42	6.5-7.5
10.	C/N Ratio	calculation	18.90	<20
11.	Odour	IS:3025 (Part-05)	Absent of Foul Odour	-
Heavy Metal Content				
	Arsenic (as AS2O3), mg/kg	ISO-20280-2007	7.25	10.0 max
	Cadmium (as Cd), mg/kg	ISO-11265-1994	ND<1.0	5.0 max
	Chromium (as Cr), mg/kg	ISO-11265-1994	43.82	50.00 max
	Copper (as Cu), mg/kg	ISO-11265-1994	123.58	300.00 max
	Mercury (as Hg), mg/kg	ISO-11265-1994	ND <0.1	0.15 max
	Nickel (as Ni), mg/kg	ISO-11265-1994	47.0	50.0 max
	Lead (as Pb), mg/kg	ISO-11265-1994	15.58	100.00 max
	Zinc (as Zn), mg/kg	ISO-11265-1994	0.0193	0.1 max
12.	Particle size sieve analysis(6.0 mm) %	IS:2720(part-4)1985	92.46	Min 90% Material should pass through 4.0 IS Seive

Reviewed by

DAHOD NAGAR PALIKA DAHOD ESTD-1875 DIST.DAHOD

ITS TESTING LABORATORY PVT. LTD.

Authorized Signatory

Terms & Conditions :
1. Test reports are valid only for the samples tested in our laboratory. 2. Samples will destroyed as per quality policy.
3. Any complaints about the report should be communicated in writing within 7 days.
4. Total liability or our laboratory is limited to invoiced amount.

ITS TESTING LABORATORY PRIVATE LIMITED

Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.)
(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)
Website: www.itslab.in, Email: itlrclab@gmail.com, info@itslab.in, contact@itslab.in
+91 9911659800, 9305780312, 09958849764

Microbiological Analysis Parameter

Sr. No	Parameter	Test Method	Result	Required as Per IS:-10500:2012
1.	Escherichia Coli (/30g)	IS:16556	Absent	-

Note: - Report shall not be produce except in full without approval of the laboratory.

Kavitika
Reviewed by

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

Authorized Signatory

DAHOD NAGAR PALIKA, DAHOD ESTD-1975 DIST.DAHOD

ITS TESTING LABORATORY PRIVATE LIMITED

Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.)
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+91 9911659800, 9305780312, 09958849764

TEST REPORT

COMPOST ANALYSIS

Report Code: MS-250125-189 **Issue Date: 31/01/2025**

ISSUE TO: M/S. Daya Charan & Company
1st Floor, RZ-79-80, Main Road, Pump House, Dabri Extension, New Delhi, South West Delhi, - 110045 India

SAMPLING & ANALYSIS DATA

Sample Description	:	**Bio Soil**
Sampling Location	:	**Indore Road Water Works dump Yard site in Dahod Gujarat (Nagar Palika Dahod)**
Sample Drawn By	:	**Customer**
Sample Quantity	:	5Kg
Weather Condition	:	Clear
Sample Received On	:	25/01/2025
Analysis Duration	:	25/01/2025 To 31/01/2025

S.No.	Parameter	Test Method	Result	Standard Value (FCO/1985)
1.	Total Organic Carbon (% By mass)	FCO/1985	16.86	14 (min)
2.	Moisture (% By Mass)	FCO/1985	21.01	15.0-25.0
3.	Total Nitrogen (% by mass)	FCO/1985	0.93	0.8 (min)
4	Bulk Density (gm/cm^3)	FCO/1985	0.46	<1.0 (max)
5.	Total Phosphate (as P2O5)	FCO/1985	0.72	0.4(min)
6.	Total Potash (as K2O)	FCO/1985	0.80	0.4 (min)
7.	Colour	Visual	Dark Brown	Dark Brown to black
8.	Conductivity (Dsm-^{1})	IS:3025 (Part-14)	3.4	<4.0 (max)
9.	pH	ISO-17184-2014	7.52	6.5-7.5
10.	C/N Ratio	calculation	17.22	<20
11.	Odour	IS:3025 (Part-05)	Absent of Foul Odour	-
Heavy Metal Content				
	Arsenic (as AS2O3) , mg/kg	ISO-20280-2007	6.96	10.0 max
	Cadmium (as Cd) , mg/kg	ISO-11265-1994	ND<1.0	5.0 max
	Chromium (as Cr) , mg/kg	ISO-11265-1994	44.36	50.00 max
	Copper (as Cu) , mg/kg	ISO-11265-1994	122.10	300.00 max
	Mercury (as Hg) , mg/kg	ISO-11265-1994	ND <0.1	0.15 max
	Nickel (as Ni) , mg/kg	ISO-11265-1994	46.8	50.0 max
	Lead (as Pb) , mg/kg	ISO-11265-1994	16.63	100.00 max
	Zinc (as Zn) , mg/kg	ISO-11265-1994	0.0188	0.1 max
12	Particle size sieve analysis(6.0 mm) %	IS:2720(part-4)1985	93.25	Min 90% Material should pass through 4.0 IS Seive

Reviewed by

DAHOD NAGAR PALIKA, DAHOD ESTD-1875 DIST.DAHOD

Authorized Signatory

ITS TESTING LABORATORY PVT. LTD.

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+91 9911659800, 9305780312, 09958849764

Report Code: MS-220125-189
Doc. No. – ITS/7.8-01, Page No. – 02 of 02

Microbiological Analysis Parameter

Sr. No	Parameter	Test Method	Result	Required as Per IS:-10500:2012
1.	Escherichia Coli (/30g)	IS:16556	Absent	-

Note: - Report shall not be produce except in full without approval of the laboratory.

Reviewed by

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

Authorized Signatory

DAHOD NAGAR PALIKA, DAHOD ESTD-1875 DIST.DAHOD

DABHOI NAGARPALIKA

3124

Analytical & Environmental Services

ISO 9001:2015 Certified Laboratory
350, GIDC, Makarpura Industrial Estate,
Baroda - 390 010, Gujarat, India.

NS/0226/2025/22/01/2025		Date Of Issue: 25.01.2025
NS/0226/2025/22/01/2025		Date Of Receipt: 22.01.2025
Matru Energy Services Corporation		
A/29 Pancham Duplex New VIP Road Vadodara		
Samir Rathod		Mfg Date: NA
City Compost Material from Dabhoi City Waste		Exp Date: NA
Sample Packed in Plastic Bag		
22/01/2025 to 22/01/2025		

PHYSICAL AND CHEMICAL CHERACTERISTICS OF MSW COMPOST

Sr. No.	Parameter	Value	Nutrient	Value
1	Colour and Odour	Brown and Earthy Smell	Total (N%)	0.896±0.03
2	Moisture Content (%)	25 ± 1.56	K (%)	0.45 ± 0.02
3	Water Holding Capacity(ml/kg)	840 ±	P (%)	0.30 ± 0.01
4	Bulk Density (g/cc)	0.587±0.02	S (%)	0.46 ± 0.02
5	Particle Density (g/cc)	1.17 ± 0.05	Ca(mg/kg)	13636 ±85.5
6	Porosity (%)	49.82 ±2.6	Fe (mg/kg)	8939 ± 55.5
7	Ph (Compost: Water = 1: 2.5)	7.3 ±0.30	Mg (mg/kg)	2386±22.15
8	EC (ds/m)	2.6 ±0.49		
9	Organic Matter	22.5 ± 1.75		
10	C: N Ratio	14.5 ±1.12		

End of Report

For Analytical & Environmental Services
Authorized Signatory
K. A. Patel
Co-Ordinator

REMARKS The sample was collected and submitted by the costumer.
The results of the report are limited only to the sample submitted.
The report can not be used for any legal purpose.
The report shall not be reproduced except in full, without written approval of the Laboratory (Analytical and Environment Services).

DEVGADH BARIA NAGARPALIKA

SUPREME ENVIROCARE

Support : +91-79-25895975/+91-79-40084539
Email : ehs@supremeg.com

F: 40, Rudrax Complex, Opp. Annapurna Restaurant, Phase III, Vatva, Ahmedabad-382445, India

Report No.: SE/SLUDGE/062507
Date : 16/06/2025

ANALYSIS REPORT

Name Of The Company : **The Chief Officer. DAHOD-DEVGADH BARIYA**

Address : Near Water Tank, New Thakorvada Road, Devgadh Baria, Tal: Devgadh Bariya, Dist: Dahod.

Sampling date : 11.06.2025

Sample Collected By : Client

Sample Description : W2CP Compost

Name of Work : Waste to compost plant (W2CP)

Result

SR. No.	PARAMETER	Unit	Results
1	Moisture	%	32.9
2	pH	--	7.51
3	Odour	--	Absence of foul odour
4	Conductivity	mS/cm	10.2
5	Colour	--	Black
6	C:N Ration	--	71:49
7	Bulk Density	g/cm^3	1.71
8	Total Organic Carbon	%	18.3
9	Nitrogen	%	5.2
10	Potassium as K_2O	%	1.6

SUPREME
ENVIROCARE

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Email : ehs@supremeg.com

F: 40, Rudrax Complex, Opp. Annapurna Restaurant, Phase III, Vatva, Ahmedabad-382445, India

11	Phosphorous as P_2O_5	%	3.1
12	Cadmium as Cd	mg/kg	4.2
13	Arsenic as As_2O_3	mg/kg	1.6
14	Chromium as Cr	mg/kg	29.7
15	Copper as Cu	mg/kg	86.3
16	Lead as Pb	mg/kg	16.3
17	Mercury as Hg	mg/kg	<0.10 (BDL)
18	Nickel as Ni	mg/kg	34.7
19	Zinc as Zn	mg/kg	102.9

NOTE: ND: NOT DETECTION
BDL: BELOW DETECTION LIMIT

SUPREME ENVIROCARE, GPCB APPROVED * GUJARAT STATE

FOR SUPREME ENVIROCARE

AUTHORISED SIGNATORY

PETLAD

NAGARPALIKA

3129

M.A.C.1

પેટલાદ નગરપાલિકા, પેટલાદ

સામાન્ય પહોંચ

પેટલાદ નગરપાલિકા

13311

શ્રી કાઠીયાવાડ એગ્રો પ્રોડક્ટ્સ તરફથી

રૂા. ૨૧૭૦=૦૦ (અંકે રૂપિયા બે હજાર પાંચસો સિત્તેર પુરા) ની રકમ 3020 Kg ખાતર પેટે ખાતે મલી છે.

તા. 25/12/2023

વસુલ કરનારની સહી

M.A.C.1

પેટલાદ નગરપાલિકા, પેટલાદ

સામાન્ય પહોંચ

13310

શ્રી કાઠીયાવાડ એગ્રો પ્રોડક્ટસ તરફથી

રૂ. ૨૭૪૧=૦૦ (અકે રૂપિયા બે હજાર સાતસો એકતાળીસપુરા) -

ની રકમ 32.20kg ખાતર પેટે ખાતે મલી છે.

તા. ૨૨/૧૧/૨૦૨૪

વસુલ કરનારની સહી

M.A.C.1

પેટલાદ નગરપાલિકા, પેટલાદ

સામાન્ય પહોંચ

13309

શ્રી કાઠીયાવાડ એગ્રો પ્રોડક્ટસ તરફથી

રૂા. ૨૯૦૨=૦૦ (અંકે રૂપિયા બે હજાર નવસો બે પુરા/-)

ની રકમ ૩૪૧૦ Kg ખાતર પેટે ખાતે મલી છે.

તા.૨૮/૧૧/૨૦૨૪

વસુલ કરનારની સહી

M.A.C.1

પેટલાદ નગરપાલિકા, પેટલાદ

સામાન્ય પહોંચ

13308

શ્રી કાઠીયાવાડ એગ્રો પ્રોડક્ટસ તરફથી

રૂા. ૨૨૪૬=૦૦ (અંકે રૂપિયા બે હજાર બસો છેતાલીસ પુરા) ની રકમ ૨૬૩૫ Kg ખાતર પેટે ખાતે મળી છે.

તા. ૨૦/૧૧/૨૦૨૪

વસુલ કરનારની સહી

M.A.C.1

પેટલાદ નગરપાલિકા, પેટલાદ

સામાન્ય પહોંચ

13307

શ્રી કાઠિયાવાડ એગ્રો પ્રોડક્ટસ તરફથી

રૂા. ૨૪૬૪=૦૦ (અંકે રૂપિયા બે હજાર ચારસો ચોસઠ પુરા /-)

ની રકમ ૨૫ kg ખાતર પેટે ખાતે મલી છે.

તા. ૨૦/૧૨/૨૦૨૪

વસુલ કરનારની સહી

M.A.C.1

પેટલાદ નગરપાલિકા, પેટલાદ

સામાન્ય પહોંચ 6853

શ્રી કાઠીયાવાડ એગ્રો પ્રોડક્ટસ તરફથી

રૂા. ૨૮૩૩=૦૦ (અંકે રૂપિયા બે હજાર આઠસો તેત્રીસ પુરા)

ની રકમ ૨૮૦૦ Kg ખાતર + ભાડું (૧ ફેરો) ખાતે મળી છે.

તા. ૨૯/ ૧ /૨૦૨૪

વસુલ કરનારની સહી

3135

M.A.C.1

NEFT/RTGS

પેટલાદ નગરપાલિકા, પેટલાદ

ઠે. આણંદ જી.I.D.C વિઠ્ઠલઉદ્યોગનગર

સામાન્ય પહોંચ 6891

મો.નં :- 6399562005

શ્રી વલ્લભ પોલિસ્ટાર

રૂ. 26,320:00 (અંકે રૂપિયા છવ્વીસ હજાર ત્રણસો વીસ પુરા /-

ની રકમ MLP ચ્વા - 2845kg, mix ચ્વા - 3855kg
લાકડા ચ્વા - 1302kg પેટે ખાતે મલી છે.

Reference Id No :- 773113125

તા. 14/3/2024

વસુલ કરનારની સહી

M.A.C.1

પેટલાદ નગરપાલિકા, પેટલાદ

સામાન્ય પહોંચ

4001

શ્રી કાઠિયાવાડ એગ્રો પ્રોડક્ટસ તરફથી

રૂા. ૨૦૬૮=૦૦ (અંકે રૂપિયા બે હજાર અઠ્ઠાવન જુરા/-)

ની રકમ ૨૪૬૫ KG ખાતર પેટે ખાતે મલી છે.

(૦.૯૮૨ રૂા. પ્રતિકિલોગ્રામ)

વસુલ કરનારની સહી

તા. ૯/૨/૨૦૨૫.

Annexure - I : Sewage management in ULBs of Gujarat State

#	(A) Name of ULB	(B) Sewage Status Estimation and Measurement		(C) Sewage Conveyance/sewers			(D) Drains					
		Actual Total Sewage Generation per day (in MLD) (1)	Basis of Estimation	Taregeted Household to be connected to sewers (2)	Households connected (3)	Time targets to complete connectivity (Gap in connectivity) (4)	Sewage and Sullage flowing in open drains (Storm water drains / concretised drains /unlined/ katcha drains) (No. of drains) (5)	Flow in each drain (MLD) (6)	Quality /Characteristics of effluent (7)	Quantity of industrial effluent discharged in drain(MLD) (8)	Final point of discharge of drain (9)	Time bound action plan to prevent sewage discharge into drain (10)
1	Ahmedabad Municipal Corporation	1320.00	Calculated as per 80% of Water Supply	1901145	1874922	Jul-2026	0	NA	NA	0	NA	NA
2	Bhavnagar Municipal Corporation	100.60	Calculated as per 80% of Water Supply	262327	258095	Dec-2027	0	NA	NA	0	NA	NA
3	Gandhinagar Municipal Corporation	98.00	Calculated as per 80% of Water Supply	128500	126860	Sep-2025	0	NA	NA	0	NA	NA
4	Jamnagar Municipal Corporation	84.80	Calculated as per 80% of Water Supply	220288	199226	Dec-2026	1	14	Domestic Sewage	0	In Rangmati river	Jun-2026
5	Junagadh Municipal Corporation	42.40	Calculated as per 80% of Water Supply	94655	78472	Jul-2026	3	3 2 3	Domestic Sewage with Industrial Effluent	2	In Uben River	Jun-2026
6	Rajkot Municipal Corporation	237.44	Calculated as per 80% of Water Supply	578250	531055	Dec-2026	0	NA	NA	0	NA	NA
7	Surat Municipal Corporation	1300.26	Calculated as per 80% of Water Supply	1836339	1768121	Jul-2026	0	NA	NA	0	NA	NA
8	Vadodara Municipal Corporation	461.10	Calculated as per 80% of Water Supply	675247	641525	Dec-2026	0	NA	NA	0	NA	NA
9	Nadiad	32.00	calculated as 80% of the water supplied	68240	50926	Dec-2028	0	NA	NA	0	NA	NA
10	Surendranagar	25.73	calculated as 80% of the water supplied	57241	45673	Dec-2026	0	NA	NA	0	NA	NA
11	Dholka	10.60	calculated as 80% of the water supplied	24906	24906	Households are connected	0	NA	NA	0	NA	NA
12	Sanand	8.90	calculated as 80% of the water supplied	20756	20756	Households are connected	0	NA	NA	0	NA	NA
13	Botad	14.84	calculated as 80% of the water supplied	35133	35133	Households are connected	0	NA	NA	0	NA	NA
14	Dhrangadhra	8.91	calculated as 80% of the water supplied	20625	20625	Households are connected	0	NA	NA	0	NA	NA
15	Viramgam	12.02	calculated as 80% of the water supplied	23480	8000	Dec-2026	2	5.66, 1.5	Domestic Grey Water	0	In Canal	Dec-2026
16	Bavla	8.09	calculated as 80% of the water supplied	15949	8162	Dec-2025	1	1.5	Domestic Grey Water	0	In Pond	Dec-2025
17	Chaklasi	4.44	calculated as 80% of the water supplied	7787	0	Sep-2025	1	1.13	Domestic Grey Water	0	In Lake	Sep-2025
18	Kapadvanj	5.43	calculated as 80% of the water supplied	11462	8102	Dec-2026	0	NA	NA	0	NA	NA
19	Dakor	5.19	calculated as 80% of the water supplied	8936	0	Dec-2026	1	3.25	Domestic Grey Water	0	In Pond	Dec-2026
20	Limbdi	5.67	calculated as 80% of the water supplied	9625	0	Dec-2027	1	4.38	Domestic Grey Water	0	In Pond	Dec-2027
21	Thangadh	4.09	calculated as 80% of the water supplied	10148	10148	Households are connected	0	NA	NA	0	NA	NA
22	Chotila	4.01	calculated as 80% of the water supplied	7859	3622	Dec-2025	0	NA	NA	0	NA	NA

Annexure - I : Sewage management in ULBs of Gujarat State

#	(A) Name of ULB	(B) Sewage Status Estimation and Measurement		(C) Sewage Conveyance/sewers			(D) Drains					
		Actual Total Sewage Generation per day (in MLD) (1)	Basis of Estimation	Taregeted Household to be connected to sewers (2)	Households connected (3)	Time targets to complete connectivity (Gap in connectivity) (4)	Sewage and Sullage flowing in open drains (Storm water drains / concretised drains /unlined/ katcha drains) (No. of drains) (5)	Flow in each drain (MLD) (6)	Quality /Characteristics of effluent (7)	Quantity of industrial effluent discharged in drain(MLD) (8)	Final point of discharge of drain (9)	Time bound action plan to prevent sewage discharge into drain (10)
23	Dhandhuka	3.79	calculated as 80% of the water supplied	9404	9404	Households are connected	0	NA	NA	0	NA	NA
24	Bareja	2.63	calculated as 80% of the water supplied	5615	3662	Oct-2025	0	NA	NA	0	NA	NA
25	Gadhada	3.26	calculated as 80% of the water supplied	5543	0	Dec-2026	1	4.59	Domestic Grey Water	0	In Lake	Dec-2026
26	Mahemdabad	5.37	calculated as 80% of the water supplied	12617	12617	Households are connected	0	NA	NA	0	NA	NA
27	Kheda	5.20	calculated as 80% of the water supplied	12500	12500	Households are connected	0	NA	NA	0	NA	NA
28	Kathlal	3.15	calculated as 80% of the water supplied	5411	0	May-2026	1	2.92	Domestic Sewage	0	In Pond	May-2026
29	Barvada	1.60	calculated as 80% of the water supplied	3731	3731	Households are connected	0	NA	NA	0	NA	NA
30	Kanjari	3.30	calculated as 80% of the water supplied	7872	7872	Households are connected	0	NA	NA	0	NA	NA
31	Mahudha	2.89	calculated as 80% of the water supplied	5037	0	Dec-2026	2	0.904, 1.0	Domestic Grey Water	0	In Pond	Dec-2026
32	Thasra	1.54	calculated as 80% of the water supplied	2621	0	Dec-2026	2	1.0, 0.672	Domestic Sewage	0	In Pond	Dec-2026
33	Patadi	2.45	calculated as 80% of the water supplied	4239	0	Dec-2026	1	2.8	Domestic Grey Water	0	In Pond	Dec-2026
34	Amreli	18.46	calculated as 80% of the water supplied	39060	27546	Dec 2026	2	0.7, 0.3	Domestic Sewage	0	In Thebi RIver	Dec 2026
35	Savarkundla	7.75	calculated as 80% of the water supplied	13410	0	Dec 2026	0	NA	NA	0	NA	NA
36	Mahuva	19.36	calculated as 80% of the water supplied	40371	21500	Dec 2026	0	NA	NA	0	NA	NA
37	Palitana	5.79	calculated as 80% of the water supplied	13498	13498	Households are connected	0	NA	NA	0	NA	NA
38	Veraval	19.72	calculated as 80% of the water supplied	33914	0	Jul-2027	0	NA	NA	0	NA	NA
39	Keshod	7.79	calculated as 80% of the water supplied	18032	18032	Households are connected	0	NA	NA	0	NA	NA
40	Rajula	3.91	calculated as 80% of the water supplied	9184	9184	Households are connected	0	NA	NA	0	NA	NA
41	Shihor	6.12	calculated as 80% of the water supplied	14178	12057	Feb 2027	3	1.20, 1.50, 1.20	Domestic Grey Water	0	In Gautami River	Feb 2027
42	Una	8.27	calculated as 80% of the water supplied	19286	19286	Households are connected	0	NA	NA	0	NA	NA
43	Kodinar	3.10	calculated as 80% of the water supplied	6584	4664	Nov-2027	0	NA	NA	0	NA	NA
44	Mangrol	6.87	calculated as 80% of the water supplied	11747	0	Jul-2027	0	NA	NA	0	NA	NA
45	Bagsara	3.65	calculated as 80% of the water supplied	8510	8510	Households are connected	0	NA	NA	0	NA	NA

Annexure - I : Sewage management in ULBs of Gujarat State

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46	Jafrabad	2.68	calculated as 80% of the water supplied	4643	0	Dec-2026	3	0.30, 0.40, 0.40	Domestic Sewage	0	In Pond	Dec 2026
47	Babara	2.58	calculated as 80% of the water supplied	6155	6155	Households are connected	0	NA	NA	0	NA	NA
48	Dhari	3.20	calculated as 80% of the water supplied	5615	0	July-2027	0	NA	NA	0	NA	NA
49	Lathi	2.49	calculated as 80% of the water supplied	4221	4221	Households are connected	0	NA	NA	0	NA	NA
50	Gariyadhar	2.46	calculated as 80% of the water supplied	5824	5824	Households are connected	0	NA	NA	0	NA	NA
51	Talaja	2.99	calculated as 80% of the water supplied	7243	7243	Households are connected	0	NA	NA	0	NA	NA
52	Sutrapada	0.59	calculated as 80% of the water supplied	1474	1474	Households are connected	0	NA	NA	0	NA	NA
53	Talala	2.74	calculated as 80% of the water supplied	6638	6638	Households are connected	0	NA	NA	0	NA	NA
54	Manavadar	2.34	calculated as 80% of the water supplied	5843	5843	Households are connected	0	NA	NA	0	NA	NA
55	Chorvad	1.66	calculated as 80% of the water supplied	3930	3930	Households are connected	0	NA	NA	0	NA	NA
56	Visavadar	1.59	calculated as 80% of the water supplied	3736	3736	Households are connected	0	NA	NA	0	NA	NA
57	Chalala	2.00	calculated as 80% of the water supplied	4630	4630	Households are connected	0	NA	NA	0	NA	NA
58	Damnagar	1.92	calculated as 80% of the water supplied	3261	3261	Households are connected	0	NA	NA	0	NA	NA
59	Vallabhipur	1.01	calculated as 80% of the water supplied	2409	2409	Households are connected	0	NA	NA	0	NA	NA
60	Bantwa	1.80	calculated as 80% of the water supplied	4202	4202	Households are connected	0	NA	NA	0	NA	NA
61	Vanthali	1.03	calculated as 80% of the water supplied	1792	0	Dec-2026	6	0.2, 0.2, 0.2, 0.2, 0.2, 0.2	Domestic Sewage	0	In Drain	Dec 2026
62	Mahesana	29.88	calculated as 80% of the water supplied	65422	54861	Feb-2027	1	2	Domestic Sewage	0	In River	Feb 2027
63	Modasa	8.60	calculated as 80% of the water supplied	15094	0	Mar-2026	0	NA	NA	0	NA	NA
64	Palanpur	19.12	calculated as 80% of the water supplied	33315	0	Dec-2027	1	1.5	Domestic Sewage	0	In River	Dec 2027
65	Deesa	21.96	calculated as 80% of the water supplied	49942	43893	Dec-2028	11	0.95, 1.05, 0.80, 1.21, 0.75 , 0.50, 0.71, 0.35, 0.98, 1.29 , 1.41	Domestic Grey Water	0	In River	Dec 2028
66	Kalol	16.80	calculated as 80% of the water supplied	28523	0	Dec-2026	0	NA	NA	0	NA	NA

Annexure - I : Sewage management in ULBs of Gujarat State

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67	Kadi	14.23	calculated as 80% of the water supplied	32962	30534	Dec-2026	0	NA	NA	0	NA	NA
68	Visnagar	7.52	calculated as 80% of the water supplied	17372	15625	Dec-2027	0	NA	NA	0	NA	NA
69	Vadnagar	3.39	calculated as 80% of the water supplied	8212	8212	Households are connected	0	NA	NA	0	NA	NA
70	Patan	20.46	calculated as 80% of the water supplied	48809	48809	Households are connected	0	NA	NA	0	NA	NA
71	Himmatnagar	11.40	calculated as 80% of the water supplied	25197	19231	Jul-2027	0	NA	NA	0	NA	NA
72	Dahegam	7.00	calculated as 80% of the water supplied	16572	16572	Households are connected	0	NA	NA	0	NA	NA
73	Unja	6.81	calculated as 80% of the water supplied	16623	16623	Households are connected	0	NA	NA	0	NA	NA
74	Sidhpur	7.05	calculated as 80% of the water supplied	12127	0	Dec-2025	0	NA	NA	0	NA	NA
75	Radhanpur	3.04	calculated as 80% of the water supplied	5168	0	Jun-2027	0	NA	NA	0	NA	NA
76	Idar	4.00	calculated as 80% of the water supplied	9470	9470	Households are connected	0	NA	NA	0	NA	NA
77	Dhanera	3.15	calculated as 80% of the water supplied	7874	7874	Households are connected	0	NA	NA	0	NA	NA
78	Tharad	3.39	calculated as 80% of the water supplied	8026	8026	Households are connected	0	NA	NA	0	NA	NA
79	Bhabhar	2.15	calculated as 80% of the water supplied	5199	5199	Households are connected	0	NA	NA	0	NA	NA
80	Thara	3.05	calculated as 80% of the water supplied	7625	7625	Households are connected	0	NA	NA	0	NA	NA
81	Mansa	5.00	calculated as 80% of the water supplied	12303	12303	Households are connected	0	NA	NA	0	NA	NA
82	Kheralu	2.61	calculated as 80% of the water supplied	6422	6422	Households are connected	0	NA	NA	0	NA	NA
83	Vijapur	3.55	calculated as 80% of the water supplied	7678	5830	Jun-2027	0	NA	NA	0	NA	NA
84	Harij	2.20	calculated as 80% of the water supplied	5371	5371	Households are connected	0	NA	NA	0	NA	NA
85	Khedbramha	4.23	calculated as 80% of the water supplied	9281	6783	Dec-2026	0	NA	NA	0	NA	NA
86	Prantij	3.38	calculated as 80% of the water supplied	8002	8002	Households are connected	0	NA	NA	0	NA	NA
87	Talod	1.75	calculated as 80% of the water supplied	4375	4375	Households are connected	0	NA	NA	0	NA	NA
88	Vadali	1.88	calculated as 80% of the water supplied	4384	4384	Households are connected	0	NA	NA	0	NA	NA
89	Bayad	2.10	calculated as 80% of the water supplied	3676	0	Jun-2027	0	NA	NA	0	NA	NA

Annexure - I : Sewage management in ULBs of Gujarat State

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90	Chansma	3.10	calculated as 80% of the water supplied	7510	7510	Households are connected	0	NA	NA	0	NA	NA
91	Morbi	31.20	calculated as 80% of the water supplied	68353	47500	Dec-2027	3	2.5, 5.95 , 4.05	Domestic Sewage	0	In Machchu River	December-2027
92	Gandhidham	28.80	calculated as 80% of the water supplied	65680	59186	Dec-2027	0	NA	NA	0	NA	NA
93	Porbandar	26.32	calculated as 80% of the water supplied	55480	39352	Dec-2027	5	0.022, 0.044 , 4.40 , 0.22 , 0.088	Domestic Sewage	0	In Creek	Dec 2027
94	Nakhatrana	6.00	calculated as 80% of the water supplied	10388	0	Jun-2028	3	0.20, 0.25 , 0.20	Domestic Sewage	0	In Pond	June 2028
95	Tankara	2.80	calculated as 80% of the water supplied	4754	0	Dec-2027	0	NA	NA	0	NA	NA
96	Dwarka	2.80	calculated as 80% of the water supplied	6731	6731	Households are connected	0	NA	NA	0	NA	NA
97	Khambhaliya	4.90	calculated as 80% of the water supplied	8377	0	Dec-2027	2	3.0 ,2.0	Domestic Sewage	0	In Drain	Dec-2027
98	Bhuj	32.69	calculated as 80% of the water supplied	61254	14423	Dec-2027	0	NA	NA	0	NA	NA
99	Anjar	14.40	calculated as 80% of the water supplied	28569	12401	Dec-2026	4	2.5, 3.5, 2.5 , 2.4	Domestic Grey Water	0	In River	Dec -2026
100	Jetpur	8.32	calculated as 80% of the water supplied	19557	19557	Households are connected	0	NA	NA	0	NA	NA
101	Gondal	14.40	calculated as 80% of the water supplied	32484	28409	Dec-2026	5	0.3, 0.4, 0.15, 0.25, 0.9	Domestic Sewage	0	In Gondali River	December 2026
102	Dhoraji	6.82	calculated as 80% of the water supplied	16915	16915	Households are connected	0	NA	NA	0	NA	NA
103	Okha	2.97	calculated as 80% of the water supplied	7190	7190	Households are connected	0	NA	NA	0	NA	NA
104	Mandvi (Kutch)	6.11	calculated as 80% of the water supplied	10712	0	Dec-2027	0	NA	NA	0	NA	NA
105	Bhachau	5.35	calculated as 80% of the water supplied	13375	13375	Households are connected	0	NA	NA	0	NA	NA
106	Mundra-Baroi	6.28	calculated as 80% of the water supplied	10872	0	Dec-2026	2	1.5, 0.5	Domestic Sewage	0	In Creek	Dec 2026
107	Vankaner	3.82	calculated as 80% of the water supplied	7425	3009	Dec-2025	0	NA	NA	0	NA	NA
108	Ranavav	5.30	calculated as 80% of the water supplied	9059	0	Dec-2027	1	4.8	Domestic Sewage	0	In River	Dec 2027
109	Upleta	6.40	calculated as 80% of the water supplied	11081	0	Dec-2027	2	4 , 2.4	Domestic Sewage	0	In Bhadar river	Dec 2027
110	Jasdan	4.96	calculated as 80% of the water supplied	11567	11567	Households are connected	0	NA	NA	0	NA	NA
111	Salaya	2.40	calculated as 80% of the water supplied	4128	0	Dec-2026	0	NA	NA	0	NA	NA
112	Bhanvad	2.43	calculated as 80% of the water supplied	4271	0	Dec-2027	3	0.1, 0.1, 0.2	Domestic Sewage	0	In Nakti River	Dec-2027

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113	Jamraval	1.98	calculated as 80% of the water supplied	3435	0	Dec-2026	0	NA	NA	0	NA	NA
114	Dhrol	3.34	calculated as 80% of the water supplied	7722	7722	Households are connected	0	NA	NA	0	NA	NA
115	Jamjodhpur	3.56	calculated as 80% of the water supplied	7793	5640	Dec-2027	0	NA	NA	0	NA	NA
116	Kalavad	2.20	calculated as 80% of the water supplied	5093	5093	Households are connected	0	NA	NA	0	NA	NA
117	Sikka	3.41	calculated as 80% of the water supplied	6850	3578	Dec-2027	0	NA	NA	0	NA	NA
118	Rapar	3.47	calculated as 80% of the water supplied	8044	8044	Households are connected	0	NA	NA	0	NA	NA
119	Halvad	4.73	calculated as 80% of the water supplied	11647	11647	Households are connected	0	NA	NA	0	NA	NA
120	Bhayavadar	2.16	calculated as 80% of the water supplied	5314	5314	Households are connected	0	NA	NA	0	NA	NA
121	Maliya-Miyana	1.38	calculated as 80% of the water supplied	3369	3369	Households are connected	0	NA	NA	0	NA	NA
122	Kutiyana	2.08	calculated as 80% of the water supplied	3633	0	Dec-2026	0	NA	NA	0	NA	NA
123	Navsari	49.47	calculated as 80% of the water supplied	94031	30287	Feb-2027	1	4	Domestic Grey Water	0	In Purna River	Feb 2027
124	Vapi	19.33	calculated as 80% of the water supplied	39468	22662	Mar 2027	1	4	Domestic Grey Water	0	In River	March 2027
125	Bharuch	34.72	calculated as 80% of the water supplied	71899	39063	Nov 26	6	4	Domestic Grey Water	0	In River	Nov 2026
126	Ankleswar	8.48	calculated as 80% of the water supplied	14878	0	Mar-2026	2	2	Domestic Sewage	0	In River	March 2026
127	Vyara	5.94	calculated as 80% of the water supplied	12532	8286	Sept-2026	1	2.9	Domestic Sewage	0	In Mindhola river	Sept-2026
128	Valsad	36.39	calculated as 80% of the water supplied	70527	24225	Dec-2026	4	3	Domestic Sewage	0	In Auranga River	Dec 2026
129	Jambusar	4.36	calculated as 80% of the water supplied	10401	10401	Households are connected	0	NA	NA	0	NA	NA
130	Rajpipla	3.92	calculated as 80% of the water supplied	9280	9280	Households are connected	0	NA	NA	0	NA	NA
131	Bilimora	7.71	calculated as 80% of the water supplied	16634	11417	Oct-2026	1	1.19	Domestic Sewage	0	In Ambika River	Oct 2026
132	Bardoli	8.80	calculated as 80% of the water supplied	20370	20370	Households are connected	0	NA	NA	0	NA	NA
133	Kadodara	4.43	calculated as 80% of the water supplied	7720	0	Dec-2027	0	NA	NA	0	NA	Dec-2027
134	Tarsadi	2.80	calculated as 80% of the water supplied	4845	0	Dec-2027	1	3.6	Domestic Sewage	0	In Kim river	Dec 2027
135	Mandvi (Surat)	2.15	calculated as 80% of the water supplied	5177	5177	Households are connected	0	NA	NA	0	NA	NA

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136	Songadh	4.24	calculated as 80% of the water supplied	8682	4429	Mar-2027	1	1.5	Domestic Grey Water	0	In River	March 2027
137	Paradi	3.36	calculated as 80% of the water supplied	5890	0	Dec-2026	1	2.8	Domestic Sewage	0	In Pardi khadi	Dec-2026
138	Umargam	4.59	calculated as 80% of the water supplied	7841	0	Dec-2027	1	5.2	Domestic Sewage	0	In Umargam khadi	Dec-2027
139	Dharampur	3.48	calculated as 80% of the water supplied	7212	4327	Dec-2025	1	1.7	Domestic Sewage	0	In C reek	Dec 2025
140	Amod	1.77	calculated as 80% of the water supplied	4220	4220	Households are connected	0	NA	NA	0	NA	NA
141	Gandevi	1.86	calculated as 80% of the water supplied	4577	4577	Households are connected	0	NA	NA	0	NA	NA
142	Anand	17.04	calculated as 80% of the water supplied	42274	42274	Households are connected	0	NA	NA	-	NA	NA
	Karamsad	4.66	calculated as 80% of the water supplied	11042	11042	Households are connected	0	NA	NA	-	NA	NA
	V.V.nagar	9.90	calculated as 80% of the water supplied	17137	0	Dec 2027	1	15	Domestic Grey Water	-	In Drain	Dec-2027
143	Vaghodia	3.76	calculated as 80% of the water supplied	6597	0	March 2028	2	3, 0.76	Domestic Grey Water	-	In Pond	Mar-2028
144	Khambhat	9.35	calculated as 80% of the water supplied	23187	23187	Households are connected	0	NA	NA	-	NA	NA
145	Dahod	14.04	calculated as 80% of the water supplied	31291	22500	Dec-2025	0	NA	NA	-	NA	NA
146	Lunavada	6.70	calculated as 80% of the water supplied	14105	9398	Aug-2026	2	0.25	Domestic Grey Water	-	In Drain	Dec-2025
147	Godhra	19.26	calculated as 80% of the water supplied	38448	17224	Dec-2027	1	2.6	Domestic Grey Water	-	In River	Jul-2027
148	Borsad	10.21	calculated as 80% of the water supplied	23378	23378	Households are connected	0	NA	NA	-	NA	NA
149	Petlad	16.83	calculated as 80% of the water supplied	33216	14568	May-2027	1	1.5	Domestic Grey Water	-	In Drain	May- 2027
150	Chhotaudepur	4.83	calculated as 80% of the water supplied	9286	3551	Dec-2027	0	NA	NA	-	NA	NA
151	Balasinor	4.02	calculated as 80% of the water supplied	9294	9294	Households are connected	0	NA	NA	-	NA	NA
152	Halol	10.15	calculated as 80% of the water supplied	23651	20000	Dec-2026	0	NA	NA	-	NA	NA
153	Dabhoi	6.39	calculated as 80% of the water supplied	15119	15119	Households are connected	0	NA	NA	-	NA	NA
154	Padra	6.14	calculated as 80% of the water supplied	13672	13672	Households are connected	0	NA	NA	-	NA	NA
155	Umreth	6.10	calculated as 80% of the water supplied	14441	14441	Households are connected	0	NA	NA	-	NA	NA
156	Anklav	3.40	calculated as 80% of the water supplied	7870	7870	Households are connected	0	NA	NA	-	NA	NA

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157	Oad	3.56	calculated as 80% of the water supplied	7968	6152	May-2027	1	0.8	Domestic Grey Water	-	In Drain	May 2027
158	Boriyavi	2.41	calculated as 80% of the water supplied	5631	5631	Households are connected	0	NA	NA	-	NA	NA
159	Zalod	4.60	calculated as 80% of the water supplied	11319	11319	Households are connected	0	NA	NA	-	NA	NA
160	Devgadh bariya	3.80	calculated as 80% of the water supplied	8862	8862	Households are connected	0	NA	NA	-	NA	NA
161	Santrampur	2.55	calculated as 80% of the water supplied	6132	6132	Households are connected	0	NA	NA	-	NA	NA
162	Kaalol	3.66	calculated as 80% of the water supplied	7703	4464	Dec 2027	2	1.2	Domestic Grey Water	-	In Drain	Dec 2027
163	Shahera	1.77	calculated as 80% of the water supplied	4223	4223	Households are connected	0	NA	NA	-	NA	NA
164	Karjan	5.20	calculated as 80% of the water supplied	13000	13000	Households are connected	0	NA	NA	-	NA	NA
165	Savli	3.33	calculated as 80% of the water supplied	5771	0	Dec 2027	2	0.8	Domestic Grey Water	-	In Pond	Dec-2027
166	Sojitra	1.53	calculated as 80% of the water supplied	2592	0	March 2026	1	0.7	Domestic Grey Water	-	In Pond	March 2026
Total		**4843**	**0**	**8229931**	**7147540**				**0**		**0**	

Annexure - I : Sewage management in ULBs of Gujarat State										
#	(A) Name of ULB	(E)Sewage treatment and Utilisation								
		Installed Treatment capacities of existing STPs (MLD) (11)	Utilisation capacity of existing STPs* (MLD) (12) *Capacity utilised of Existing STP	Gap in sewage generation and treatment (MLD) (13)	Time bound plan to set up and operationalise STPs (14)	Performance of STPs with reference to Standards (15)	Final point of discharge of treated effluent (16)	Level of Utilisation of Treated sewage (17)	Amount of Sludge Generated (18) (in TPD)	Management of Sludge (18)
1	Ahmedabad Municipal Corporation	1367.00	1320.00	0.00	Dec-2028	Attached as Annexure-II	In River and Irrigation Canal	26.4%	85	Agriculture
2	Bhavnagar Municipal Corporation	144.20	100.60	0.00	Feb-2028	Attached as Annexure-II	In Creek through drain	10.9%	3.425	Agriculture and Landfill Sites
3	Gandhinagar Municipal Corporation	178.00	98.00	0.00	STP Operational	Attached as Annexure-II	In Drain	76.1%	11	Agriculture
4	Jamnagar Municipal Corporation	70.00	70.00	14.80	June-2026	Attached as Annexure-II	In Rangmati river	7.1%	0.8	Agriculture
5	Junagadh Municipal Corporation	66.70	33.90	8.50	STP Operational	Attached as Annexure-II	In Drain	17.7%	0.57	Agriculture
6	Rajkot Municipal Corporation	332.00	237.44	0.00	STP Operational	Attached as Annexure-II	In Dam	99.8%	26.96	Agriculture
7	Surat Municipal Corporation	1969.75	1300.26	0.00	STP Operational	Attached as Annexure-II	In Creek	25.9%	95.5	Agriculture and Landfill Sites
8	Vadodara Municipal Corporation	662.00	461.10	0.00	STP Operational	Attached as Annexure-II	In Vishwamitri River	4.1%	35.35	Agriculture
9	Nadiad	50.00	22.00	10.00	Dec-2028	Attached as Annexure-II	In Shedhi River	0%	4.0	Internal use by ULBs for Gardening and Landscaping
10	Surendranagar	32.00	19.00	6.73	Dec-2026	Attached as Annexure-II	In Natural Drain	5%	3.4	Agriculture
11	Dholka	14.00	10.60	0.00	STP Operational	Attached as Annexure-II	In Sabarmati River	0%	2.2	Landfill Sites
12	Sanand	21.00	8.90	0.00	STP Operational	Attached as Annexure-II	In Irrigation Canal	0%	1.3	Internal use by ULBs for Gardening and Landscaping
13	Botad	32.00	14.84	0.00	STP Operational	Attached as Annexure-II	In Utavli River	3%	2.5	Agriculture
14	Dhrangadhra	12.00	8.91	0.00	STP Operational	Attached as Annexure-II	In Falku River	3%	1.4	Landfill Sites
15	Viramgam	5.00	3.20	8.82	April-2026	Attached as Annexure-II	In Gangasar Lake	0%	0.5	Agriculture
16	Bavla	6.00	3.50	4.59	Dec-2025	Attached as Annexure-II	In Irrigation Canal	0%	0.6	Landfill Sites
17	Chaklasi	0.00	0.00	4.44	Oct-2025	NA	NA	0%	0.0	NA
18	Kapadvanj	6.00	3.50	1.93	Dec-2026	Attached as Annexure-II	In River	0%	0.7	Agriculture
19	Dakor	0.00	0.00	5.19	Dec-2026	NA	NA	0%	0.0	NA
20	Limbdi	0.00	0.00	5.67	Dec-2027	NA	NA	0%	0.0	NA
21	Thangadh	9.00	4.09	0.00	STP Operational	Attached as Annexure-II	In Maha River	0%	0.5	Agriculture
22	Chotila	4.00	1.53	2.48	Dec-2025	Attached as Annexure-II	In Drain	0%	0.2	Landfill Sites

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23	Dhandhuka	8.00	3.79	0.00	STP Operational	Attached as Annexure-II	In Nilka River	0%	0.8	Agriculture
24	Bareja	3.00	1.50	1.13	Dec-2026	Attached as Annexure-II	In Lake	0%	0.3	Agriculture
25	Gadhada	0.00	0.00	3.26	Dec-2025	NA	NA	0%	0.0	NA
26	Mahemdabad	6.00	5.37	0.00	STP Operational	Attached as Annexure-II	In Vatrak River	27%	1.1	Landfill Sites
27	Kheda	5.20	5.20	0.00	STP Operational	Attached as Annexure-II	In Lake	24%	1.0	Internal use by ULBs for Gardening and Landscaping
28	Kathlal	0.00	0.00	3.15	Dec-2025	NA	NA	0%	0.0	NA
29	Barvada	3.00	1.60	0.00	STP Operational	Attached as Annexure-II	In River	0%	0.2	Internal use by ULBs for Gardening and Landscaping
30	Kanjari	3.30	3.30	0.00	STP Operational	Attached as Annexure-II	In Irrigation Canal	15%	0.6	Internal use by ULBs for Gardening and Landscaping
31	Mahudha	0.00	0.00	2.89	Dec-2026	NA	NA	0%	0.0	NA
32	Thasra	0.00	0.00	1.54	Dec-2026	NA	NA	0%	0.0	NA
33	Patadi	0.00	0.00	2.45	Nov-2025	NA	NA	0%	0.0	NA
34	Amreli	18.00	11.90	6.56	Dec 2027	Attached as Annexure-II	In Thebi River	13%	1.8	Internal use by ULBs for Gardening and Landscaping
35	Savarkundla	0.00	0.00	7.75	Dec 2025	NA	NA	0%	0.0	NA
36	Mahuva	16.00	8.60	10.76	Dec 2027	Attached as Annexure-II	In Weir	15%	1.9	Internal use by ULBs for Gardening and Landscaping
37	Palitana	11.00	5.79	0.00	STP Operational	Attached as Annexure-II	In Weir	0%	1.2	Internal use by ULBs for Gardening and Landscaping
38	Veraval	0.00	0.00	19.72	Oct 2026	NA	NA	0%	0.0	NA
39	Keshod	13.00	7.79	0.00	STP Operational	Attached as Annexure-II	In Drain	0%	1.6	Internal use by ULBs for Gardening and Landscaping
40	Rajula	6.00	3.91	0.00	STP Operational	Attached as Annexure-II	In Pond	31%	0.6	Internal use by ULBs for Gardening and Landscaping
41	Shihor	9.00	4.90	1.22	Feb-2027	Attached as Annexure-II	In Gautmi River	31%	1.0	Internal use by ULBs for Gardening and Landscaping
42	Una	12.00	8.27	0.00	STP Operational	Attached as Annexure-II	In Machhundri River	42%	1.6	Agriculture
43	Kodinar	6.00	2.00	1.10	Nov 2027	Attached as Annexure-II	In Pond	0%	0.4	Agriculture
44	Mangrol	0.00	0.00	6.87	June 2027	NA	NA	0%	0.0	NA
45	Bagsara	6.00	3.65	0.00	STP Operational	Attached as Annexure-II	In River	0%	0.7	Agriculture

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46	Jafrabad	0.00	0.00	2.68	Dec 2026	NA	NA	0%	0.0	NA
47	Babara	4.00	2.58	0.00	STP Operational	Attached as Annexure-II	In River	19%	0.3	Internal use by ULBs for Gardening and Landscaping
48	Dhari	0.00	0.00	3.20	Project of Under Ground Drainage is under Planning as ULB Formed Recently	NA	NA	0%	0.0	NA
49	Lathi	4.00	0.00	2.49	Oct 2025	NA	NA	0%	0.0	NA
50	Gariyadhar	7.00	2.46	0.00	STP Operational	Attached as Annexure-II	In River	0%	0.4	Agriculture
51	Talaja	6.00	2.99	0.00	STP Operational	Attached as Annexure-II	In Shetruji River	0%	0.6	Internal use by ULBs for Gardening and Landscaping
52	Sutrapada	4.00	0.59	0.00	STP Operational	Attached as Annexure-II	In Pond	0%	0.1	Agriculture
53	Talala	4.00	2.74	0.00	STP Operational	Attached as Annexure-II	In Hiran River	0%	0.5	Internal use by ULBs for Gardening and Landscaping
54	Manavadar	5.00	2.34	0.00	STP Operational	Attached as Annexure-II	In Pond	0%	0.4	Internal use by ULBs for Gardening and Landscaping
55	Chorvad	4.00	1.66	0.00	STP Operational	Attached as Annexure-II	In Creek	0%	0.3	Agriculture
56	Visavadar	3.00	1.59	0.00	STP Operational	Attached as Annexure-II	In Drain	0%	0.4	Internal use by ULBs for Gardening and Landscaping
57	Chalala	3.00	2.00	0.00	STP Operational	Attached as Annexure-II	In Drain	0%	0.4	Agriculture
58	Damnagar	2.00	0.00	1.92	Oct 2025	NA	NA	0%	0.0	NA
59	Vallabhipur	2.00	1.01	0.00	STP Operational	Attached as Annexure-II	In Drain	0%	0.2	Internal use by ULBs for Gardening and Landscaping
60	Bantwa	3.00	1.80	0.00	STP Operational	Attached as Annexure-II	In River	0%	0.3	Internal use by ULBs for Gardening and Landscaping
61	Vanthali	0.00	0.00	1.03	Dec 2026	NA	NA	0%	0.0	NA
62	Mahesana	40.00	25.40	4.48	July-2026	Attached as Annexure-II	In River	8%	3.9	Internal use by ULBs for Gardening and Landscaping
63	Modasa	0.00	0.00	8.60	Sept 2026	NA	NA	0%	0.0	NA
64	Palanpur	0.00	0.00	19.12	Dec 2025	NA	NA	0%	0.0	NA
65	Deesa	18.40	18.40	3.56	Dec 2027	Attached as Annexure-II	In River	14%	3.5	Agriculture
66	Kalol	0.00	0.00	16.80	Sep-25	NA	NA	0%	0.0	NA

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67	Kadi	12.80	12.80	1.43	July-2026	Attached as Annexure-II	In Drain	20%	2.6	Internal use by ULBs for Gardening and Landscaping
68	Visnagar	17.00	6.50	1.02	Dec 2026	Attached as Annexure-II	In Pond	100%	1.3	Agriculture
69	Vadnagar	6.00	3.39	0.00	STP Operational	Attached as Annexure-II	In Drain	0%	0.5	Agriculture
70	Patan	25.00	20.46	0.00	STP Operational	Attached as Annexure-II	In Pond	24%	2.7	Internal use by ULBs for Gardening and Landscaping
71	Himmatnagar	18.00	8.00	3.40	Dec-2025	Attached as Annexure-II	In River	25%	1.1	Internal use by ULBs for Gardening and Landscaping
72	Dahegam	6.00	6.00	1.00	STP Operational	Attached as Annexure-II	In River	0%	1.2	Internal use by ULBs for Gardening and Landscaping
73	Unja	12.00	6.81	0.00	STP Operational	Attached as Annexure-II	In River	0%	1.1	Internal use by ULBs for Gardening and Landscaping
74	Sidhpur	0.00	0.00	7.05	Dec 2025	NA	NA	0%	0.0	NA
75	Radhanpur	6.00	0.00	3.04	Aug 2026	NA	NA	0%	0.0	NA
76	Idar	7.00	4.00	0.00	STP Operational	Attached as Annexure-II	In Lake	0%	0.9	Internal use by ULBs for Gardening and Landscaping
77	Dhanera	4.00	3.15	0.00	STP Operational	Attached as Annexure-II	In River	0%	0.7	Agriculture
78	Tharad	5.00	3.39	0.00	STP Operational	Attached as Annexure-II	In Lake	0%	0.7	Agriculture
79	Bhabhar	4.00	2.15	0.00	STP Operational	Attached as Annexure-II	In Lake	0%	0.3	Agriculture
80	Thara	2.80	2.80	0.25	STP Operational	Attached as Annexure-II	In Lake	0%	0.6	Internal use by ULBs for Gardening and Landscaping
81	Mansa	5.00	5.00	0.00	STP Operational	Attached as Annexure-II	In Lake	40%	0.7	Agriculture
82	Kheralu	3.00	2.61	0.00	STP Operational	Attached as Annexure-II	In River	0%	0.4	Internal use by ULBs for Gardening and Landscaping
83	Vijapur	4.00	2.50	1.05	Mar-2026	Attached as Annexure-II	In Lake	0%	0.5	Internal use by ULBs for Gardening and Landscaping
84	Harij	3.00	2.20	0.00	STP Operational	Attached as Annexure-II	In River	0%	0.3	Internal use by ULBs for Gardening and Landscaping
85	Khedbramha	6.00	2.80	1.43	June 2027	Attached as Annexure-II	In River	0%	0.5	Agriculture
86	Prantij	4.00	3.38	0.00	STP Operational	Attached as Annexure-II	In River	0%	0.7	Agriculture
87	Talod	4.00	1.75	0.00	STP Operational	Attached as Annexure-II	In Checkdam	0%	0.3	Internal use by ULBs for Gardening and Landscaping
88	Vadali	4.00	1.88	0.00	STP Operational	Attached as Annexure-II	In Pond	53%	0.3	Agriculture
89	Bayad	0.00	0.00	2.10	Sep 2025	NA	NA	0%	0.0	NA

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90	Chansma	2.50	2.50	0.60	STP Operational	Attached as Annexure-II	In Lake	0%	0.5	Agriculture
91	Morbi	38.00	19.00	12.20	Dec-2028	Attached as Annexure-II	In Machhu River	100%	2.8	Internal use by ULBs for Gardening and Landscaping
92	Gandhidham	25.00	25.00	3.80	Dec-2027	Attached as Annexure-II	Supplied To Industry	84%	3.4	Internal use by ULBs for Gardening and Landscaping
93	Porbandar	31.00	17.00	9.32	Dec-2027	Attached as Annexure-II	In Creek	21%	2.5	Agriculture
94	Nakhatrana	0.00	0.00	6.00	Dec-2027	NA	NA	0%	0.0	NA
95	Tankara	0.00	0.00	2.80	December 2028	NA	NA	0%	0.0	NA
96	Dwarka	7.00	2.80	0.00	STP Operational	Attached as Annexure-II	In Pond	100%	0.4	Agriculture
97	Khambhaliya	6.00	0.00	4.90	Dec 2027	NA	NA	0%	0.0	NA
98	Bhuj	24.00	6.00	26.69	Mar-2026	Attached as Annexure-II	In Rudrmata Dam	100%	0.8	Agriculture
99	Anjar	5.00	5.00	9.40	Feb-2026	Attached as Annexure-II	Supplied To Industry	70%	1.1	Internal use by ULBs for Gardening and Landscaping
100	Jetpur	24.00	8.32	0.00	STP Operational	Attached as Annexure-II	In Bhadar River-1	100%	1.6	Agriculture and Landfill Sites
101	Gondal	17.00	12.00	2.40	Dec-2026	Attached as Annexure-II	In Gondli River	100%	2.3	Agriculture and Landfill Sites
102	Dhoraji	13.00	6.82	0.00	STP Operational	Attached as Annexure-II	In Bhadar River-1	88%	1.4	Agriculture
103	Okha	10.00	2.97	0.00	STP Operational	Attached as Annexure-II	In Creek	0%	0.5	Agriculture
104	Mandvi (Kutch)	0.00	0.00	6.11	Sep 2025	NA	NA	0%	0.0	NA
105	Bhachau	6.00	5.35	0.00	STP Operational	Attached as Annexure-II	In Drain	84%	0.8	Agriculture
106	Mundra-Baroi	0.00	0.00	6.28	Jan 2027	NA	NA	0%	0.0	NA
107	Vankaner	6.00	1.30	2.52	Dec-2025	Attached as Annexure-II	In Machhu River	100%	0.3	Agriculture
108	Ranavav	0.00	0.00	5.30	June-2027	NA	NA	0%	0.0	NA
109	Upleta	0.00	0.00	6.40	Dec 2026	NA	NA	0%	0.0	NA
110	Jasdan	8.00	4.96	0.00	STP Operational	Attached as Annexure-II	In River	97%	0.8	Internal use by ULBs for Gardening and Landscaping
111	Salaya	6.00	0.00	2.40	Dec 2026	NA	NA	0%	0.0	NA
112	Bhanvad	0.00	0.00	2.43	Dec 2025	NA	NA	0%	0.0	NA

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113	Jamraval	0.00	0.00	1.98	April 2028	NA	NA	0%	0.0	NA
114	Dhrol	5.00	3.34	0.00	STP Operational	Attached as Annexure-II	In River	100%	0.6	Internal use by ULBs for Gardening and Landscaping
115	Jamjodhpur	4.00	2.31	1.25	Mar-2026	Attached as Annexure-II	In River	100%	0.4	Agriculture
116	Kalavad	5.00	2.20	0.00	STP Operational	Attached as Annexure-II	In Falku River	0%	0.4	Agriculture
117	Sikka	3.00	1.50	1.91	April-2026	Attached as Annexure-II	In Pond	100%	0.3	Agriculture
118	Rapar	5.00	3.47	0.00	STP Operational	Attached as Annexure-II	In Pond	0%	0.8	Agriculture
119	Halvad	7.00	4.73	0.00	STP Operational	Attached as Annexure-II	In Pond	100%	0.9	Agriculture
120	Bhayavadar	3.00	2.16	0.00	STP Operational	Attached as Annexure-II	In Rupavati River	100%	0.3	Internal use by ULBs for Gardening and Landscaping
121	Maliya-Miyana	3.00	1.38	0.00	STP Operational	Attached as Annexure-II	In River	72%	0.2	Landfill Sites
122	Kutiyana	3.00	0.00	2.08	Dec 2026	NA	NA	0%	0.0	NA
123	Navsari	47.00	12.89	36.58	Feb 2027	Attached as Annexure-II	In Purna River	0%	2.8	Landfill Sites
124	Vapi	14.00	9.50	9.83	Dec 2025	Attached as Annexure-II	In River	0%	2.0	Agriculture
125	Bharuch	29.00	16.00	18.72	March 2027	Attached as Annexure-II	In River	0%	3.5	Agriculture
126	Ankleswar	0.00	0.00	8.48	Dec 2025	NA	NA	0%	0.0	NA
127	Vyara	7.00	3.50	2.44	Sept 2026	Attached as Annexure-II	In River	3%	0.8	Internal use by ULBs for Gardening and Landscaping
128	Valsad	20.00	10.00	26.39	Mar 2027	Attached as Annexure-II	In Auranga River	10%	1.6	Agriculture
129	Jambusar	6.00	4.36	0.00	STP Operational	Attached as Annexure-II	In Dhadhar River	0%	0.6	Agriculture
130	Rajpipla	6.00	3.92	0.00	STP Operational	Attached as Annexure-II	In Drain	0%	0.9	Agriculture
131	Bilimora	8.00	4.64	3.07	Oct 2026	Attached as Annexure-II	In Ambika River	0%	0.8	Agriculture
132	Bardoli	11.00	8.80	0.00	STP Operational	Attached as Annexure-II	In Mindola River	23%	1.9	Agriculture
133	Kadodara	0.00	0.00	4.43	Dec-27	NA	NA	0%	0.0	NA
134	Tarsadi	0.00	0.00	2.80	Oct 2026	NA	NA	0%	0.0	NA
135	Mandvi (Surat)	4.00	2.15	0.00	STP Operational	Attached as Annexure-II	In River	0%	0.3	Internal use by ULBs for Gardening and Landscaping

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136	Songadh	5.00	1.80	2.44	March 2027	Attached as Annexure-II	In River	0%	0.3	Internal use by ULBs for Gardening and Landscaping
137	Paradi	0.00	0.00	3.36	Dec 2026	NA	NA	0%	0.0	NA
138	Umargam	0.00	0.00	4.59	Dec 2025	NA	NA	0%	0.0	NA
139	Dharampur	4.00	1.80	1.68	Dec 2025	Attached as Annexure-II	In Swargvahini River	0%	0.4	Internal use by ULBs for Gardening and Landscaping
140	Amod	3.00	1.77	0.00	STP Operational	Attached as Annexure-II	In Dhadhar River	0%	0.3	Internal use by ULBs for Gardening and Landscaping
141	Gandevi	3.00	1.86	0.00	STP Operational	Attached as Annexure-II	In Bokadiya River	0%	0.3	Internal use by ULBs for Gardening and Landscaping
142	Anand	53.00	17.04	0.00	STP Operational	Attached as Annexure-II	In Irrigation Canal	0%	2.4	Agriculture
	Karamsad	7.00	4.66	0.00	STP Operational	Attached as Annexure-II	In Irrigation Canal	0%	0.9	Agriculture
	V.V.nagar	0.00	0.00	9.90	December-2026	NA	NA	0%	0.0	NA
143	Vaghodia	0.00	0.00	3.76	March -2028	NA	NA	0%	0.0	NA
144	Khambhat	11.00	9.35	0.00	STP Operational	Attached as Annexure-II	In Drain	0%	1.3	Internal use by ULBs for Gardening and Landscaping
145	Dahod	14.00	9.00	5.04	Feb 2026	Attached as Annexure-II	In River	0%	1.3	Agriculture
146	Lunavada	6.00	4.00	2.70	Dec-2025	Attached as Annexure-II	In Drain	0%	0.9	Internal use by ULBs for Gardening and Landscaping
147	Godhra	28.00	7.00	12.26	June 2027	Attached as Annexure-II	In River	0%	1.1	Agriculture
148	Borsad	10.00	9.80	0.41	STP Operational	Attached as Annexure-II	In Pond	0%	1.8	Landfill Sites
149	Petlad	10.00	6.20	10.63	May 2027	Attached as Annexure-II	In Pond	0%	1.2	Agriculture
150	Chhotaudepur	5.00	1.50	3.33	Dec 2027	Attached as Annexure-II	In Pond	0%	0.3	Internal use by ULBs for Gardening and Landscaping
151	Balasinor	7.00	4.02	0.00	STP Operational	Attached as Annexure-II	In Sump For Reuse	100%	0.6	Internal use by ULBs for Gardening and Landscaping
152	Halol	12.00	8.00	2.15	June 2027	Attached as Annexure-II	In Drain	0%	1.4	Agriculture
153	Dabhoi	9.00	6.39	0.00	STP Operational	Attached as Annexure-II	In Pond	0%	0.9	Agriculture
154	Padra	6.00	5.60	0.54	STP Operational	Attached as Annexure-II	In Pond	0%	0.8	Agriculture
155	Umreth	6.10	6.10	0.00	STP Operational	Attached as Annexure-II	In Drain	0%	0.8	Internal use by ULBs for Gardening and Landscaping
156	Anklav	4.00	3.40	0.00	STP Operational	Attached as Annexure-II	In Pond	0%	0.6	Internal use by ULBs for Gardening and Landscaping

Annexure - I : Sewage management in ULBs of Gujarat State										
#	(A) Name of ULB	(E)Sewage treatment and Utilisation								
		Installed Treatment capacities of existing STPs (MLD) (11)	Utilisation capacity of existing STPs* (MLD) (12) *Capacity utilised of Existing STP	Gap in sewage generation and treatment (MLD) (13)	Time bound plan to set up and operationalise STPs (14)	Performance of STPs with reference to Standards (15)	Final point of discharge of treated effluent (16)	Level of Utilisation of Treated sewage (17)	Amount of Sludge Generated (18) (in TPD)	Management of Sludge (18)
157	Oad	3.00	2.50	1.06	Dec 2027	Attached as Annexure-II	In Drain	0%	0.6	Internal use by ULBs for Gardening and Landscaping
158	Boriyavi	3.00	2.41	0.00	STP Operational	Attached as Annexure-II	In Pond	0%	0.5	Agriculture
159	Zalod	5.00	4.60	0.00	STP Operational	Attached as Annexure-II	In River	0%	0.7	Internal use by ULBs for Gardening and Landscaping
160	Devgadh bariya	4.00	3.80	0.00	STP Operational	Attached as Annexure-II	In River	0%	0.6	Internal use by ULBs for Gardening and Landscaping
161	Santrampur	3.00	2.55	0.00	STP Operational	Attached as Annexure-II	In River	0%	0.4	Landfill Sites
162	Kaalol	5.00	1.80	1.86	Dec 2027	Attached as Annexure-II	In River	0%	0.2	Landfill Sites
163	Shahera	3.00	1.77	0.00	STP Operational	Attached as Annexure-II	In Drain	0%	0.2	Agriculture
164	Karjan	5.20	5.20	0.00	STP Operational	Attached as Annexure-II	In Drain	0%	1.0	Agriculture
165	Savli	0.00	0.00	3.33	May 2027	NA	NA	0%	0.0	NA
166	Sojitra	0.00	0.00	1.53	March -2026	NA	NA	0%	0.0	NA
Total		**6027**	**4316**	**527**						

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TC-5157

Gujarat Environment Management Institute's Laboratory Gandhinagar

GEMI's Laboratory

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TEST REPORT

GEMI/Lab Results/ 1208/2025 Date: 05/08/2025

To,
Additional Chief Engineer
Ahmedabad Municipal Corporation
S.T.P. Department, 5th floor,
C - Block, Sardar Patel Bhavan,
Danapith, Ahmedabad - 380001.

Project Name : AMC STP Monitoring & Testing of Outlet Sample

Sample ID : WC2501AG01	**#Customer ID :** VS – 1
#Date & Time of Sampling : 31/07/2025 & 13:28	**Date &Time of Sample Receipt :** 01/08/2025 & 10:45
Sample Submitted By : Sampling Team of GEMI	**Condition of Sample :** Satisfactory
Analysis Starting Date : 01/08/2025	**Analysis Completion Date :** 05/08/2025
#Sampling Location : 48 MLD STP Vasna **#Sample Category :** Waste Water	**#Sample Description :** Colourless Liquid
#Sample Quantity : Approx. 1 Ltr.	**No. of Sample :** 1 of 17

Kindly find herewith the Analytical Results.

Sr.No	Parameter	Unit	Result	Reference Method
1.	pH @ 25 °C	-	7.47	APHA, 24th Edition 4500-H + B
2.	Total Suspended Solids	mg/L	BQL• (QL=2)	APHA, 24th Edition 2540 D
3.	Chemical Oxygen Demand	mg/L	28.5	IS:3025, Part:58
4.	Biochemical Oxygen Demand	mg/L	3.56	IS:3025, Part:44
5.	Total Phosphorus	mg/L	0.592	APHA, 24th Edition, 4500 – P B & D
6.	Total Kjeldahl Nitrogen	mg/L	4.48	APHA, 24th Edition, 4500- Norg.-B & C

As per information by field data sheet, • Below Quantification Limit, QL= Quantification Limit

Reviewed by
Harshida
(Harshida Modi)
Scientific Officer

GEMI's LABORATORY GANDHINAGAR

Authorized by
(Dr. Nitasha Khatri)
Senior Scientific Officer
&
Laboratory Head

----------End of the Test Report----------

TC-8187

Gujarat Environment Management Institute's Laboratory Gandhinagar

GEMI's Laboratory

"State Water Laboratory"

Recognized under Section 52 of the Water (Prevention and Control of Pollution) Act, 1974

TEST REPORT

GEMI/Lab Results/1209/2025 Date: 05/08/2025

To,
Additional Chief Engineer
Ahmedabad Municipal Corporation
S.T.P. Department, 5th floor,
C - Block, Sardar Patel Bhavan,
Danapith, Ahmedabad - 380001.

Project Name : AMC STP Monitoring & Testing of Outlet Sample

Sample ID : WC2501AG02	**#Customer ID :** VS – 2
#Date & Time of Sampling : 31/07/2025 & 12:55	**Date &Time of Sample Receipt :** 01/08/2025 & 10:45
Sample Submitted By : Sampling Team of GEMI	**Condition of Sample :** Satisfactory
Analysis Starting Date : 01/08/2025	**Analysis Completion Date :** 05/08/2025
#Sampling Location : 35 MLD STP Vasna	**#Sample Description :** Colourless Liquid
#Sample Category : Waste Water	
#Sample Quantity : Approx. 1 Ltr.	**No. of Sample :** 2 of 17

Kindly find herewith the Analytical Results.

Sr.No	Parameter	Unit	Result	Reference Method
1.	pH @ 25 °C	-	7.24	APHA, 24th Edition 4500-H + B
2.	Total Suspended Solids	mg/L	02	APHA, 24th Edition 2540 D
3.	Chemical Oxygen Demand	mg/L	24.4	IS:3025, Part:58
4.	Biochemical Oxygen Demand	mg/L	3.05	IS:3025, Part:44
5.	Total Phosphorus	mg/L	2.406	APHA, 24th Edition, 4500 – P B & D
6.	Total Kjeldahl Nitrogen	mg/L	8.97	APHA, 24th Edition, 4500- Norg.-B & C

As per information by field data sheet.

Reviewed by
Harshida
(Harshida Modi)
Scientific Officer

GEMI's LABORATORY GANDHINAGAR

Authorized by
(Dr. Nitasha Khatri)
Senior Scientific Officer
&
Laboratory Head

----------End of the Test Report----------

सत्यमेव जयते

TC-5157

Gujarat Environment Management Institute's Laboratory Gandhinagar

GEMI's Laboratory

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Recognized under Section 52 of the Water (Prevention and Control of Pollution) Act, 1974

TEST REPORT

GEMI/Lab Results/1210/2025 Date: 05/08/2025

To,
Additional Chief Engineer
Ahmedabad Municipal Corporation
S.T.P. Department, 5th floor,
C - Block, Sardar Patel Bhavan,
Danapith, Ahmedabad - 380001.

Project Name : AMC STP Monitoring & Testing of Outlet Sample

Sample ID : WC2501AG03	**#Customer ID :** VS – 3
#Date & Time of Sampling : 31/07/2025 & 13:14	**Date &Time of Sample Receipt :** 01/08/2025 & 10:45
Sample Submitted By : Sampling Team of GEMI	**Condition of Sample :** Satisfactory
Analysis Starting Date : 01/08/2025	**Analysis Completion Date :** 05/08/2025
#Sampling Location : 126 MLD STP Vasna	**#Sample Description :** Greyish Liquid
#Sample Category : Waste Water	
#Sample Quantity : Approx. 1 Ltr.	**No. of Sample :** 3 of 17

Kindly find herewith the Analytical Results.

Sr.No	Parameter	Unit	Result	Reference Method
1.	pH @ 25 °C	-	7.25	APHA, 24th Edition 4500-H + B
2.	Total Suspended Solids	mg/L	34	APHA, 24th Edition 2540 D
3.	Chemical Oxygen Demand	mg/L	138.2	IS:3025, Part:58
4.	Biochemical Oxygen Demand	mg/L	17.28	IS:3025, Part:44
5.	Total Phosphorus	mg/L	4.706	APHA, 24th Edition, 4500 – P B & D
6.	Total Kjeldahl Nitrogen	mg/L	21.30	APHA, 24th Edition, 4500- Norg.-B & C

 # As per information by field data sheet.

Reviewed by
Harshida
(Harshida Modi)
Scientific Officer

GEMI's LABORATORY GEMI GANDHINAGAR

Authorized by
(Dr. Nitasha Khatri)
Senior Scientific Officer
&
Laboratory Head

----------End of the Test Report----------

TC-5157

Gujarat Environment Management Institute's Laboratory Gandhinagar

GEMI's Laboratory

"State Water Laboratory"

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TEST REPORT

GEMI/Lab Results/1211/2025 Date: 05/08/2025

To,
Additional Chief Engineer
Ahmedabad Municipal Corporation
S.T.P. Department, 5th floor,
C - Block, Sardar Patel Bhavan,
Danapith, Ahmedabad - 380001.

Project Name : AMC STP Monitoring & Testing of Outlet Sample

Sample ID : WC2501AG04	**#Customer ID :** VS – 4
#Date & Time of Sampling : 31/07/2025 & 13:04	**Date &Time of Sample Receipt :** 01/08/2025 & 10:45
Sample Submitted By : Sampling Team of GEMI	**Condition of Sample :** Satisfactory
Analysis Starting Date : 01/08/2025	**Analysis Completion Date :** 05/08/2025
#Sampling Location : 240 MLD STP Vasna **#Sample Category :** Waste Water	**#Sample Description :** Greyish Liquid
#Sample Quantity : Approx. 1 Ltr.	**No. of Sample :** 4 of 17

Kindly find herewith the Analytical Results.

Sr.No	Parameter	Unit	Result	Reference Method
1.	pH @ 25 °C	-	7.19	APHA, 24th Edition 4500-H + B
2.	Total Suspended Solids	mg/L	50	APHA, 24th Edition 2540 D
3.	Chemical Oxygen Demand	mg/L	154.5	IS:3025, Part:58
4.	Biochemical Oxygen Demand	mg/L	19.31	IS:3025, Part:44
5.	Total Phosphorus	mg/L	5.186	APHA, 24th Edition, 4500 – P B & D
6.	Total Kjeldahl Nitrogen	mg/L	24.10	APHA, 24th Edition, 4500- Norg.-B & C

As per information by field data sheet.

Reviewed by
Harshida
(Harshida Modi)
Scientific Officer

GEMI's LABORATORY GEMI GANDHINAGAR

Authorized by
Nitasha
(Dr. Nitasha Khatri)
Senior Scientific Officer
&
Laboratory Head

----------End of the Test Report----------

TC-6157

Gujarat Environment Management Institute's Laboratory Gandhinagar

GEMI's Laboratory

"State Water Laboratory"

Recognized under Section 52 of the Water (Prevention and Control of Pollution) Act, 1974

TEST REPORT

GEMI/Lab Results/1212/2025 Date: 05/08/2025

To,
Additional Chief Engineer
Ahmedabad Municipal Corporation
S.T.P. Department, 5th floor,
C - Block, Sardar Patel Bhavan,
Danapith, Ahmedabad - 380001.

Project Name : AMC STP Monitoring & Testing of Outlet Sample

Sample ID : WC2501AG05	**#Customer ID :** VA – 1
#Date & Time of Sampling : 31/07/2025 & 15:06	**Date &Time of Sample Receipt :** 01/08/2025 & 10:45
Sample Submitted By : Sampling Team of GEMI	**Condition of Sample :** Satisfactory
Analysis Starting Date : 01/08/2025	**Analysis Completion Date :** 05/08/2025
#Sampling Location : 60 MLD STP Vadaj	**#Sample Description :** Colourless Liquid
#Sample Category : Waste Water	
#Sample Quantity : Approx. 1 Ltr.	**No. of Sample :** 5 of 17

Kindly find herewith the Analytical Results.

Sr.No	Parameter	Unit	Result	Reference Method
1.	pH @ 25 °C	-	7.32	APHA, 24th Edition 4500-H + B
2.	Total Suspended Solids	mg/L	02	APHA, 24th Edition 2540 D
3.	Chemical Oxygen Demand	mg/L	28.5	IS:3025, Part:58
4.	Biochemical Oxygen Demand	mg/L	3.56	IS:3025, Part:44
5.	Total Phosphorus	mg/L	3.948	APHA,24th Edition, 4500 – P B & D
6.	Total Kjeldahl Nitrogen	mg/L	2.80	APHA,24th Edition, 4500- Norg.-B & C

As per information by field data sheet.

Reviewed by
Harshida
(Harshida Modi)
Scientific Officer

GEMI's LABORATORY GEMI GANDHINAGAR

Authorized by
(Dr. Nitasha Khatri)
Senior Scientific Officer
&
Laboratory Head

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Gujarat Environment Management Institute's Laboratory Gandhinagar

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TC-5157

TEST REPORT

GEMI/Lab Results/1214/2025 Date: 05/08/2025

To,
Additional Chief Engineer
Ahmedabad Municipal Corporation
S.T.P. Department, 5th floor,
C - Block, Sardar Patel Bhavan,
Danapith, Ahmedabad - 380001.

Project Name : AMC STP Monitoring & Testing of Outlet Sample

Sample ID : WC2501AG07	**#Customer ID :** VI – 2
#Date & Time of Sampling : 31/07/2025 & 11:12	**Date &Time of Sample Receipt :** 01/08/2025 & 10:45
Sample Submitted By : Sampling Team of GEMI	**Condition of Sample :** Satisfactory
Analysis Starting Date : 01/08/2025	**Analysis Completion Date :** 05/08/2025
#Sampling Location : 35 MLD STP Vinzol	**#Sample Description :** Brownish Liquid
#Sample Category : Waste Water	
#Sample Quantity : Approx. 1 Ltr.	**No. of Sample :** 7 of 17

Kindly find herewith the Analytical Results.

Sr.No	Parameter	Unit	Result	Reference Method
1.	pH @ 25 °C	-	7.54	APHA, 24th Edition 4500-H + B
2.	Total Suspended Solids	mg/L	14	APHA, 24th Edition 2540 D
3.	Chemical Oxygen Demand	mg/L	77.2	IS:3025, Part:58
4.	Biochemical Oxygen Demand	mg/L	7.72	IS:3025, Part:44
5.	Total Phosphorus	mg/L	2.168	APHA, 24th Edition, 4500 – P B & D
6.	Total Kjeldahl Nitrogen	mg/L	5.60	APHA, 24th Edition, 4500- Norg.-B & C

 # As per information by field data sheet.

Reviewed by
Harshida
(Harshida Modi)
Scientific Officer

GEMI'S LABORATORY GANDHINAGAR

Authorized by
(Dr. Nitasha Khatri)
Senior Scientific Officer
&
Laboratory Head

----------End of the Test Report----------

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Gujarat Environment Management Institute's Laboratory Gandhinagar

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TEST REPORT

GEMI/Lab Results/1215/2025 Date: 05/08/2025

To,
Additional Chief Engineer
Ahmedabad Municipal Corporation
S.T.P. Department, 5th floor,
C - Block, Sardar Patel Bhavan,
Danapith, Ahmedabad - 380001.

Project Name : AMC STP Monitoring & Testing of Outlet Sample

Sample ID : WC2501AG08	**#Customer ID :** VI – 3
#Date & Time of Sampling : 31/07/2025 & 11:20	**Date &Time of Sample Receipt :** 01/08/2025 & 10:45
Sample Submitted By : Sampling Team of GEMI	**Condition of Sample :** Satisfactory
Analysis Starting Date : 01/08/2025	**Analysis Completion Date :** 05/08/2025
#Sampling Location : 70 MLD STP Vinzol	**#Sample Description :** Brownish Liquid
#Sample Category : Waste Water	
#Sample Quantity : Approx. 1 Ltr.	**No. of Sample :** 8 of 17

Kindly find herewith the Analytical Results.

Sr.No	Parameter	Unit	Result	Reference Method
1.	pH @ 25 °C	-	7.42	APHA, 24th Edition 4500-H + B
2.	Total Suspended Solids	mg/L	12	APHA, 24th Edition 2540 D
3.	Chemical Oxygen Demand	mg/L	69.1	IS:3025, Part:58
4.	Biochemical Oxygen Demand	mg/L	6.91	IS:3025, Part:44
5.	Total Phosphorus	mg/L	3.078	APHA, 24th Edition, 4500 – P B & D
6.	Total Kjeldahl Nitrogen	mg/L	16.81	APHA, 24th Edition, 4500- Norg.-B & C

 # As per information by field data sheet.

Reviewed by
Harshida
(Harshida Modi)
Scientific Officer

GEMI'S LABORATORY GANDHINAGAR

Authorized by
(Dr. Nitasha Khatri)
Senior Scientific Officer
&
Laboratory Head

----------End of the Test Report----------

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TC-6157

Gujarat Environment Management Institute's Laboratory Gandhinagar

GEMI's Laboratory

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Recognized under Section 52 of the Water (Prevention and Control of Pollution) Act, 1974

TEST REPORT

GEMI/Lab Results/1216 /2025 Date:05/08/2025

To,
Additional Chief Engineer
Ahmedabad Municipal Corporation
S.T.P. Department, 5th floor,
C – Block, Sardar Patel Bhavan,
Danapith, Ahmedabad – 380001.

Project Name : AMC STP Monitoring & Testing of Outlet Sample

Sample ID : WC2501AG09	**#Customer ID :** L – 1
#Date & Time of Sampling : 31/07/2025 & 11:48	**Date &Time of Sample Receipt :** 01/08/2025 & 10:45
Sample Submitted By : Sampling Team of GEMI	**Condition of Sample :** Satisfactory
Analysis Starting Date : 01/08/2025	**Analysis Completion Date :** 05/08/2025
#Sampling Location : 5 MLD STP Lambha	**#Sample Description :** Colourless Liquid
#Sample Category : Waste Water	
#Sample Quantity : Approx. 1 Ltr.	**No. of Sample :** 9 of 17

Kindly find herewith the Analytical Results.

Sr.No	Parameter	Unit	Result	Reference Method
1.	pH @ 25 °C	-	7.40	APHA, 24th Edition 4500-H + B
2.	Total Suspended Solids	mg/L	04	APHA, 24th Edition 2540 D
3.	Chemical Oxygen Demand	mg/L	40.7	IS:3025, Part:58
4.	Biochemical Oxygen Demand	mg/L	5.08	IS:3025, Part:44
5.	Total Phosphorus	mg/L	6.156	APHA, 24th Edition, 4500 – P B & D
6.	Total Kjeldahl Nitrogen	mg/L	4.48	APHA, 24th Edition, 4500- Norg.-B & C

As per information by field data sheet.

Reviewed by
Harshida
(Harshida Modi)
Scientific Officer

GEMI's LABORATORY GEMI GANDHINAGAR

Authorized by
Nitasha
(Dr. Nitasha Khatri)
Senior Scientific Officer
&
Laboratory Head

----------End of the Test Report----------

सत्यमेव जयते

TC-6157

Gujarat Environment Management Institute's Laboratory Gandhinagar

GEMI's Laboratory

"State Water Laboratory"

Recognized under Section 52 of the Water (Prevention and Control of Pollution) Act, 1974

TEST REPORT

GEMI/Lab Results/1217/2025 Date:05/08/2025

To,
Additional Chief Engineer
Ahmedabad Municipal Corporation
S.T.P. Department, 5th floor,
C - Block, Sardar Patel Bhavan,
Danapith, Ahmedabad - 380001.

Project Name : AMC STP Monitoring & Testing of Outlet Sample

Sample ID : WC2501AG10	**#Customer ID :** P – 1
#Date & Time of Sampling : 31/07/2025 & 12:30	**Date &Time of Sample Receipt :** 01/08/2025 & 10:45
Sample Submitted By : Sampling Team of GEMI	**Condition of Sample :** Satisfactory
Analysis Starting Date : 01/08/2025	**Analysis Completion Date :** 05/08/2025
#Sampling Location : 180 MLD STP Pirana	**#Sample Description :** Colourless Liquid
#Sample Category : Waste Water	
#Sample Quantity : Approx. 1 Ltr.	**No. of Sample :** 10 of 17

Kindly find herewith the Analytical Results.

Sr.No	Parameter	Unit	Result	Reference Method
1.	pH @ 25 °C	-	7.13	APHA, 24th Edition 4500-H + B
2.	Total Suspended Solids	mg/L	06	APHA, 24th Edition 2540 D
3.	Chemical Oxygen Demand	mg/L	32.5	IS:3025, Part:58
4.	Biochemical Oxygen Demand	mg/L	4.07	IS:3025, Part:44
5.	Total Phosphorus	mg/L	1.96	APHA, 24th Edition, 4500 – P B & D
6.	Total Kjeldahl Nitrogen	mg/L	8.97	APHA, 24th Edition, 4500- Norg.-B & C

 # As per information by field data sheet.

Reviewed by
Harshida
(Harshida Modi)
Scientific Officer

GEMI's LABORATORY GEMI GANDHINAGAR

Authorized by
(Dr. Nitasha Khatri)
Senior Scientific Officer
&
Laboratory Head

----------End of the Test Report----------

सत्यमेव जयते

TC-5157

Gujarat Environment Management Institute's Laboratory Gandhinagar

GEMI's Laboratory

"State Water Laboratory"

Recognized under Section 52 of the Water (Prevention and Control of Pollution) Act, 1974

TEST REPORT

GEMI/Lab Results/2218/2025 Date: 05/08/2025

To,
Additional Chief Engineer
Ahmedabad Municipal Corporation
S.T.P. Department, 5th floor,
C - Block, Sardar Patel Bhavan,
Danapith, Ahmedabad - 380001.

Project Name : AMC STP Monitoring & Testing of Outlet Sample

Sample ID : WC2501AG11	**#Customer ID :** P – 2
#Date & Time of Sampling : 31/07/2025 & 13:51	**Date &Time of Sample Receipt :** 01/08/2025 & 10:45
Sample Submitted By : Sampling Team of GEMI	**Condition of Sample :** Satisfactory
Analysis Starting Date : 01/08/2025	**Analysis Completion Date :** 05/08/2025
#Sampling Location : 106 MLD STP Pirana	**#Sample Description :** Brownish Liquid
#Sample Category : Waste Water	
#Sample Quantity : Approx. 1 Ltr.	**No. of Sample :** 11 of 17

Kindly find herewith the Analytical Results.

Sr.No	Parameter	Unit	Result	Reference Method
1.	pH @ 25 °C	-	7.42	APHA,24th Edition 4500-H + B
2.	Total Suspended Solids	mg/L	40	APHA,24th Edition 2540 D
3.	Chemical Oxygen Demand	mg/L	89.4	IS:3025, Part:58
4.	Biochemical Oxygen Demand	mg/L	11.18	IS:3025, Part:44
5.	Total Phosphorus	mg/L	2.122	APHA,24th Edition, 4500 – P B & D
6.	Total Kjeldahl Nitrogen	mg/L	21.86	APHA,24th Edition, 4500- Norg.-B & C

As per information by field data sheet.

Reviewed by
Harshida
(Harshida Modi)
Scientific Officer

GEMI's LABORATORY GANDHINAGAR

Authorized by
Nitasha
(Dr. Nitasha Khatri)
Senior Scientific Officer
&
Laboratory Head

----------End of the Test Report----------

TC-8167

Gujarat Environment Management Institute's Laboratory Gandhinagar

GEMI's Laboratory

"State Water Laboratory"

Recognized under Section 52 of the Water (Prevention and Control of Pollution) Act, 1974

TEST REPORT

GEMI/Lab Results/1219/2025 Date: 05/08/2025

To,
Additional Chief Engineer
Ahmedabad Municipal Corporation
S.T.P. Department, 5th floor,
C - Block, Sardar Patel Bhavan,
Danapith, Ahmedabad - 380001.

Project Name : AMC STP Monitoring & Testing of Outlet Sample

Sample ID : WC2501AG12	**#Customer ID :** P – 3
#Date & Time of Sampling : 31/07/2025 & 13:56	**Date &Time of Sample Receipt :** 01/08/2025 & 10:45
Sample Submitted By : Sampling Team of GEMI	**Condition of Sample :** Satisfactory
Analysis Starting Date : 01/08/2025	**Analysis Completion Date :** 05/08/2025
#Sampling Location : 60 MLD STP Pirana	**#Sample Description :** Colourless Liquid
#Sample Category : Waste Water	
#Sample Quantity : Approx. 1 Ltr.	**No. of Sample :** 12 of 17

Kindly find herewith the Analytical Results.

Sr.No	Parameter	Unit	Result	Reference Method
1.	pH @ 25 °C	-	7.41	APHA,24th Edition 4500-H + B
2.	Total Suspended Solids	mg/L	06	APHA,24th Edition 2540 D
3.	Chemical Oxygen Demand	mg/L	52.9	IS:3025, Part:58
4.	Biochemical Oxygen Demand	mg/L	6.61	IS:3025, Part:44
5.	Total Phosphorus	mg/L	4.05	APHA, 24th Edition, 4500 – P B & D
6.	Total Kjeldahl Nitrogen	mg/L	5.60	APHA, 24th Edition, 4500- Norg.-B & C

As per information by field data sheet.

Reviewed by
Harshida
(Harshida Modi)
Scientific Officer

GEMI's LABORATORY GEMI GANDHINAGAR

Authorized by
Nitasha
(Dr. Nitasha Khatri)
Senior Scientific Officer
&
Laboratory Head

----------End of the Test Report----------

TC-8157

Gujarat Environment Management Institute's Laboratory Gandhinagar

GEMI's Laboratory

"State Water Laboratory"

Recognized under Section 52 of the Water (Prevention and Control of Pollution) Act, 1974

TEST REPORT

GEMI/Lab Results/1220/2025 Date:05/08/2025

To,
Additional Chief Engineer
Ahmedabad Municipal Corporation
S.T.P. Department, 5th floor,
C - Block, Sardar Patel Bhavan,
Danapith, Ahmedabad - 380001.

Project Name : AMC STP Monitoring & Testing of Outlet Sample

Sample ID : WC2501AG13	**#Customer ID :** P – 4
#Date & Time of Sampling : 31/07/2025 & 12:39	**Date &Time of Sample Receipt :** 01/08/2025 & 10:45
Sample Submitted By : Sampling Team of GEMI	**Condition of Sample :** Satisfactory
Analysis Starting Date : 01/08/2025	**Analysis Completion Date :** 05/08/2025
#Sampling Location : 155 MLD STP Pirana	**#Sample Description :** Brownish Liquid
#Sample Category : Waste Water	
#Sample Quantity : Approx. 1 Ltr.	**No. of Sample :** 13 of 17

Kindly find herewith the Analytical Results.

Sr.No	Parameter	Unit	Result	Reference Method
1.	pH @ 25 °C	-	7.15	APHA,24th Edition 4500-H + B
2.	Total Suspended Solids	mg/L	10	APHA,24th Edition 2540 D
3.	Chemical Oxygen Demand	mg/L	44.7	IS:3025, Part:58
4.	Biochemical Oxygen Demand	mg/L	5.59	IS:3025, Part:44
5.	Total Phosphorus	mg/L	BQL• (QL=0.5)	APHA, 24th Edition, 4500 – P B & D
6.	Total Kjeldahl Nitrogen	mg/L	6.72	APHA, 24th Edition, 4500- Norg.-B & C

As per information by field data sheet, • Below Quantification Limit, QL= Quantification Limit

Reviewed by
Harshida
(Harshida Modi)
Scientific Officer

GEMI's LABORATORY GANDHINAGAR

Authorized by
(Dr. Nitasha Khatri)
Senior Scientific Officer
&
Laboratory Head

----------End of the Test Report----------

सत्यमेव जयते

TC-9157

Gujarat Environment Management Institute's Laboratory Gandhinagar

GEMI's Laboratory

"State Water Laboratory"

Recognized under Section 52 of the Water (Prevention and Control of Pollution) Act, 1974

TEST REPORT

GEMI/Lab Results/1221/2025 Date:05/08/2025

To,
Additional Chief Engineer
Ahmedabad Municipal Corporation
S.T.P. Department, 5th floor,
C - Block, Sardar Patel Bhavan,
Danapith, Ahmedabad - 380001.

Project Name : AMC STP Monitoring & Testing of Outlet Sample

Sample ID : WC2501AG14	**#Customer ID :** S – 1
#Date & Time of Sampling : 31/07/2025 & 14:13	**Date &Time of Sample Receipt :** 01/08/2025 & 10:45
Sample Submitted By : Sampling Team of GEMI	**Condition of Sample :** Satisfactory
Analysis Starting Date : 01/08/2025	**Analysis Completion Date :** 05/08/2025
#Sampling Location : 25 MLD STP Shankarbhuvan	**#Sample Description :** Colourless Liquid
#Sample Category : Waste Water	
#Sample Quantity : Approx. 1 Ltr.	**No. of Sample :** 14 of 17

Kindly find herewith the Analytical Results.

Sr.No	Parameter	Unit	Result	Reference Method
1.	pH @ 25 °C	-	7.20	APHA,24th Edition 4500-H + B
2.	Total Suspended Solids	mg/L	08	APHA,24th Edition 2540 D
3.	Chemical Oxygen Demand	mg/L	28.5	IS:3025, Part:58
4.	Biochemical Oxygen Demand	mg/L	BQL• (QL=3)	IS:3025, Part:44
5.	Total Phosphorus	mg/L	1.1	APHA, 24th Edition, 4500 – P B & D
6.	Total Kjeldahl Nitrogen	mg/L	3.92	APHA, 24th Edition, 4500- Norg.-B & C

As per information by field data sheet, • Below Quantification Limit, **QL**= Quantification Limit

Reviewed by
Harshida
(Harshida Modi)
Scientific Officer

GEMI's LABORATORY GANDHINAGAR

Authorized by
(Dr. Nitasha Khatri)
Senior Scientific Officer
&
Laboratory Head

----------End of the Test Report----------

TC-5157

Gujarat Environment Management Institute's Laboratory Gandhinagar

GEMI's Laboratory

"State Water Laboratory"

Recognized under Section 52 of the Water (Prevention and Control of Pollution) Act, 1974

TEST REPORT

GEMI/Lab Results/1222 /2025 Date: 05/08/2025

To,
Additional Chief Engineer
Ahmedabad Municipal Corporation
S.T.P. Department, 5th floor,
C - Block, Sardar Patel Bhavan,
Danapith, Ahmedabad - 380001.

Project Name : AMC STP Monitoring & Testing of Outlet Sample

Sample ID : WC2501AG15	**#Customer ID :** K– 1
#Date & Time of Sampling : 31/07/2025 & 17:00	**Date &Time of Sample Receipt :** 01/08/2025 & 10:45
Sample Submitted By : Sampling Team of GEMI	**Condition of Sample :** Satisfactory
Analysis Starting Date : 01/08/2025	**Analysis Completion Date :** 05/08/2025
#Sampling Location : 60 MLD STP Kotarpur	**#Sample Description :** Colourless Liquid
#Sample Category : Waste Water	
#Sample Quantity : Approx. 1 Ltr.	**No. of Sample :** 15 of 17

Kindly find herewith the Analytical Results.

Sr.No	Parameter	Unit	Result	Reference Method
1.	pH @ 25 °C	-	7.09	APHA,24th Edition 4500-H + B
2.	Total Suspended Solids	mg/L	06	APHA,24th Edition 2540 D
3.	Chemical Oxygen Demand	mg/L	44.7	IS:3025, Part:58
4.	Biochemical Oxygen Demand	mg/L	5.59	IS:3025, Part:44
5.	Total Phosphorus	mg/L	BQL• (QL=0.5)	APHA,24th Edition, 4500 – P B & D
6.	Total Kjeldahl Nitrogen	mg/L	2.24	APHA,24th Edition, 4500- Norg.-B & C

As per information by field data sheet, • Below Quantification Limit, QL= Quantification Limit

Reviewed by
Harshida
(Harshida Modi)
Scientific Officer

GEMI's LABORATORY GANDHINAGAR

Authorized by
Nitasha
(Dr. Nitasha Khatri)
Senior Scientific Officer
&
Laboratory Head

----------End of the Test Report----------

TC-8157

Gujarat Environment Management Institute's Laboratory Gandhinagar

GEMI's Laboratory

"State Water Laboratory"

Recognized under Section 52 of the Water (Prevention and Control of Pollution) Act, 1974

TEST REPORT

GEMI/Lab Results/7223/2025 Date: 05/08/2025

To,
Additional Chief Engineer
Ahmedabad Municipal Corporation
S.T.P. Department, 5th floor,
C - Block, Sardar Patel Bhavan,
Danapith, Ahmedabad - 380001.

Project Name : AMC STP Monitoring & Testing of Outlet Sample

Sample ID : WC2501AG16	**#Customer ID :** M– 1
#Date & Time of Sampling : 31/07/2025 & 15:28	**Date &Time of Sample Receipt :** 01/08/2025 & 10:45
Sample Submitted By : Sampling Team of GEMI	**Condition of Sample :** Satisfactory
Analysis Starting Date : 01/08/2025	**Analysis Completion Date :** 05/08/2025
#Sampling Location : 25 MLD STP Dafnala	**#Sample Description :** Colourless Liquid
#Sample Category : Waste Water	
#Sample Quantity : Approx. 1 Ltr.	**No. of Sample :** 16 of 17

Kindly find herewith the Analytical Results.

Sr.No	Parameter	Unit	Result	Reference Method
1.	pH @ 25 °C	-	7.32	APHA,24th Edition 4500-H + B
2.	Total Suspended Solids	mg/L	08	APHA,24th Edition 2540 D
3.	Chemical Oxygen Demand	mg/L	24.4	IS:3025, Part:58
4.	Biochemical Oxygen Demand	mg/L	3.05	IS:3025, Part:44
5.	Total Phosphorus	mg/L	1.072	APHA,24th Edition, 4500 – P B & D
6.	Total Kjeldahl Nitrogen	mg/L	2.80	APHA,24th Edition, 4500- Norg.-B & C

As per information by field data sheet.

Reviewed by
Harshida
(Harshida Modi)
Scientific Officer

GEMI's LABORATORY GANDHINAGAR

Authorized by
Nitasha
(Dr. Nitasha Khatri)
Senior Scientific Officer
&
Laboratory Head

----------End of the Test Report----------

TC-6167

Gujarat Environment Management Institute's Laboratory Gandhinagar

GEMI's Laboratory

"State Water Laboratory"

Recognized under Section 52 of the Water (Prevention and Control of Pollution) Act, 1974

TEST REPORT

GEMI/Lab Results/7224/2025 Date:05/08/2025

To,
Additional Chief Engineer
Ahmedabad Municipal Corporation
S.T.P. Department, 5th floor,
C - Block, Sardar Patel Bhavan,
Danapith, Ahmedabad - 380001.

Project Name : AMC STP Monitoring & Testing of Outlet Sample

Sample ID : WC2501AG17	**#Customer ID :** MS– 1
#Date & Time of Sampling : 31/07/2025 & 16:08	**Date &Time of Sample Receipt :** 01/08/2025 & 10:45
Sample Submitted By : Sampling Team of GEMI	**Condition of Sample :** Satisfactory
Analysis Starting Date : 01/08/2025	**Analysis Completion Date :** 05/08/2025
#Sampling Location : 30 MLD STP Maleksaban	**#Sample Description :** Brownish Liquid
#Sample Category : Waste Water	
#Sample Quantity : Approx. 1 Ltr.	**No. of Sample :** 17 of 17

Kindly find herewith the Analytical Results.

Sr.No	Parameter	Unit	Result	Reference Method
1.	pH @ 25 °C	-	7.21	APHA,24th Edition 4500-H + B
2.	Total Suspended Solids	mg/L	02	APHA,24th Edition 2540 D
3.	Chemical Oxygen Demand	mg/L	36.6	IS:3025, Part:58
4.	Biochemical Oxygen Demand	mg/L	4.57	IS:3025, Part:44
5.	Total Phosphorus	mg/L	BQL• (QL=0.5)	APHA,24th Edition, 4500 – P B & D
6.	Total Kjeldahl Nitrogen	mg/L	1.12	APHA,24th Edition, 4500- Norg.-B & C

As per information by field data sheet, • Below Quantification Limit, **QL**= Quantification Limit

Reviewed by
Harshida
(Harshida Modi)
Scientific Officer

GEMI'S LABORATORY GANDHINAGAR

Authorized by
Nitasha
(Dr. Nitasha Khatri)
Senior Scientific Officer
&
Laboratory Head

----------End of the Test Report----------

Gujarat Environment Management Institute's Laboratory Gandhinagar

GEMI's Laboratory

"State Water Laboratory"

Recognized under Section 52 of the Water (Prevention and Control of Pollution) Act, 1974

TEST REPORT

GEMI/Lab Results/ 1102 /2025 Date: 01/07/2025

To,
The Plant Incharge
HNB Engineers Pvt Ltd,
Vinoba Bhave Nagar, Near Vinzol Village,
Vatva, Ahmedabad - 382445.

Sample ID : WC2525JN04	**#Customer ID :** Inlet (TSPS Unit)
#Date & Time of Sampling : 25/06/2025 & 11:35 am	**Date &Time of Sample Receipt:** 25/06/2025 & 04:00 pm
Sample Submitted By : Customer	**Condition of Sample :** Satisfactory
Analysis Starting Date : 25/06/2025	**Analysis Completion Date :** 30/06/2025
#Sampling Location : Sewage Pumping Station (100 MLD) Vinzol East	**Sample Description :** Greyish Liquid
#Sample Category : Waste Water	
#Sample Quantity : 1 Litre	**No. of Sample :** 1 of 2

Kindly find herewith the Analytical Results.

Sr.No	Parameter	Unit	Result	Reference Method
1.	pH @ 25 °C	-	7.24	APHA, 24th Edition 4500-H^+ B
2.	Colour	Hazen	50	APHA, 24th Edition 2120 C
3.	Total Suspended Solids	mg/L	204	APHA, 24th Edition 2540 D
4.	Ammoniacal Nitrogen-NH_3-N	mg/L	18.56	APHA, 24th Edition 4500 NH_3 B&C
5.	Chemical Oxygen Demand	mg/L	386.8	IS:3025, Part:58
6.	Biochemical Oxygen Demand	mg/L	120.88	IS:3025, Part:44
7.	Total Phosphorus	mg/L	2.644	APHA, 24th Edition, 4500 – P B & D
8.	Total Kjeldahl Nitrogen	mg/L	20.17	APHA, 24th Edition, 4500- Norg.-B & C

As per information provided by Customer,
Remarks: This Report Pertains to Letter No. HNBEPL/100 MLD/464/AMD, Dated:- 25/06/2025.

Reviewed by
Harshida
(Harshida Modi)
Scientific Officer

GEMI'S LABORATORY GANDHINAGAR

Authorized by
Nitasha
(Dr. Nitasha Khatri)
Senior Scientific Officer
&
Laboratory Head

----------End of the Test Report----------

सत्यमेव जयते

TC-5157

Gujarat Environment Management Institute's Laboratory Gandhinagar

GEMI's Laboratory

"State Water Laboratory"

Recognized under Section 52 of the Water (Prevention and Control of Pollution) Act, 1974

TEST REPORT

GEMI/Lab Results/ 1103 /2025 Date: 01/07/2025

To,
The Plant Incharge
HNB Engineers Pvt. Ltd.,
Vinoba Bhave Nagar, Near Vinzol Village,
Vatva, Ahmedabad - 382445.

Sample ID : WC2525JN05	**#Customer ID :** Outlet (UV System)
#Date & Time of Sampling : 25/06/2025 & 11:22 pm	**Date &Time of Sample Receipt:** 25/06/2025 & 04:00 pm
Sample Submitted By : Customer	**Condition of Sample :** Satisfactory
Analysis Starting Date : 25/06/2025	**Analysis Completion Date :** 30/06/2025
#Sampling Location : Outlet at UV System	**Sample Description :** Colourless Liquid
#Sample Category : Waste Water	
#Sample Quantity : 1 Litre	**No. of Sample :** 2 of 2

Kindly find herewith the Analytical Results.

Sr.No	Parameter	Unit	Result	Reference Method
1.	pH @ 25 °C	-	7.72	APHA, 24th Edition 4500-H^+ B
2.	Total Suspended Solids	mg/L	06	APHA, 24th Edition 2540 D
3.	Ammoniacal Nitrogen-NH_3-N	mg/L	15.37	APHA, 24th Edition 4500 NH_3 B&C
4.	Chemical Oxygen Demand	mg/L	45.3	IS:3025, Part:58
5.	Biochemical Oxygen Demand	mg/L	5.66	IS:3025, Part:44
6.	Total Phosphorus	mg/L	1.088	APHA, 24th Edition, 4500 – P B & D
7.	Total Kjeldahl Nitrogen	mg/L	17.37	APHA, 24th Edition, 4500- Norg.-B & C

As per information provided by Customer, • Below Quantification Limit, **QL**= Quantification Limit
Remarks: This Report Pertains to Letter No. HNBEPL/100 MLD/464/AMD, Dated:- 25/06/2025.

Reviewed by
Harshida
(Harshida Modi)
Scientific Officer

GEMI'S LABORATORY GANDHINAGAR

Authorized by
(Dr. Nitasha Khatri)
Senior Scientific Officer
&
Laboratory Head

----------End of the Test Report----------

सत्यमेव जयते

Gujarat Environment Management Institute's Laboratory Gandhinagar

GEMI's Laboratory

"State Water Laboratory"

Recognized under Section 52 of the Water (Prevention and Control of Pollution) Act, 1974

TEST REPORT

GEMI/Lab Results/ 1047 /2025 Date: 27 /06/2025

To,
The Plant Incharge
HNB Engineers Pvt Ltd,
Vinoba Bhave Nagar, Near Vinz Village,
Vatva, Ahmedabad-382445

Sample ID : MB2525JN01	**#Customer ID :** Outlet at UV System
#Date & Time of Sampling : 25/06/2025 & 11:22 am	**Date &Time of Sample Receipt:** 25/06/2025 & 04:00 pm
Sample Submitted By : Customer	**Condition of Sample :** Satisfactory
Analysis Starting Date : 25/06/2025	**Analysis Completion Date :** 27/06/2025
#Sampling Location : Outlet at UV System	**Sample Description :** Colourless Liquid
#Sample Category: Waste Water	
#Sample Quantity : Approx. 500 ml	**No. of Sample :** 1 of 1

Kindly find here with the Analytical Results.

Sr.No	Parameter	Unit	Result	Reference Method
1.	Faecal Coliforms	MPN/100ml	BQL● (QL =2)	IS:1622-1981 3.3.3 (Reaffirmed 2019)

As per information provided by Customer, ● Below Quantification Limit, **QL** = Quantification Limit.

Remarks: This Report Pertains to Letter No. HNBEPL/100MLD/464/AMD, Dated:- 25/06/2025.

Reviewed by
(Pooja Pathak)
Scientific Officer

GEMI's LABORATORY GANDHINAGAR

Authorized by
(Dr. Nitasha Khatri)
Senior Scientific Officer
&
Laboratory Head

----------End of the Test Report----------

सत्यमेव जयते

Gujarat Environment Management Institute's Laboratory Gandhinagar

GEMI's Laboratory

"State Water Laboratory"

Recognized under Section 52 of the Water (Prevention and Control of Pollution) Act, 1974

TEST REPORT

GEMI/Lab Results/ 1047 /2025 Date: 27 /06/2025

To,
The Plant Incharge
HNB Engineers Pvt Ltd,
Vinoba Bhave Nagar, Near Vinz Village,
Vatva, Ahmedabad-382445

Sample ID : MB2525JN01	**#Customer ID :** Outlet at UV System
#Date & Time of Sampling : 25/06/2025 & 11:22 am	**Date &Time of Sample Receipt:** 25/06/2025 & 04:00 pm
Sample Submitted By : Customer	**Condition of Sample :** Satisfactory
Analysis Starting Date : 25/06/2025	**Analysis Completion Date :** 27/06/2025
#Sampling Location : Outlet at UV System	**Sample Description :** Colourless Liquid
#Sample Category: Waste Water	
#Sample Quantity : Approx. 500 ml	**No. of Sample :** 1 of 1

Kindly find here with the Analytical Results.

Sr.No	Parameter	Unit	Result	Reference Method
1.	Faecal Coliforms	MPN/100ml	BQL● (QL =2)	IS:1622-1981 3.3.3 (Reaffirmed 2019)

As per information provided by Customer, ● Below Quantification Limit, **QL** = Quantification Limit.

Remarks: This Report Pertains to Letter No. HNBEPL/100MLD/464/AMD, Dated:- 25/06/2025.

Reviewed by
(Pooja Pathak)
Scientific Officer

GEMI's LABORATORY GANDHINAGAR

Authorized by
(Dr. Nitasha Khatri)
Senior Scientific Officer
&
Laboratory Head

----------End of the Test Report----------

Environmental Private Limited

TC-4142

TEST REPORT

Water/Wastewater Quality Sampling & Analysis

Company Name	Rajkamal Builders Infra. Pvt. Ltd	Sample ID	WQ/863/25
Company Contact Number	9408005678	Condition of sample	Satisfactory
Address	54, Park Hill Society, opp. Karnavati Club, Ramdev Nagar, Ahmedabad, Gujarat 380015	Sample Drawn By	Customer
		Quantity of Sample	1 L
		Sampling Method	**APHA**/IS MODE: (**GRAB**/ COMPOSITE)
Date & Time of Sampling	04-08-2025, 10:20	Date of Sample Received	04-08-2025
Analysis Starts Date	04-08-2025	Analysis Completion Date	09-08-2025
Sample Description	7 MLD STP Sejpur -Outlet	Temperature/ Humidity during testing	Temp.- 25-29 deg C / Humidity <50 %
Report ULR Number:	TC414225000000963F	**Report Date:**	09-08-2025
		Report Code:	SWA/LAB/04/08/2025/WQ/863

S.No.	PARAMETERS	UNIT	RESULTS	Regulatory Limit	Remarks	Testing Method/ Standard
1	pH @27 deg.	-	7.24			APHA 23rd Edition 4500 B: 2017
2	Total Suspended Solids	mg/l	BDL(MDL<10)			APHA 23rd Edition 2540 D: 2017
3	Total Nitrogen	mg/l	6.84			APHA 23rd Edition 4500 NH3 C/ Norg B/NO3 B/NO2 B:2017
4	Total Phosphorous	mg/l	0.67			APHA 23rd Edition 4500 P D: 2017
5	Alkalinity	as CaCO3 mg/l	198.42			APHA 23rd Edition 2320 B: 2017
6	Oil & Grease	mg/l	BDL(MDL<0.5)			APHA 23rd Edition 5520 C: 2017
7	Chemical Oxygen Demand	mg/l	34.20			IS 3025 - Part 58 : 2006
8	Biochemical Oxygen Demand	mg/l	8.50			IS 3025 - Part 44 : 1993
9	Faecal Coliform	MPN/100 ml	BDL			IS 1622 - Rea. 1981

Supervised By :	Pankaj Gothi	**Authorized Signatory :**	Urv Patel
Signature :		**Signature :**	
Designation :	**Technical Manager/COO Lab**	**Designation :**	**Quality Manager/CEO**

Notes:

1. The report shall not be reproduced except in full without approval of the laboratory can provide assurance that parts of a report are not taken out of context.

2. The results relate only to the items tested and sampled

3. Additions to, deviations, or exclusions from the method- NA

*4. Results which were outsourced to external providers are marked with ** and results which are performed and not in NABL accrediation scope are marked with * in parameter column*

5. Disclaimer: When the information is supplied by the customer and can affect the validity of results

6. Disclaimer: The report that the results apply to the sample as received in case of the sample has been supplied by customer

7. Disclaimer: The laboratory shall be responsible for all the information provided in the report, except when information is provided by the customer

8. Regulatory limit reference if any:- NA

9. Opinion, Interpretation & Statement of Conformity if provided can be refered in the remarks section as "Permissible" "Below acceptable" or whatever is applicable as per the limit

10. BDL : Below Detection Limit | R1: Revised report and the number of that times revised

---------- End of the Test Report ----------

SWA ENVIRONMENTAL PRIVATE LIMITED AHMEDABAD

Gujarat Environment Management Institute's Laboratory Gandhinagar

GEMI's Laboratory

"State Water Laboratory"

Recognized under Section 52 of the Water (Prevention and Control of Pollution) Act, 1974

TEST REPORT

GEMI/Lab Results/ 1207/2025 Date: 04/08/2025

To,
Additional Chief Engineer
Ahmedabad Municipal Corporation
S.T.P. Department, 5th floor,
C - Block, Sardar Patel Bhavan,
Danapith, Ahmedabad - 380001.

Project Name: AMC STP Monitoring & Testing of Outlet Sample

Parameter with Unit : Faecal Coliforms in MPN/100ml	
#Date of Sampling : 31/07/2025	**Date of Sample Receipt:** 01/08/2025
Sample Submitted By : Sampling Team of GEMI	**Condition of Sample :** Satisfactory
Analysis Starting Date : 01/08/2025	**Analysis Completion Date :** 04/08/2025
Reference Method : IS:1622-1981 3.3.3 (Reaffirmed 2019)	**#Sample Category:** Waste Water
#Sample Quantity : 250 ml each	**Total No of Sample(s) :** 17

Kindly find here with the Analytical Results.

Sr.No	Customer ID	Sample ID	Sampling Location	Sample Description	Result
1.	VS-1	MB2501AG01	48 MLD STP Vasna	Colourless Liquid	23
2.	VS-2	MB2501AG02	35 MLD STP Vasna	Colourless Liquid	13
3.	VS-3	MB2501AG03	126 MLD STP Vasna	Greyish Liquid	240
4.	VS-4	MB2501AG04	240 MLD STP Vasna	Greyish Liquid	170
5.	VA-1	MB2501AG05	60 MLD STP Vadaj	Colourless Liquid	08
6.	VI-1	MB2501AG06	100 MLD STP Vinzol	Brownish Liquid	130
7.	VI-2	MB2501AG07	35 MLD STP Vinzol	Brownish Liquid	23
8.	VI-3	MB2501AG08	70 MLD STP Vinzol	Brownish Liquid	240
9.	L-1	MB2501AG09	05 MLD STP Lambha	Colourless Liquid	23
10.	P-1	MB2501AG10	180 MLD STP Pirana	Colourless Liquid	BQL• (QL =2)

Sr.No	Customer ID	Sample ID	Sampling Location	Sample Description	Result
11.	P-2	MB2501AG11	106 MLD STP Pirana	Brownish Liquid	13
12.	P-3	MB2501AG12	60 MLD STP Pirana	Colourless Liquid	BQL• (QL =2)
13.	P-4	MB2501AG13	155 MLD STP Pirana	Brownish Liquid	23
14.	S-1	MB2501AG14	25 MLD STP Shankarbhuvan	Colourless Liquid	23
15.	K-1	MB2501AG15	60 MLD STP Kotarpur	Colourless Liquid	BQL• (QL =2)
16.	M-1	MB2501AG16	25 MLD STP Dafnala	Colourless Liquid	23
17.	MS-1	MB2501AG17	30 MLD STP Maleksaban	Brownish Liquid	BQL• (QL =2)

 # As per information by field data sheet, • Below Quantification Limit, QL = Quantification Limit.

Reviewed by

(Pooja Pathak)
Scientific Officer

GEMI'S LABORATORY GANDHINAGAR

Authorized by

(Dr. Nitasha Khatri)
Senior Scientific Officer
&
Laboratory Head

----------End of the Test Report----------

Terms and conditions governing the test report issued

1) Samples are not drawn by GEMI's laboratory, unless otherwise mentioned.
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4) Water/Waste water samples shall be stored for a period of 07 days after the receipt of the sample in the Laboratory. GEMI's Laboratory is not responsible for variations in results, where preservation may affect the same.

Rajkamal Builders & Infrastructure Pvt. Ltd. 50 MLD STP, Bhavnagar	
Daily Laboratory Analysis Record	
Treated Flow - 12.26 MLD	Date - 31/7/25
Raw Sewage Flow - 12.50 MLD	

Raw Sewage Characteristics		
Parameters	Value as per Tender	Actual Measured Value
Biochemical Oxygen Demand (BOD) mg/l	300	–
Chemical Oxygen Demand (COD) mg/l	600	432
Total Suspended Solid (TSS) mg/l	350	300
PH	6.5 - 7.5	7.20
Total Kjeldahl Nitrogen (As N) in mg/l	40	15.12
Phosporous in mg/l	8.0 - 10.0	3.12
Fecal Coliforms MPN/100ml	2 x 10^7	10^6

Treated Sewage Characteristics		
Parameters	Value as per Tender	Actual Measured Value
Biological Oxygen Demand (BOD) mg/l	< 10	–
Chemical Oxygen Demand (COD) mg/l	< 50	40
Total Suspended Solid (TSS) mg/l	< 10	06
PH	6.5 - 9.0	7.37
Total Nitrogen (As N) in mg/l	< 10	1.12
Phosporous in mg/l	< 2	0.62
Fecal Coliforms MPN/100ml	< 10^2	10^2
Residual Chlorine mg/l	0.5	0.5

BOD Result after incubation for 72 Hrs. at 27 Temp.		Sample date: 28/7/25
Parameters	Value upto as per Tender	Actual Measured value
Inlet B.O.D.	300	113
Outlet B.O.D	<10	06

Lab. Chemist

Plant Incharge

ADDITIONAL CITY ENGINEER
MUNICIPAL CORPORATION
BHAVNAGAR

Rajkamal Builders & Infrastructure Pvt.Ltd 19.20 MLD STP,Akwada,Bhavnagar

Daily Laboratory Analysis Record

Inlet Flow:- 6.134 MLD Treated Flow:- 6.324 MLD

Date:- 26/07/2025

Saturday

Raw Sewage Water(Inlet)Characteristics

Parameters	Value As Per Tender	Actual Measured Value
PH	6.5-7.5	7.46
Total Suspended Solid (TSS) Mg/L	375	140
Chemical Oxygen Demand (COD) Mg/L	425	218
Biochemical Oxygen Demand (BOD) Mg/L	250	U-T
Total Kjeldahl Nitrogen (TKN) in Mg/L	50	33.04
Ammonical Nitrogen (NH4-N) in Mg/L	32.5	21.28
Total Phosporus in Mg/L	7.1	3.915
Total Coliform MPN/100 ml	10^7 10^8	10^7 MPN/100 ml

Treated Sewage Water(Outlet)Characteristics

Parameters	Value As Per Tender	Actual Measured Value
PH	6.5-9.0	7.80
Total Suspended Solid (TSS) Mg/L	<10	10
Chemical Oxygen Demand (COD) Mg/L	<50	25
Biochemical Oxygen Demand (BOD) Mg/L	<10	U-T
Total Nitrogen (TN) in Mg/L	<10	4.48
Ammonical Nitrogen (NH4-N) in Mg/L	<5	BDL
Total Phosporous in Mg/L	<10	1.751
Fecal Coliforms MPN/100 ml	<100	10^2 MPN/100 ml
Total Residual Chlorine Mg/L	1	1

BOD Result After Incubation For 72 Hrs. At 27 C Temp. Sample Date:- 22/07/25

Parameters	Value As Per Tender	Actual Measured Value
Inlet BOD	250	83
Outlet BOD	<10	09

LAB CHEMIST

PLANT INCHARGE

ADDITIONAL CITY ENGINEER
MUNICIPAL CORPORATION
BHAVNAGAR

GO GREEN MECHANISMS PVT. LTD.

Head Office & Lab
Dayal Estate, National Highway No.8, Opp APMC Market Gate-1, Jetalpur, District-Ahmedabad-382426 Gujarat. INDIA

Mobile No : +91-7069072001 Email Id : lab@gogreenmechanisms.com

CERTIFICATE OF ANALYSIS

Report Number: GGMPL/PN/874E/77/02

Reporting Date : 08/07/2025

Executive Engineer (Capital Project Division No. 03)
2215 Water Supply & Sanitation (107) Gandhinagar Sewage Scheme , testing of Drainage water samples From Various S.T.P. of Gandhinagar.(Basan)

TC-7073

SAMPLE DETAILS

Lab ID:	Lab/PN/874E/77/02	Sampling Date:	01/07/2025
Sample Drawn By:	Mayan Dabhi	Sample Receipt Date:	02/07/2025
Sample Type:	Waste Water	Analysis Start Date:	03/07/2025
Sample Description:	STP Outlet	Analysis End Date:	08/07/2025
Sample Quantity:	6 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	Norm
1	pH at 25 °C	6.82	-	IS 3025- Part 11	-
2	Colour	5	CU	IS 3025- Part 4	-
3	Phosphate as P	9.27	mg/L	APHA 24th Edn 4500P D	-
4	Sulphate	20.39	mg/L	APHA 24th Edn 4500 SO4 E	-
5	Total Dissolved Solids (TDS)	648.00	mg/L	APHA 24th Edn 2540 C	-
6	Total Suspended Solids (TSS)	42.00	mg/L	APHA 24th Edn 2540 D	-
7	Oil and Grease	BQL (QL=2)	mg/L	IS 3025- Part 39	-
8	Chemical Oxygen Demand (COD)	128.00	mg/L	APHA 24th Edn 5220 B	-
9	Ammonical Nitrogen	17.36	mg/L	APHA 24th Edn 4500 NH3 C	-
10	Total Kjeldhal Nitrogen	20.72	mg/L	IS 3025-Part 34	-
11	BOD at 27 o C for 3 days	39	mg/L	IS 3025- Part 44	-
12	Fecal Coliform	350	MPN/100ml	APHA 9221 E24th Edn	-

NS=Not Specified, BQL=Below Quantification Limit,QL= Quantification Limit

Reviewed & Authorized by
Gyanvati Shukla & Dr. Haragobinda Srichandan

GREEN MECHANISMS PVT. LTD. AHMEDABAD

End of Report

Reviewed & Authorized by
Payal Patel

CITY ENGINEER
MUNICIPAL CORPORATION
GANDHINAGAR

GO GREEN MECHANISMS PVT. LTD.

Head Office & Lab
Dayal Estate, National Highway No.8, Opp APMC Market Gate-1, Jetalpur, District-Ahmedabad-382426 Gujarat. INDIA

Mobile No : +91-7069072001 Email Id : lab@gogreenmechanisms.com

CERTIFICATE OF ANALYSIS

Report Number: GGMPL/PN/873E/76/02

Reporting Date : 08/07/2025

Executive Engineer (Capital Project Division No. 03)
2215 Water Supply & Sanitation (107) Gandhinagar Sewage Scheme , testing of Drainage water samples From Various S.T.P. of Gandhinagar.(Sargasan)

TC-7073

SAMPLE DETAILS

Lab ID:	Lab/PN/873E/76/02	Sampling Date:	01/07/2025
Sample Drawn By:	Mayan Dabhi	Sample Receipt Date:	02/07/2025
Sample Type:	Waste Water	Analysis Start Date:	03/07/2025
Sample Description:	STP Outlet	Analysis End Date:	08/07/2025
Sample Quantity:	6 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	Norm
1	pH at 25 °C	6.98	-	IS 3025- Part 11	-
2	Colour	BQL (QL=2.5)	CU	IS 3025- Part 4	-
3	Phosphate as p	8.12	mg/L	APHA 24th Edn 4500P D	-
4	Sulphate	20.38	mg/L	APHA 24th Edn 4500 SO4 E	-
5	Total Dissolved Solids (TDS)	602.00	mg/L	APHA 24th Edn 2540 C	-
6	Total Suspended Solids (TSS)	31.00	mg/L	APHA 24th Edn 2540 D	-
7	Oil and Grease	BQL (QL=2)	mg/L	IS 3025- Part 39	-
8	Chemical Oxygen Demand (COD)	96.00	mg/L	APHA 24th Edn 5220 B	-
9	Ammonical Nitrogen	14.28	mg/L	APHA 24th Edn 4500 NH3 C	-
10	Total Kjeldhal Nitrogen	19.04	mg/L	IS 3025-Part 34	-
11	BOD at 27 o C for 3 days	30	mg/L	IS 3025- Part 44	-
12	Fecal Coliform	920	MPN/100ml	APHA 9221 E24th Edn	-

NS=Not Specified, BQL=Below Quantification Limit,QL= Quantification Limit

Reviewed & Authorized by
Gyanvati Shukla & Dr. Haragobinda Srichandan

GO GREEN MECHANISMS PVT. LTD. AHMEDABAD

Reviewed & Authorized by
Payal Patel

--- End of Report ---

CITY ENGINEER
MUNICIPAL CORPORATION
GANDHINAGAR

GO GREEN MECHANISMS PVT. LTD.

Head Office & Lab

Dayal Estate, National Highway No.8, Opp APMC Market Gate-1, Jetalpur, District-Ahmedabad-382426 Gujarat. INDIA

Mobile No : +91-7069072001 Email Id : lab@gogreenmechanisms.com

CERTIFICATE OF ANALYSIS

Report Number: GGMPL/PN/872E/75/02

Reporting Date : 08/07/2025

Executive Engineer (Capital Project Division No. 03)
2215 Water Supply & Sanitation (107) Gandhinagar Sewage Scheme , testing of Drainage water samples From Various S.T.P. of Gandhinagar.(Jaspur)

TC-7073

SAMPLE DETAILS

Lab ID:	Lab/PN/872E/75/02	Sampling Date:	01/07/2025
Sample Drawn By:	Mayan Dabhi	Sample Receipt Date:	02/07/2025
Sample Type:	Waste Water	Analysis Start Date:	03/07/2025
Sample Description:	STP Outlet	Analysis End Date:	08/07/2025
Sample Quantity:	6 L	Sampling Method:	GGMPL/WI/27A
Sample Condition:	Satisfactory	Packing:	Sealed

Sr.No	Parameters	Results	Unit	Test Method	Norm
1	pH at 25 °C	7.11	-	IS 3025- Part 11	-
2	Colour	BQL (QL=2.5)	CU	IS 3025- Part 4	-
3	Phosphate as p	6.51	mg/L	APHA 24th Edn 4500P D	-
4	Sulphate	19.79	mg/L	APHA 24th Edn 4500 SO4 E	-
5	Total Dissolved Solids (TDS)	598.00	mg/L	APHA 24th Edn 2540 C	-
6	Total Suspended Solids (TSS)	32.00	mg/L	APHA 24th Edn 2540 D	-
7	Oil and Grease	BQL (QL=2)	mg/L	IS 3025- Part 39	-
8	Chemical Oxygen Demand (COD)	96.00	mg/L	APHA 24th Edn 5220 B	-
9	Ammonical Nitrogen	19.32	mg/L	APHA 24th Edn 4500 NH3 C	-
10	Total Kjeldhal Nitrogen	22.68	mg/L	IS 3025-Part 34	-
11	BOD at 27 o C for 3 days	28	mg/L	IS 3025- Part 44	-
12	Fecal Coliform	280	MPN/100ml	APHA 9221 E24th Edn	-

NS=Not Specified, BQL=Below Quantification Limit,QL= Quantification Limit

Reviewed & Authorized by
Gyanvati Shukla & Dr. Haragobinda Srichandan

GO GREEN MECHANISMS PVT. LTD. AHMEDABAD

--- End of Report ---

Reviewed & Authorized by
Payal Patel

CITY ENGINEER
MUNICIPAL CORPORATION
GANDHINAGAR

KPI - Report																					
65 MLD STP JASPUR GANDHINAGAR JUNE-JULY 2025																					
JUNE-JULY 2025	Flow			pH		BOD		COD		TSS		TKN		NH_4N	Total phosphorous		FECAL COLIFORM		FRC	DEWATERED SLUDGE	Average Guaranteed Energy Consumption (KWH/MLD)
Date	Design Capacity (MLD)	Raw Sewage Received (MLD)	Treated Effluent Discharged (MLD)	Inlet pH Design (6.5 to 8.5)	Final pH Design- (6.5 to 9.0)	Inlet BOD Design 250 mg / l	Final BOD Design ≤ 10 mg / l	Inlet COD Design 450 mg / l	Final COD Design ≤50 mg / l	Inlet TSS Design 300 mg / l	Final TSS Design ≤ 10 mg / l	Inlet TKN Design 40 mg/l	Final TN Design 10 mg / l	Final NH_4N Design ≤ 5 mg / l	Inlet TP Design- 8 mg/l	Outlet TP Design ≤ 2 mg/l	Inlet Design- 2×10^6	Final Design 230 MPN/100 ml	Final Design ≤ 0.5 mg / l	SLUDGE GENERATED FROM BFP In Wet (MT/DAY)	
27-06-2025	65	59.141	56.636	6.69	7.38	171.00	7.00	379.00	32.00	269.00	7.00	23.31	5.71	2.89	6.12	1.21	1.4x 10^5	36.00	0.50	21.45	94.13

CITY ENGINEER
MUNICIPAL CORPORATION
GANDHINAGAR

3181

TC-10939
GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.: TC-10939/24/0/00000277F **Report Issue Date :19/03/2024**

TEST REPORT
WATER QUALITY TEST REPORT

Name of Customer : 70 MLD STP of Jamnagar Municipal Corporation
Address of Customer : Operator Pooja Construction Jamnagar

Sample ID	: ASP-W-R-24-03-026	Sample Collected by	: Plant Chemist
Sample Type	: Grab	Sample Submitted by	: Plant Incharge
Sample Collection Date	: 10-03-2024	Sampling Method	: Grab
Receipt Date	: 10-03-2024	Analysis Method	: IS 3025 & APHA
Analysis Start Date	: 11-03-2024	Sampling Location	: STP Outlet
Completion Date	: 19-03-2024	Sampling Time	: 3:00 PM
Quantity /No. of sample	: 2 L/ 1 No.	Sample Description	: Treated Sewage
Type of Container	: Plastic	Packing /Seal	Cap seal

Sr. No.	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2022	-	7.31	6.5-8.5
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	28.3	30
3	Biochemical Oxygen Demand (3 days)	IS 3025 (Part 44) : 2023	mg/L	14.3	20
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	44.9	50
5	Amonical Nitrogen	IS 3025 (Part 34)2019	mg/L	1.2	50
6	O & G	APHA 5520 B:2017	mg/L	BDL (<1)	10
7	Residual Chlorine	IS 3025 (Part 26) : 2021	mg/L	0.6	0.5-1

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

Notes:

1. These results related to the sample tested and applicable parameter only.
2. The report shall not be reproduced in full or in part and cannot be used as evidence in court of law without written consent/approval of the laboratory division of ASP.
3. The sample will be destroyed after retention time (14 days) unless specified specially.Reanalysis sample will be
4. Laboratory Division of ASP strictly maintains confidentiality of all the analysis, test results and customer supplied
5. The result reported above relate to the sample identified under sample details and for that day only.
6. Specifications based on SPCB norms / provided by party.
7. Parameters mention with '*' beside them are non-accredited parameters.

For Aura Solution Providers,

Analysed By

(D.U. Dave)

RAJKOT

Reviewed & Authorized By

(P.J. Vachhani)

---------- End of the Test Report ----------

P.J. Vachhani
Rajkot Head Office
1003-B, Alpha Plus, Near Raiya Telephone Exchange,
150 Feet Ring Road, RAJKOT 360007
Y. A. Tal
Cell : 98251 76562

GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.: TC-10939/24/0/00000278F **Report Issue Date :16/05/2024**

TEST REPORT
WATER QUALITY TEST REPORT

Name of Customer : 70 MLD STP of Jamnagar Municipal Corporation
Address of Customer : Operator Pooja Construction Jamnagar

Sample ID	ASP-W-R-24-05-013	Sample Collected by	: Plant Chemist
Sample Type	: Grab	Sample Submitted by	: Plant Incharge
Sample Collection Date	: 08-05-2024	Sampling Method	: Grab
Receipt Date	: 08-05-2024	Analysis Method	: IS 3025 & APHA
Analysis Start Date	: 08-05-2024	Sampling Location	: STP Outlet
Completion Date	: 16-05-2024	Sampling Time	: 2:00 PM
Quantity /No. of sample	: 2 L/ 1 No.	Sample Description	: Treated Sewage
Type of Container	: Plastic	Packing /Seal	Cap seal

Sr. No.	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2022	-	7.35	6.5-8.5
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	8.0	30
3	Biochemical Oxygen Demand (3 days)	IS 3025 (Part 44) : 2023	mg/L	14.5	20
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	40.1	50
5	Amonical Nitrogen	IS 3025 (Part 34)2019	mg/L	0.78	50
6	O & G	APHA 5520 B:2017	mg/L	BDL(<1)	10
7	Residual Chlorine	IS 3025 (Part 26) : 2021	mg/L	0.7	0.5-1

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

Notes:

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2. The report shall not be reproduced in full or in part and cannot be used as evidence in court of law without written consent/approval of the laboratory division of ASP.
3. The sample will be destroyed after retention time (14 days) unless specified specially.Reanalysis sample will be done, if required within 14 days from the date of report of sample, if the sample are not consumed during analysis.
4. Laboratory Division of ASP strictly maintains confidentiality of all the analysis, test results and customer supplied product/sample and will not reveal this information to the third party unless required for the statutory compliance.
5. The result reported above relate to the sample identified under sample details and for that day only.
6. Specifications based on SPCB norms / provided by party.
7. Parameters mention with '*' beside them are non-accredited parameters.

For Aura Solution Providers,

Analysed By
(D.U. Dave)

AURA SOLUTION PROVIDERS RAJKOT

Reviewed & Authorized By
(P.J. Vachhani)

---------- End of the Test Report ----------

P.J. Vachhani
Rajkot Head Office
1003-B, Alpha Plus, Near Raiya Telephone Exchange,
Y. A. Tal
Cell : 98251 76562

GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.: TC-10939/24/0/000000279F **Report Issue Date :18/07/2024**

TEST REPORT

WATER QUALITY TEST REPORT

Name of Customer : 70.00 MLD STP OF Jamnagar Municipal Corporation.
Address of Customer : Operator: Pooja Construction, Jamnagar

Sample ID	: ASP-W-R-24-07-011	Sample Collected by	: Plant Chemist
Sample Type	: Grab	Sample Submitted by	: Plant Incharge
Sample Collection Date	: 12-07-2024	Sampling Method	: Grab
Receipt Date	: 12-07-2024	Analysis Method	: IS 3025 & APHA
Analysis Start Date	: 12-07-2024	Sampling Location	: STP Outlet
Completion Date	: 18-07-2024	Sampling Time	: 4:50 PM
Quantity /No. of sample	: 2 L/ 1 No.	Sample Deacription	: Treated Sewage
Type of Container	: Plastic	Packing /Seal	Cap seal

Sr. No.	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2022	-	7.28	6.5-8.5
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	25.6	30
3	Biochemical Oxygen Demand (3 days)	IS 3025 (Part 44) : 2023	mg/L	15.8	20
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	42.7	50
5	Amonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	1.02	50
6	O & G	APHA 5520 B: 2017	mg/L	BDL(<1)	10
7	Residual Chlorine	IS 3025 (Part 26) : 2021	mg/L	0.6	0.5-1

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

Notes:

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3. The sample will be destroyed after retention time (14 days) unless specified specially.Reanalysis sample will be done, if
4. Laboratory Division of ASP strictly maintains confidentiality of all the analysis, test results and customer supplied
5. The result reported above relate to the sample identified under sample details and for that day only.
6. Specifications based on SPCB norms / provided by party.
7. Parameters mention with '*' beside them are non-accredited parameters.

Analysed By

(D.U. Dave)

RAJKOT

For Aura Solution Providers,
Reviewed & Authorized By

(P.J. Vachhani)

---------- End of the Test Report ----------

P.J. Vachhani
Rajkot Head Office
1003-B, Alpha Plus, Near Raiya Telephone Exchange,
150 East Ring Road, RAJKOT 360007
Y. A. Tal
Cell : 98251 76563

AURA
SOLUTION PROVIDERS
Environmental Advisers

GPCB RECOGNISED SCHEDULE II AUDITORS

Report Issue Date 25/09/2024

TEST REPORT

WATER QUALITY TEST REPORT

Name of Customer : 70.00 MLD STP OF Jamnagar Municipal Corporation.
Address of Customer : Operator: Pooja Construction, Jamnagar

Sample ID	: ASP-W-R-24-09-018	Sample Collected by	: Plant Chemist
Sample Type	: Grab	Sample Submitted by	: Plant Incharge
Sample Collection Date	: 19-09-2024	Sampling Method	: Grab
Receipt Date	: 19-09-2024	Analysis Method	: IS 3025 & APHA
Analysis Start Date	: 19-09-2024	Sampling Location	: STP Outlet
Completion Date	: 25-09-2024	Sampling Time	: 3:30 PM
Quantity /No. of sample	: 2 L/ 1 No.	Sample Description	: Treated Sewage
Type of Container	: Plastic	Packing /Seal	Cap seal

Sr. No.	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2022	-	7.09	6.5-8.5
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	22.1	30
3	Biochemical Oxygen Demand (3 days)	IS 3025 (Part 44) : 2023	mg/L	12	20
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	32.3	50
5	Amonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	1.1	50
6	O & G	APHA 5520 B: 2017	mg/L	BDL (<1)	10
7	Residual Chlorine	IS 3025 (Part 26) : 2021	mg/L	0.7	0.5-1

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

Notes:

1. These results related to the sample tested and applicable parameter only.
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3. The sample will be destroyed after retention time (14 days) unless specified specially.Reanalysis sample will be done, if
4. Laboratory Division of ASP strictly maintains confidentiality of all the analysis, test results and customer supplied
5. The result reported above relate to the sample identified under sample details and for that day only.
6. Specifications based on SPCB norms / provided by party.
7. Parameters mention with '*' beside them are non-accredited parameters.

Analysed By

(D.U. Dave)

SOLUTION PROVIDERS RAJKOT

For Aura Solution Providers,
Reviewed & Authorized By

(P.J. Vachhani)

---------- End of the Test Report ----------

P.J. Vachhani 1003-B, Alpha Plus, Near Raiya Telephone Exchange, Y. A. Tal

AURA
SOLUTION PROVIDERS
Environmental Advisers

GPCB RECOGNISED SCHEDULE II AUDITORS

Report Issue Date : 22/11/24

TEST REPORT

WATER QUALITY TEST REPORT

Name of Customer : 70.00 MLD STP OF Jamnagar Municipal Corporation.
Address of Customer : Operator: Pooja Construction, Jamnagar

Sample ID	: ASP-W-R-24-11-008	Sample Collected by	: Plant Chemist
Sample Type	: Grab	Sample Submitted by	: Plant Incharge
Sample Collection Date	: 15-11-2024	Sampling Method	: Grab
Receipt Date	: 15-11-2024	Analysis Method	: IS 3025 & APHA
Analysis Start Date	: 15-11-2024	Sampling Location	: STP outlet
Completion Date	: 22-11-2024	Sampling Time	: 4:15 PM
Quantity /No. of sample	: 2 L	Sample Description	: Treated Sewage
Type of Container	: Plastic	Packing /Seal	Cap seal

Sr. No.	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2022	-	7.15	6.5-8.5
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	19.2	30
3	Biochemical Oxygen Demand (3 days)	IS 3025 (Part 44) : 2023	mg/L	12	20
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	31.5	50
5	Amonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	1.3	50
6	O & G	APHA 5520 B: 2017	mg/L	BDL(<1)	10
7	Residual Chlorine	IS 3025 (Part 26) : 2021	mg/L	0.55	0.5-1

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

Notes:

1. These results related to the sample tested and applicable parameter only.
2. The report shall not be reproduced in full or in part and cannot be used as evidence in court of law without written consent/approval
3. The sample will be destroyed after retention time (14 days) unless specified specially.Reanalysis sample will be done, if required
4. Laboratory Division of ASP strictly maintains confidentiality of all the analysis, test results and customer supplied product/sample
5. The result reported above relate to the sample identified under sample details and for that day only.
6. Specifications based on SPCB norms / provided by party.
7. Parameters mention with '*' beside them are non-accredited parameters.

Analysed By

(D.U. Dave)

SOLUTION PROVIDERS RAJKOT

For Aura Solution Providers,
Reviewed & Authorized By

(P.J. Vachhani)

---------- End of the Test Report ----------

P.J. Vachhani 1003-B, Alpha Plus, Near Raiya Telephone Exchange, Y. A. Tal

GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.:TC-15272/25/0/00000012F **Report Issue Date: 16/01/2025**

TEST REPORT

WATER QUALITY TEST REPORT

Name of Customer : 70.00 MLD STP OF Jamnagar Municipal Corporation.
Address of Customer : Operator: Pooja Construction, Jamnagar

Sample ID	: ASP-W-R-25-01-008	Sample Collected by	: Plant Chemist
Sample Type	: Grab	Sample Submitted by	: Plant Incharge
Sample Collection Date	: 10-01-2025	Sampling Method	: Grab
Receipt Date	: 10-01-2025	Analysis Method	: IS 3025 & APHA
Analysis Start Date	: 10-01-2025	Sampling Location	: STP Outlet
Completion Date	: 16-01-2025	Sampling Time	: 4:15 PM
Quantity /No. of sample	: 2 L/ 1 No.	Sample Description	: Treated Sewage
Type of Container	: Plastic	Packing /Seal	Cap seal

Sr. No.	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2022	-	7.1	6.5-8.5
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	12.0	30
3	Biochemical Oxygen Demand (3 days)	IS 3025 (Part 44) : 2023	mg/L	13.6	20
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	41.2	50
5	Amonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	1.12	50
6	O & G	APHA 5520 B: 2017	mg/L	BDL(<1)	10
7	Residual Chlorine	IS 3025 (Part 26) : 2021	mg/L	0.56	0.5-1

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

Notes:

1. These results related to the sample tested and applicable parameter only.
2. The report shall not be reproduced in full or in part and cannot be used as evidence in court of law without written consent/approval of the laboratory division of ASP.
3. The sample will be destroyed after retention time (14 days) unless specified specially.Reanalysis sample will be done, if required within 14 days from the date of report of sample, if the sample are not consumed during analysis.
4. Laboratory Division of ASP strictly maintains confidentiality of all the analysis, test results and customer supplied product/sample and will not reveal this information to the third party unless required for the statutory compliance.
5. The result reported above relate to the sample identified under sample details and for that day only.
6. Specifications based on SPCB norms / provided by party.
7. Parameters mention with '*' beside them are non-accredited parameters.

Analysed By

(Dr. D.U. Dave)

AURA SOLUTION PROVIDERS RAJKOT

For Aura Solution Providers,
Reviewed & Authorized By

(P.J. Vachhani)

---------- End of the Test Report ----------

P.J. Vachhani
Rajkot Head Office
1003-B, Alpha Plus, Near Raiya Telephone Exchange,
Y. A. Tal

MONTHLY LAB REPORT OF 70 MLD SEWAGE TREATMENT PLANT JAMNAGAR (JULY- 2025)

3188

SR.	PARAMETER	PH		COD (mg/l)		BOD (mg/l)		TSS (mg/l)		O&G (mg/l)		Total kjeldhal nitrogen (mg/l)		Ammonium Nitrogen (mg/l)		Total Phosphorus (mg/l)		FECAL COLIFORM (MPN/100ml)		TOTAL COLIFORM (MPN/100ml)		REMARKS
	BID VALUE	6.5-8.5	6.5-8.5	480 mg/l	<250 mg/l	250 mg/l	<20 mg/l	400 mg/l	<30 mg/l	10-15 mg/l	<10 mg/l	55 mg/l	<10 mg/l	30 mg/l	<50 mg/l	10 mg/l	<5 mg/l	10^6 MPN/100ml	<1000 MPN/100ml	10^7 MPN/100ml	<1000 MPN/100ml	
	Date	INLET	OUTLET	INLET	OUTLET	INLET	OUTLET	INLET	OUTLET	INLET	OUTLET	INLET	OUTLET	INLET	OUTLET	INLET	OUTLET	INLET	OUTLET	INLET	OUTLET	
1	01/07/2025	7.27	7.63	288	48	101.3	9.3	483	19	0.56	0	32.2	7	20.16	3.36	1.13	0.48	350	23	540	27	
2	02/07/2025	7.21	7.67	336	48	112.7	9.1	477	19	0.51	0	33.6	4.2	19.88	3.36	0.94	0.58	180	14	280	17	
3	03/07/2025	7.24	7.55	288	48	105.3	9.7	489	18	0.49	0	26..6	5.6	18.76	3.36	0.92	0.38	350	14	540	17	
4	04/07/2025	7.19	7.69	312	48	113.3	9.7	485	18	0.50	0	25.2	4.2	19.32	3.92	1.18	0.40	170	17	180	21	
5	05/07/2025	7.28	7.56	288	40	101.5	8.7	477	17	0.56	0	29.4	4.2	17.92	3.64	0.89	0.38	140	14	280	21	
6	06/07/2025	7.38	7.72	304	48	119.5	9.1	486	19	0.42	0	32.2	5.6	18.48	3.92	0.86	0.43	240	17	280	22	
7	07/07/2025	7.26	7.59	288	48	121.5	9.1	477	19	0.59	0	36.4	5.6	19.88	3.64	1.12	0.42	350	22	540	26	
8	08/07/2025	7.19	7.74	328	40	105.4	9.2	474	19	0.44	0	36.4	4.2	19.88	3.64	0.99	0.32	350	27	540	33	
9	09/07/2025	7.31	7.60	272	40	107.3	8.9	474	19	0.56	0	36.4	5.6	18.76	3.36	0.96	0.39	170	17	180	21	
10	10/07/2025	7.26	7.59	296	48	105.4	9.2	482	17	0.76	0	33.6	7	20.16	3.36	0.84	0.46	220	17	280	22	
11	11/07/2025	7.44	7.74	304	40	119.7	9.3	480	18	0.51	0	29.4	7	18.48	3.64	0.96	0.42	180	17	220	21	
12	12/07/2025	7.28	7.82	304	48	115.4	9	486	17	0.65	0	36.4	4.2	19.88	3.36	0.93	0.35	220	17	280	21	
13	13/07/2025	7.26	7.78	288	48	112.7	9.1	485	18	0.58	0	32.2	5.6	17.64	3.08	0.98	0.45	170	26	280	27	
14	14/07/2025	7.33	7.67	280	48	109.1	9.5	491	18	0.50	0	35	7	19.6	3.92	0.94	0.48	220	22	240	23	
15	15/07/2025	7.20	7.62	296	40	105.5	9.5	488	18	0.60	0	32.2	4.2	19.04	3.92	0.98	0.47	350	26	540	27	

16	16/07/2025	7.39	7.87	328	48	105.7	8.9	477	17	0.32	0	29.4	4.2	17.92	3.08	0.88	0.37	240	22	350	27	
17	17/07/2025	7.35	7.69	312	40	115.2	9.2	485	18	0.59	0	30.8	5.6	19.6	3.36	0.92	0.43	280	26	350	27	
18	18/07/2025	7.31	7.81	312	40	112.7	9.1	479	17	0.63	0	33.6	7	17.92	3.36	0.98	0.34	140	12	280	14	
19	19/07/2025	7.39	7.67	336	40	107.3	8.9	483	18	0.72	0	32.2	5.6	17.64	3.36	0.91	0.39	170	11	220	14	
20	20/07/2025	7.26	7.69	320	48	106.9	9.3	481	18	0.49	0	36.4	5.6	19.6	3.08	0.92	0.57	170	11	180	14	
21	21/07/2025	7.31	7.73	296	48	104.7	9.5	475	19	0.65	0	39.2	7	20.16	3.08	1.15	0.54	240	21	280	22	
22	22/07/2025	7.28	7.61	288	40	114.9	9.3	495	17	0.66	0	37.8	4.2	20.16	3.92	0.79	0.42	240	27	350	33	
23	23/07/2025	7.21	7.78	304	48	103.6	9.2	486	17	0.58	0	36.4	5.6	17.64	3.92	0.99	0.38	170	26	280	27	
24	24/07/2025	7.25	7.74	280	40	115.1	9.5	492	19	0.29	0	39.2	7	20.44	3.92	0.98	0.42	170	14	180	17	
25	25/07/2025	7.31	7.81	312	40	112.7	9.1	479	17	0.63	0	33.6	7	17.92	3.36	0.98	0.34	140	12	280	14	
26	26/07/2025	7.10	7.57	320	40	107.8	9.4	488	18	0.69	0	35	5.6	19.32	3.92	1.08	0.35	170	13	220	14	
27	27/07/2025	7.32	7.56	296	40	106.9	9.3	480	17	0.24	0	33.6	5.6	19.6	3.08	0.96	0.35	170	11	180	14	
28	28/07/2025	7.14	7.72	288	40	107.3	8.9	485	17	0.47	0	33.6	7	16.8	3.92	0.96	0.39	350	23	540	27	
29	29/07/2025	7.33	7.68	304	48	113.3	8.6	486	18	0.63	0	32.2	4.2	19.32	3.92	0.91	0.38	350	26	540	27	
30	30/07/2025	7.32	7.64	328	48	109.1	9.5	487	17	0.39	0	26.6	4.2	18.76	3.64	0.98	0.52	140	26	170	27	
31	31/07/2025	7.15	7.73	272	48	105.2	8.4	475	17	0.46	0	30.8	5.6	18.76	3.64	0.88	0.34	240	26	350	27	
Monthly Average		7.27	7.69	302	44	109.8	9.18	483	18	0.54	0.00	33.37	5.55	19.01	3.55	0.96	0.42	227	19	321	22	

01/08/2025 TO 07/08/2025

MONTHLY LAB REPORT OF 70 MLD SEWAGE TREATMENT PLANT - JAMNAGAR (AUG- 2025)

SR.	PARAMETER	P^H		COD (mg/l)		BOD (mg/l)		TSS (mg/l)		O&G (mg/l)		Total kjeldhal nitrogen (mg/l)		Ammonium Nitrogen (mg/l)		Total Phosphorus (mg/l)		FECAL COLIFORM (MPN/100ml)		TOTAL COLIFORM (MPN/100ml)		REMARKS
	BID VALUE	6.5-8.5	6.5-8.5	480 mg/l	<250 mg/l	250 mg/l	<20 mg/l	400 mg/l	<30 mg/l	10-15 mg/l	<10 mg/l	55 mg/l	<10 mg/l	30 mg/l	<50 mg/l	10 mg/l	<5 mg/l	10^6 MPN/100ml	<1000 MPN/100ml	10^7 MPN/100ml	<1000 MPN/100ml	
	Date	INLET	OUTLET	INLET	OUTLET	INLET	OUTLET	INLET	OUTLET	INLET	OUTLET	INLET	OUTLET	INLET	OUTLET	INLET	OUTLET	INLET	OUTLET	INLET	OUTLET	
1	01/08/2025	7.08	7.65	304	40	105.4	9.2	488	18	0.64	0	35	4.2	19.6	3.92	0.90	0.37	170	17	220	21	
2	02/08/2025	7.26	7.72	312	40	107.3	8.9	478	18	0.60	0	30.8	5.6	17.64	3.36	0.92	0.48	240	27	350	33	
3	03/08/2025	7.21	7.69	272	48	101.3	9.3	477	19	0.51	0	25.2	4.2	19.88	3.64	0.84	0.46	350	14	540	17	
4	04/08/2025	7.19	7.67	312	40	107.3	8.9	488	18	0.60	0	33.6	7	20.16	3.08	1.15	0.55	240	21	280	22	
5	05/08/2025	7.16	7.60	296	40	105.4	9.2	488	17	0.59	0	36.4	5.6	17.64	3.92	0.83	0.31	350	21	540	26	
6	06/08/2025	7.29	7.67	312	48	109.1	9.1	486	18	0.33	0	35	4.2	18.48	3.36	0.89	0.31	170	17	220	21	
7	07/08/2025	7.26	7.68	288	48	121.5	9.1	486	17	0.58	0	29.4	5.6	16.8	3.92	0.99	0.38	170	26	280	27	
Average		**7.21**	**7.67**	**#####**	**43.43**	**#####**	**9.10**	**484**	**18**	**0.55**	**0.00**	**32.20**	**5.20**	**18.60**	**3.60**	**0.93**	**0.41**	**241**	**20**	**347**	**24**	

Corresponding Address :
202, Trade Square, Opp. Torrent Power House, Sabarmati,
Ahmedabad-380 005. Ph. 079-2757 2758 Mo. +91 72280 03335
e-Mail : accounts@entechlaboratories.com

TEST REPORT

LABORATORY ID: ETL/EFF/07-25/8298 **REPORT ID:** 40544 **ISSUE DATE:** 11/07/2025

CUSTOMER NAME : **M/S. TELEMACHUS HIGH TECH CORPORATION**

ADDRESS : Block No.1 "MAA" B/H. Jalaram Society, Shital Nagar, Nr. Vasudhara & Jaladarshan Apartment, Junagadh – 362001.

SAMPLE DETAILS

SAMPLE TYPE	:	Waste Water
SAMPLINGTYPE	:	Grab Sampling (Collected by Client)
SAMPLING LOCATION	:	STP Inlet
SAMPLE DESCRIPTION	:	Untreated Water
SAMPLING DATE	:	04/07/2025
ANALYSIS START DATE – END DATE	:	05/07/2025– 11/07/2025
METHOD PROTOCOL/ STANDARD	:	IS:3025/APHA
SAMPLE QUANTITY	:	2.5 Ltr.

ANALYSIS DETAILS

SR. No.	PARAMETER	UNIT	RESULT	TEST METHOD
01.	pH at 25 °C	-	**6.7**	IS:3025 (Part-11): 2022
02.	Total Suspended Solids @ 105 °C	mg/L	**1240**	IS:3025 (Part-17): 2022
03.	Chemical Oxygen Demand (COD)	mg/L	**548**	IS:3025 (Part-58) RA2022
04.	BOD (5 Days at 20 °C)	mg/L	**180**	APHA 24th Edi. (5210-B)2023

TESTED BY: Dhruti Rana

AUTHORISED SIGNATORY

--End of Report--

Note:
1. The results relate only to the items tested.
2. The report shall not be reproduced either in full or part without written approval of the laboratory.
3. B.D.L. = Below Detection Limit, N.D. = Not Detected,

Corresponding Address :
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Ahmedabad-380 005. Ph. 079-2757 2758 Mo. +91 72280 03335
e-Mail : accounts@entechlaboratories.com

TEST REPORT

LABORATORY ID: ETL/EFF/07-25/8299 | **REPORT ID:** 40545 | **ISSUE DATE:** 11/07/2025

CUSTOMER NAME : **M/S. TELEMACHUS HIGH TECH CORPORATION**

ADDRESS : Block No.1 "MAA" B/H. Jalaram Society, Shital Nagar, Nr. Vasudhara & Jaladarshan Apartment, Junagadh – 362001.

SAMPLE DETAILS

SAMPLE TYPE	:	Waste Water
SAMPLINGTYPE	:	Grab Sampling (Collected by Client)
SAMPLING LOCATION	:	STP Outlet
SAMPLE DESCRIPTION	:	Treated Water
SAMPLING DATE	:	04/07/2025
ANALYSIS START DATE – END DATE	:	05/07/2025– 11/07/2025
METHOD PROTOCOL/ STANDARD	:	IS:3025/APHA
SAMPLE QUANTITY	:	2.5 Ltr.

ANALYSIS DETAILS

SR. No.	PARAMETER	UNIT	RESULT	GPCB NORMS	TEST METHOD
01.	pH at 25 °C	-	**07**	6.5 to 9.0	IS:3025 (Part-11): 2022
02.	Total Suspended Solids @ 105 °C	mg/L	**13**	<30	IS:3025 (Part-17): 2022
03.	Chemical Oxygen Demand (COD)	mg/L	**07**	-	IS:3025 (Part-58) RA2022
04.	BOD (5 Days at 20 °C)	mg/L	**2.5**	<20	APHA 24th Edi. (5210-B)2023

TESTED BY: Dhruti Rana

AUTHORISED SIGNATORY

--End of Report--

Note:
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NATURE MICROVISION LLP

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No.4, Versetile Industrial Estate, Nr. Kotak Bank, Gate No.5, Kathwada Gidc, Ahmedabad - 382430.

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Test Report

Report ID: NML/WW/25-26/404 **Date: 21/07/2025**

Customer Name	**P.DAS INFRASTRUCTURE PVT LTD**		
Customer Address	29.50 MLD LOL SONREKH		
Date & Time of Sampling	15/07/2025	**Sampling Plan & Method**	IS 3025(Part-1) RA 2019
Date of Receipt of Sample	16/07/2025		
Sample Collected by	Client	**Sample Condition**	SATISFACTORY
Analysis Starting Date	17/07/2025	**Packing / Seal**	SEALED
Analysis Completion Date	21/07/2025	**Quantity / No. of Samples**	Approx. 1 LIT. * 1NO.
Environmental Condition	Temperature: 25 °C ± 2	**Relative Humidity (%)**	Humidity ≤ 50 %

Sample No.	Sample ID	Sample Type	Location	Description
1.	25-26/413	Waste Water	Outlet	Treated Water

Analysis Results

Sr. No.	Parameters	Reference Method	Results	Regulatory Limit	Unit
1.	pH	IS 3025 (Part 11): 2022	7.52	6.5-9.0	--
2.	BIOLOGICAL OXYGEN DEMAND (3 days at 27°C)	IS 3025 (Part 44): 2023	8.6	<10	mg/L
3.	CHEMICAL OXYGEN DEMAND	IS 3025 (Part 58) : 2023	44	<50	mg/L
4.	TOTAL SUSPENDED SOLIDS	IS 3025 (Part 17): 1988 (RA 2022)	8.31	<10	mg/L
5.	AMMONICAL NITROGEN	IS 3025 (Part 34/sec-1):2023	2.10	<5	mg/L
6.	TOTAL NITROGEN	IS 3025 (Part 34/sec- 1):2023	6.7	<10	mg/L
7.	TOTAL PHOSHORUS	IS 3025 (Part 31) :Sec 1 : 2022	0.58	1	mg/L
8.	FAECAL COLIFORM	IS 15185 : 2016	169	<230	(MPN)/100
9.	RESIDUAL CHLORINE	IS 3025 (Part 31) : Sec 1 : 2022	0.59	0.5-1.0	mg/L

Checked by
Senior Chemist

NATURE MICROVISION LLP AHMEDABAD

Authorised by
Lab Manager/CEO

End of Test Report

Remarks:

1. BDL: Below Detectable Limit.
2. The report pertains only to the sample tested and does not apply to the bulk quantity.
3. The test report may not be reproduced, wholly or partially, nor used for promotional or publicity purposes without written consent from the laboratory department.
4. Samples will be retained for 15 days after the completion of analysis. A longer retention period can be arranged upon customer request.

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Test Report

Report ID: NML/WW/25-26/402 **Date: 21/07/2025**

Customer Name	**P.DAS INFRASTRUCTURE PVT LTD**		
Customer Address	15.50 MLD KALWA		
Date & Time of Sampling	15/07/2025	**Sampling Plan & Method**	IS 3025(Part-1) RA 2019
Date of Receipt of Sample	16/07/2025		
Sample Collected by	Client	**Sample Condition**	SATISFACTORY
Analysis Starting Date	17/07/2025	**Packing / Seal**	SEALED
Analysis Completion Date	21/07/2025	**Quantity / No. of Samples**	Approx. 1 LIT. * 1NO.
Environmental Condition	Temperature: 25 °C ± 2	**Relative Humidity (%)**	Humidity ≤ 50 %

Sample No.	Sample ID	Sample Type	Location	Description
1.	25-26/412	Waste Water	Outlet	Treated Water

Analysis Results

Sr. No.	Parameters	Reference Method	Results	Regulatory Limit	Unit
1.	pH	IS 3025 (Part 11): 2022	7.35	6.5-9.0	--
2.	BIOLOGICAL OXYGEN DEMAND (3 days at 27°C)	IS 3025 (Part 44): 2023	7.3	<10	mg/L
3.	CHEMICAL OXYGEN DEMAND	IS 3025 (Part 58) : 2023	45	<50	mg/L
4.	TOTAL SUSPENDED SOLIDS	IS 3025 (Part 17): 1988 (RA 2022)	8.23	<10	mg/L
5.	AMMONICAL NITROGEN	IS 3025 (Part 34/sec-1):2023	2.6	<5	mg/L
6.	TOTAL NITROGEN	IS 3025 (Part 34/sec- 1):2023	6.5	<10	mg/L
7.	TOTAL PHOSHORUS	IS 3025 (Part 31) :Sec 1 : 2022	0.53	1	mg/L
8.	FAECAL COLIFORM	IS 15185 : 2016	161	<230	(MPN)/100
9.	RESIDUAL CHLORINE	IS 3025 (Part 31) : Sec 1 : 2022	0.52	0.5-1.0	mg/L

Checked by
Senior Chemist

NATURE MICROVISION LLP AHMEDABAD

Authorised by
Lab Manager/CEO

End of Test Report

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Test Report

Report ID: NML/WW/25-26/402 **Date: 21/07/2025**

Customer Name	**P.DAS INFRASTRUCTURE PVT LTD**		
Customer Address	11 MLD ZANZARDA		
Date & Time of Sampling	15/07/2025	**Sampling Plan & Method**	IS 3025(Part-1) RA 2019
Date of Receipt of Sample	16/07/2025		
Sample Collected by	Client	**Sample Condition**	SATISFACTORY
Analysis Starting Date	17/07/2025	**Packing / Seal**	SEALED
Analysis Completion Date	21/07/2025	**Quantity / No. of Samples**	Approx. 1 LIT. * 1NO.
Environmental Condition	Temperature: 25 °C ± 2	**Relative Humidity (%)**	Humidity ≤ 50 %

Sample No.	Sample ID	Sample Type	Location	Description
1.	25-26/411	Waste Water	Outlet	Treated Water

Analysis Results

Sr. No.	Parameters	Reference Method	Results	Regulatory Limit	Unit
1.	pH	IS 3025 (Part 11): 2022	7.50	6.5-9.0	--
2.	BIOLOGICAL OXYGEN DEMAND (3 days at 27°C)	IS 3025 (Part 44): 2023	8.3	<10	mg/L
3.	CHEMICAL OXYGEN DEMAND	IS 3025 (Part 58) : 2023	43	<50	mg/L
4.	TOTAL SUSPENDED SOLIDS	IS 3025 (Part 17): 1988 (RA 2022)	7.4	<10	mg/L
5.	AMMONICAL NITROGEN	IS 3025 (Part 34/sec-1):2023	2.6	<5	mg/L
6.	TOTAL NITROGEN	IS 3025 (Part 34/sec- 1):2023	7.4	<10	mg/L
7.	TOTAL PHOSHORUS	IS 3025 (Part 31) :Sec 1 : 2022	0.59	1	mg/L
8.	FAECAL COLIFORM	IS 15185 : 2016	172	<230	(MPN)/100
9.	RESIDUAL CHLORINE	IS 3025 (Part 31) : Sec 1 : 2022	0.66	0.5-1.0	mg/L

Checked by
Senior Chemist

NATURE MICROVISION LLP AHMEDABAD

Authorised by
Lab Manager/CEO

End of Test Report

Remarks:

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2. The report pertains only to the sample tested and does not apply to the bulk quantity.
3. The test report may not be reproduced, wholly or partially, nor used for promotional or publicity purposes without written consent from the laboratory department.
4. Samples will be retained for 15 days after the completion of analysis. A longer retention period can be arranged upon customer request.

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TEST REPORT

Report No: ES/WW/072025/260					Date: 19/07/2025
Name & Address of Customer	:	**M/s. Junagadh Municipal Corporation** S.No. 308/1A/1, Bilkha Road, Ta: Junagadh, Dist: Junagadh, Junagadh-362001			
Sample Collection Date	:	14/07/2025	Sampling Type	:	Grab
Sample Receipt Date	:	14/07/2025	Sample ID	:	WW-14072025/260
Sampling Location	:	**STP Inlet and STP Outlet**	Sample Description	:	**Waste Water (8.2 MLD STP)**
Sample Collected / Submitted by	:	ES team	Protocol used for monitoring	:	APHA 24th Edition/ IS Method
Quantity / No. of Sample	:	2 Litre/2 Nos.	Analysis Start Date	:	15/07/2025
Packing / Seal	:	Temporary Seal	Analysis End Date	:	19/07/2025
Type of Container	:	Plastic Container	Format No.	:	7.8 F-01
Temperature	:	39°C			

WASTE WATER ANALYSIS RESULT

Sr. No	Parameter	Unit	Test Method	STP Inlet	STP Outlet	GPCB Norms
1	pH	-	IS 3025 (Part-11) – 1983/Reaffirmed 2017	7.56	7.35	6.5-8.0
2	Total Kjeldahl Nitrogen	mg/L	IS 3025 (Part-16) 1984/Reaffirmed 2017	7.65	0.53	1150
3	Total Suspended Solids	mg/L	IS 3025 (Part-17) 1984/Reaffirmed 2017	245.6	19	30.0
4	COD	mg/L	IS 3025 (Part-58)- 2006/ Reaffirmed 2017	367.1	43.8	100.0
5	BOD (3 Days at 27°C)	mg/L	IS 3025 (Part-44) -1993/ Reaffirmed 2019	154.6	7.19	20.0
6	Fecal Coliform	MPN/ 100ml	IS 1622:1981/Reaffirmed 2019	1820	30	Desirable-100 Permissible - 230
7	Total Phosphorus	mg/L	APHA 23rd Edition 2023/4500-NB	12.6	0.68	1
8	Total Nitrogen	mg/L	IS 3025 (Part-31) -1988/ Reaffirmed 2019	15.9	5.7	10

This Report is issued under the following terms & Condition:

1. The report is referring only to the tested sample and for applicable parameter.
2. The sample will be destroyed after retention time (15 Days) unless otherwise specified specially.
3. This report is not to be reproducing wholly or in part, and can't be used as evidence in court of law without the written consent of Laboratory Department, Ecosphere Solutions.

----------END OF REPORT----------

Tested By
T. Patel
(Sr. Analyst/Analyst)

ECOSPHERE SOLUTIONS ★ GANDHINAGAR ★

Authorized Signatory & Reviewed By
Ms. Binal Chauhan
(Quality Manager)

TC-15272

GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.: TC-15272/25/0/0000063P			Report Issue Date :25/06/2025
TEST REPORT			
WATER QUALITY TEST REPORT			
Name of Customer	Pooja Construction Co(15 MLD STP Kothariya),		
Address of Customer	402, Nakshtra-VII,Bapa Sitaram Chowk, Raiya Road, Rajkot-360005		
Sample ID	ASP-W-R-25-06-63	Sample Collected by	Plant Chemist
Sample Type	Grab	Sample Submitted by	Plant In charge
Sample Collection Date	11/06/2025	Sampling Method	Grab
Receipt Date	11/06/2025	Analysis Method	IS 3025 & APHA
Analysis Start Date	11/06/2025	Sampling Location	Final Out let of STP
Completion Date	20/06/2025	Sampling Time	01=30 PM
Quantity /No. of sample	5 lit	Sample Description	Treated Sewage
Type of Container	Plastic	Packing /Seal	Cap seal

S No	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2017	-	7.26	5.5-9.0
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	10.4	20
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	8.7	10
4	Chemical Oxygen	IS 3025 (Part 58) : 2023	mg/L	26.5	50
5	Oil & Grease	APHA 5520 B:2017	mg/L	1.06	10
6	Total Phosphate	IS 3025 (Part 31/Sec 1) 2022	mg/L	0.68	10
7	Total Kjedahdal Nitrogen	IS 3025 (Part 58) : 2023	mg/L	3.8	10
8	Total Coliform	IS 3025 (Part 58) : 2023	mg/L	32	100

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

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6. Specifications based on SPCB norms / provided by party.
7. Parameters mention with '*' beside them are non-accredited parameters.

	Analysed By	Reviewed & Authorized By
	(D.U. Dave)	(P.J. Vachhani)

---------- End of the Test Report ----------

સીટી એન્જીનીયર,
ટ્રેનેજ,
રાજકોટ મહાનગરપાલિકા.

P.J. Vachhani 1003-B, Alpha Plus, Near Raiya Telephone Exchange, Y. A. Tai

TC-15272

GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.: TC-15272/25/0/0000064P			Report Issue Date :25/06/2025
TEST REPORT			
WATER QUALITY TEST REPORT			
Name of Customer	Pooja Construction Co(15 MLD STP Kothariya),		
Address of Customer	402, Nakshtra-VII,Bapa Sitaram Chowk, Raiya Road, Rajkot-360005		
Sample ID	ASP-W-R-25-06-64	Sample Collected by	Plant Chemist
Sample Type	Grab	Sample Submitted by	Plant In charge
Sample Collection Date	11/06/2025	Sampling Method	Grab
Receipt Date	11/06/2025	Analysis Method	IS 3025 & APHA
Analysis Start Date	11/06/2025	Sampling Location	Inlet of STP
Completion Date	20/06/2025	Sampling Time	01=40 PM
Quantity /No. of sample	5 lit	Sample Description	Un Treated Sewage
Type of Container	Plastic	Packing /Seal	Cap seal

S No	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2017	-	7.75	--
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	256.44	--
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	89.8	--
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	268.4	--
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	24.5	--
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	52.0	--
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	41.52	--
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	122	--
9	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	82	--

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

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7. Parameters mention with '*' beside them are non-accredited parameters.

Analysed By	Reviewed & Authorized By
(D.U. Dave)	(P.J. Vachhani)

---------- End of the Test Report ----------

સીટી એન્જીનીયર,
ડ્રેનેજ,
રાજકોટ મહાનગરપાલિકા.

TC-15272

GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.: TC-15272/25/0/0000059P			Report Issue Date :28/05/2025
TEST REPORT			
WATER QUALITY TEST REPORT			
Name of Customer	Pooja Construction Co(15 MLD STP Kothariya),		
Address of Customer	402, Nakshtra-VII,Bapa Sitaram Chowk, Raiya Road, Rajkot-360005		
Sample ID	ASP-W-R-25-05-59	Sample Collected by	Plant Chemist
Sample Type	Grab	Sample Submitted by	Plant In charge
Sample Collection Date	21/05/2025	Sampling Method	Grab
Receipt Date	21/05/2025	Analysis Method	IS 3025 & APHA
Analysis Start Date	21/05/2025	Sampling Location	Out let of STP
Completion Date	28/05/2025	Sampling Time	09.00
Quantity /No. of sample	5 lit	Sample Description	Treated Sewage
Type of Container	Plastic	Packing /Seal	Cap seal

S No	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2017	-	7.40	5.5-9.0
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	13.24	20
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	8.94	10
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	24.6	50
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	2.98	5
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	3.48	10
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	0.49	1
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	98	100
9	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	39	100
10	Residual Chlorine	IS 3025 (Part 26) : 2021	mg/L	(BDL<1)	0.5

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

Notes:

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	Analysed By	Reviewed & Authorized By
	(D.U. Dave)	(P.J. Vachhani)

---------- End of the Test Report ----------

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Environmental Advisers

GPCB RECOGNISED SCHEDULE II AUDITORS

ULR No.: TC-15272/25/0/0000058P			Report Issue Date :28/05/2025
TEST REPORT			
WATER QUALITY TEST REPORT			
Name of Customer	Pooja Construction Co(15 MLD STP Kothariay),		
Address of Customer	402, Nakshtra-VII,Bapa Sitaram Chowk, Raiya Road, Rajkot-360005		
Sample ID	ASP-W-R-25-05-58	Sample Collected by	Plant Chemist
Sample Type	Grab	Sample Submitted by	Plant In charge
Sample Collection Date	21/05/2025	Sampling Method	Grab
Receipt Date	21/05/2025	Analysis Method	IS 3025 & APHA
Analysis Start Date	21/05/2025	Sampling Location	In let of STP
Completion Date	28/05/2025	Sampling Time	08.50
Quantity /No. of sample	5 lit	Sample Description	Untreated Sewage
Type of Container	Plastic	Packing /Seal	Cap seal

S No	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2017	-	7.72	--
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	289.5	--
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	112.5	--
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	298.8	--
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	12.38	--
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	18.20	--
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	12.30	--
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	121	--
9	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	34	--

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7. Parameters mention with '*' beside them are non-accredited parameters.

Analysed By	Reviewed & Authorized By
(D.U. Dave)	(P.J. Vachhani)

---------- End of the Test Report ----------

સીટી એન્જીનીયર,
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GPCB RECOGNISED SCHEDULE II AUDITORS

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ULR No.: TC-15272/25/0/0000054P			Report Issue Date :02/05/2025
TEST REPORT			
WATER QUALITY TEST REPORT			
Name of Customer	Pooja Construction Co(15 MLD STP Kothariya),		
Address of Customer	402, Nakshtra-VII,Bapa Sitaram Chowk, Raiya Road, Rajkot-360005		
Sample ID	ASP-W-R-25-04-54	Sample Collected by	Plant Chemist
Sample Type	Grab	Sample Submitted by	Plant In charge
Sample Collection Date	25/04/2025	Sampling Method	Grab
Receipt Date	25/04/2025	Analysis Method	IS 3025 & APHA
Analysis Start Date	25/04/2025	Sampling Location	Out let of STP
Completion Date	02/05/2025	Sampling Time	08.50
Quantity /No. of sample	5 lit	Sample Description	Treated Sewage
Type of Container	Plastic	Packing /Seal	Cap seal

S No	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2017	-	7.55	5.5-9.0
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	17.80	20
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	10.90	10
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	31.86	50
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	3.85	5
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	5.84	10
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	1.45	1
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	110	100
9	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	46	100
10	Residual Chlorine	IS 3025 (Part 26) : 2021	mg/L	(BDL<1)	0.5

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

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7. Parameters mention with '*' beside them are non-accredited parameters.

Analysed By	Reviewed & Authorized By
(D.U. Dave)	(P.J. Vachhani)

---------- End of the Test Report ----------

AURA SOLUTION PROVIDERS RAJKOT

સીટી એન્જીનીયર,
ટ્રેનેજ,
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GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.: TC-15272/25/0/0000053P			Report Issue Date :02/05/2025
TEST REPORT			
WATER QUALITY TEST REPORT			
Name of Customer	Pooja Construction Co(15 MLD STP Kothariay),		
Address of Customer	402, Nakshtra-VII,Bapa Sitaram Chowk, Raiya Road, Rajkot-360005		
Sample ID	ASP-W-R-25-04-53	Sample Collected by	Plant Chemist
Sample Type	Grab	Sample Submitted by	Plant In charge
Sample Collection Date	25/04/2025	Sampling Method	Grab
Receipt Date	25/04/2025	Analysis Method	IS 3025 & APHA
Analysis Start Date	25/04/2025	Sampling Location	In let of STP
Completion Date	02/05/2025	Sampling Time	08.40
Quantity /No. of sample	5 lit	Sample Description	Untreated Sewage
Type of Container	Plastic	Packing /Seal	Cap seal

S No	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2017	-	6.70	--
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	400.26	--
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	151.40	--
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	441.24	--
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	12.10	--
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	14.40	--
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	10.50	--
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	136	--
9	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	54	--

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

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Analysed By	Reviewed & Authorized By
(D.U. Dave)	(P.J. Vachhani)

---------- End of the Test Report ----------

AURA SOLUTION PROVIDERS RAJKOT

સીટી એન્જીનીયર,
ફેરમ,
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TC-15272
GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.:TC-15272/25/0/00000015F **Report Issue Date :08/03/2025**

TEST REPORT
WATER QUALITY TEST REPORT

Name of Customer : Pooja Construction Co(15 MLD STP Kothariya), 402, Nakshtra-VII,
Address of Customer : Bapa Sitaram Chowk, Raiya Road, Rajkot-360005

Sample ID	: ASP-W-R-25-03-002	Sample Collected by	: Site In-charge
Sample Type	: Grab	Sample Submitted by	: Plant incharge
Sample Collection Date	: 01-03-2025	Sampling Method	: -
Receipt Date	: 01-03-2025	Analysis Method	: IS 3025 & APHA
Analysis Start Date	: 01-03-2025	Sampling Location	: STP Outlet
Completion Date	: 08-03-2025	Sampling Time	: 3:30 PM
Quantity /No. of sample	: 2 L/ 1 No.	Sample Description	: Treated Sewage
Type of Container	: Plastic	Packing /Seal	Cap seal

Sr. No.	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2022	-	7.38	6.5 - 9.0
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	7.9	10
3	Biochemical Oxygen Demand (3 days)	IS 3025 (Part 44) : 2023	mg/L	7.3	10
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	23.8	100
5	Residual Chlorine	IS 3025 (Part 26) : 2021	mg/L	BDL(<0.2)	1

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Notes:

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For Aura Solution Providers,

Analysed By (Dr. D.U. Dave)

Reviewed & Authorized By (P.J. Vachhani)

---------- End of the Test Report ----------

સીટી એન્જીનીયર,
ટ્રેનેજ,
રાજકોટ મહાનગરપાલિકા.

TC-15272

GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.:TC-15272/25/0/00000011F **Report Issue Date :25/02/2025**

TEST REPORT

WATER QUALITY TEST REPORT

Name of Customer : Pooja Construction Co(15 MLD STP Kothariya), 402, Nakshtra-VII,
Address of Customer : Bapa Sitaram Chowk, Raiya Road, Rajkot-360005

Sample ID	: ASP-W-R-25-02-005	Sample Collected by	: Site In-charge
Sample Type	: Grab	Sample Submitted by	: Plant incharge
Sample Collection Date	: 17-02-2025	Sampling Method	: -
Receipt Date	: 17-02-2025	Analysis Method	: IS 3025 & APHA
Analysis Start Date	: 17-02-2025	Sampling Location	: STP Outlet
Completion Date	: 25-02-2025	Sampling Time	: 3:30 PM
Quantity /No. of sample	: 2 L/ 1 No.	Sample Description	: Treated Sewage
Type of Container	: Plastic	Packing /Seal	Cap seal

Sr. No.	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2022	-	7.32	6.5 - 9.0
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	8.1	10
3	Biochemical Oxygen Demand (3 days)	IS 3025 (Part 44) : 2023	mg/L	8.3	10
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	27.2	100
5	Residual Chlorine	IS 3025 (Part 26) : 2021	mg/L	BDL(<0.2)	1

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Analysed By

(Dr. D.U. Dave)

AURA SOLUTION PROVIDERS RAJKOT

For Aura Solution Providers,
Reviewed & Authorized By

(P.J. Vachhani)

---------- End of the Test Report ----------

સીટી એન્જીનીયર,
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150 Feet Ring Road, RAJKOT 360007.

Y. A. Tai
Cell : 98251 76562

TC-15272
GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.:TC-15272/25/0/00000014F **Report Issue Date :08/03/2025**

TEST REPORT

WATER QUALITY TEST REPORT

Name of Customer : Pooja Construction Co(15 MLD STP Kothariya), 402, Nakshtra-VII,
Address of Customer : Bapa Sitaram Chowk, Raiya Road, Rajkot-360005

Sample ID	: ASP-W-R-25-03-001	Sample Collected by	: Site In-charge
Sample Type	: Grab	Sample Submitted by	: Plant incharge
Sample Collection Date	: 01-03-2025	Sampling Method	: -
Receipt Date	: 01-03-2025	Analysis Method	: IS 3025 & APHA
Analysis Start Date	: 01-03-2025	Sampling Location	: STP Inlet
Completion Date	: 08-03-2025	Sampling Time	: 3:15 PM
Quantity /No. of sample	: 2 L/ 1 No.	Sample Description	: Untreated Sewage
Type of Container	: Plastic	Packing /Seal	Cap seal

Sr. No.	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2022	-	7.16	-
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	402.6	-
3	Biochemical Oxygen Demand (3 days)	IS 3025 (Part 44) : 2023	mg/L	97	-
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	279.7	-
5	Oil & Grease	APHA 5520 B: 2023	mg/L	54.7	-

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

Notes:

1. These results related to the sample tested and applicable parameter only.
2. The report shall not be reproduced in full or in part and cannot be used as evidence in court of law without written consent/approval of the laboratory division of ASP.
3. The sample will be destroyed after retention time (14 days) unless specified specially.Reanalysis sample will be done, if required within 14 days from the date of report of sample, if the sample are not consumed during analysis.
4. Laboratory Division of ASP strictly maintains confidentiality of all the analysis, test results and customer supplied product/sample and will not reveal this information to the third party unless required for the statutory compliance.
5. The result reported above relate to the sample identified under sample details and for that day only.
6. Specifications based on SPCB norms / provided by party.
7. Parameters mention with '*' beside them are non-accredited parameters.

For Aura Solution Providers,

Analysed By (Dr.D.U. Dave)

Reviewed & Authorized By (P.J. Vachhani)

---------- End of the Test Report ----------

સીટી એન્જીનીયર,
ઝોન,
રાજકોટ મહાનગરપાલિકા.

P.J. Vachhani 1003-B, Alpha Plus, Near Raiya Telephone Exchange, Y. A. Tai

TC-15272
GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.:TC-15272/25/0/00000010F **Report Issue Date :25/02/2025**

TEST REPORT

WATER QUALITY TEST REPORT

Name of Customer : Pooja Construction Co(15 MLD STP Kothariya), 402, Nakshtra-VII,
Address of Customer : Bapa Sitaram Chowk, Raiya Road, Rajkot-360005

Sample ID	: ASP-W-R-25-02-004	Sample Collected by	: Site In-charge
Sample Type	: Grab	Sample Submitted by	: Plant incharge
Sample Collection Date	: 17-02-2025	Sampling Method	: -
Receipt Date	: 17-02-2025	Analysis Method	: IS 3025 & APHA
Analysis Start Date	: 17-02-2025	Sampling Location	: STP Inlet
Completion Date	: 25-02-2025	Sampling Time	: 3:25 PM
Quantity /No. of sample	: 2 L/ 1 No.	Sample Description	: Untreated Sewage
Type of Container	: Plastic	Packing /Seal	Cap seal

Sr. No.	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2022	-	7.11	-
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	415.6	-
3	Biochemical Oxygen Demand (3 days)	IS 3025 (Part 44) : 2023	mg/L	99	-
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	285.7	-
5	Oil & Grease	APHA 5520 B: 2023	mg/L	53.9	-

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

Notes:

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3. The sample will be destroyed after retention time (14 days) unless specified specially.Reanalysis sample will be done, if required within 14 days from the date of report of sample, if the sample are not consumed during analysis.
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5. The result reported above relate to the sample identified under sample details and for that day only.
6. Specifications based on SPCB norms / provided by party.
7. Parameters mention with '*' beside them are non-accredited parameters.

Analysed By

(Dr.D.U. Dave)

AURA SOLUTION PROVIDERS RAJKOT

For Aura Solution Providers,
Reviewed & Authorized By

(P.J. Vachhani)

---------- End of the Test Report ----------

સીટી એન્જીનીયર,
ટ્રેનેજ,
રાજકોટ મહાનગરપાલિકા.

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Y. A. Tai
Cell : 98251 76562

RAJKOT MUNICIPAL CORPORATION-15 MLD Sewage Tretment Plant At Kothariya [NH Bypass]-Drainage Project Department

EPC Contractor-M/S Rajkamal Builders Infrastructure PVT.LTD.

Lab Sample Analysis Record-Month-June-2025

	Inlet Sample									Outlet Sample											SBR Sample				Flow	
DATE	pH	BOD	COD	TSS	TP	TKN	O&G	TDS	FECAL COLIFORM	pH	BOD	COD	TSS	TP	TKN	O&G	TDS	RFC	NH_3-N	FECAL COLIFORM	SV-30	(mg/L)	MLSS (mg/L)		Inflow	Outflow
		mg/L							MPN		mg/L									MPN	B-1	B-2	B-1	B-2	m^3/h	
1	6.8	213	640	543	6.8	12	5	890		7.2	7	22	4	0.9	5.6	0	850	0.5	1.2		110	120	4240	4300	990	1290
2	7	327	983	520	7.2	17	6	920		7.3	8	26	5	0.5	8.7	1	820	1	2.3		100	130	3990	4530	1050	950
3	7.1	253	756	531	3.4	14	5	880		7.2	9	32	7	0.8	7.2	0	860	0.5	1.4		100	120	4190	4310	756	1090
4	7.2	185	556	509	7.2	12	6	890		7.3	10	40	6	0.5	7.5	1	850	0.5	1.2		100	130	4150	4580	540	1117
5	6.9	216	650	552	6.8	10	5	880	10*7	7.2	6	20	5	0.8	5.2	0	840	0.5	1.1	10*1	120	140	4390	4620	890	1205
6	6.8	252	758	502	7.4	11	4	910		7.1	8	38	7	0.6	8.8	0	850	0.5	1.4		110	130	4240	4520	520	10850
7	7.1	363	1090	540	6.5	12	5	900		7.2	8	26	5	0.8	6.5	3	890	0.5	1.5		120	140	4320	4910	864	1225
8	7.3	210	668	539	6.8	17	5	870		7.5	7	22	6	0.6	7.2	2	850	0.5	1.8		120	140	4410	4980	950	1240
9	7.1	258	706	568	7.1	14	5	890		7.2	6	20	7	0.5	8.4	1	860	0.5	1.1		130	100	4580	3900	1020	1310
10	6.8	262	758	556	3.2	12	3	900		7.3	6	16	8	0.7	7.8	0	850	0.5	1.2		120	100	4620	4050	1050	1171
11	7.2	167	5.2	548	7.4	13	4	920		7.5	8	25	6	0.5	5.9	1	880	1	1.4		130	110	4610	4240	720	1100
12	7.1	251	695	549	6.5	12	6	900	10*7	7.3	9	30	5	0.8	7.2	2	860	0.5	1.1	10*1	140	100	4760	4080	1100	1292
13	7.4	262	750	540	7.2	12	6	920		7.5	9	42	6	0.6	7.4	0	890	0.5	1.2		150	110	4890	4240	930	1190
14	7.1	189	567	532	3.4	14	5	910		7.7	8	29	6	0.8	7.9	0	880	0.5	1.3		140	100	4750	4060	1070	1245
15	7.2	206	620	549	6.5	12	4	900		7.3	7	22	4	0.6	5.2	2	850	0.5	1.5		100	120	3900	4050	1040	1250
16	7.1	250	750	548	7.5	17	5	950		7.3	9	36	5	0.8	8.2	2	900	0.5	1.4		110	110	4000	4220	980	1050
17	7.2	288	865	565	7.2	18	6	940		7.4	9	48	7	0.5	6.4	4	860	0.5	1.2		100	120	3980	4360	1100	1290
18	7	250	750	586	7.4	12	5	900		7.3	8	29	6	0.5	5.6	0	840	0.5	1		110	130	4050	4590	525	540
19	6.8	115	330	402	6.5	14	3	900	10*6	7.2	5	10	10	0.6	4.2	0	860	0.5	0.5	10*1	120	140	4320	4670	1100	1250
20	7.2	182	548	556	6.8	12	4	900		7.4	7	22	6	0.8	5.9	0	880	0.5	0.9		130	140	4580	4790	1230	1121
21	7.1	183	550	542	6.9	13	5	920		7.2	8	26	8	0.6	7.4	0	890	1	1		120	150	4560	4900	928	1571
22	7.2	658	658	605	7.4	10	4	940		7.2	4	12	8	0.7	7.2	1	890	0.5	0.4		130	140	4590	5000	1100	1350
23																										
24																										
25																										
26																										
27																										
28																										
29																										
30																										
31																										
MIN.	6.8	115	5.2	402	3.2	10	3	870		7.1	4	10	4	0.5	4.2	0	820	0.5	0.4		100	100	3900	3900	520	540
MAX.	7.4	658	1090	605	7.5	18	6	950		7.7	10	48	10	0.9	8.8	4	900	1	2.3		150	150	4890	5000	1230	10850
AVG.	7.08	263	656.18	537	6.408	13.25	4.79	906.3		7.3167	7.5	27.13	6.292	0.663	6.85	1	863.3	0.583	1.2417		119.17	123.8	4371.25	4450	925.125	1961.96

સીટી એન્જીનીયર,
ડ્રેનેજ,
રાજકોટ મહાનગરપાલિકા.

RAJKOT MUNICIPAL CORPORATION-15 MLD Sewage Tretment Plant At Kothariya [NH Bypass]-Drainage Project Department

EPC Contractor-M/S Rajkamal Builders Infrastructure PVT.LTD.

Lab Sample Analysis Record-Month-May-2025

Inlet Sample										Outlet Sample											SBR Sample				Flow	
DATE	pH	BOD	COD	TSS	TP	TKN	O&G	TDS	FECAL COLIFORM	pH	BOD	COD	TSS	TP	TKN	O&G	TDS	RFC	NH_3-N	FECAL COLIFORM	SV-30 (mg/L)		MLSS (mg/L)		Inflow	Outflow
		mg/L							MPN		mg/L									MPN	B-1	B-2	B-1	B-2	m^3/h	
1	7	413	1240	798	6.2	20	1	900		7.2	8	26	5	0.7	5.7	0	890	0.5	Ab.		130	100	4680	4090	1189	1528
2	6.8	318	956	502	8.9	19	2	920		7.4	10	36	7	0.5	2.4	0	650	0.5	Ab.		120	120	4340	4520	1325	960
3	7.2	363	1090	540	6.5	22	1	900		7.5	6	20	6	0.8	6.8	0	880	0.5	Ab.		130	100	4490	4050	778	1250
4	6.9	416	1250	698	6.9	19	3	920		7.4	8	26	7	0.5	5.8	1	880	0.5	0.5		140	120	4520	4520	1028	1232
5	7.2	360	1090	756	7.2	18	1	950		7.3	9	29	7	0.8	3.4	0	850	1	Ab.		130	100	4480	3900	1130	1200
6	7	281	840	426	4.9	16	0	890	10*6	7.2	3	12	5	0.6	1.9	0	860	0.5	0.2	10*1	140	110	4610	4080	1080	987
7	7.2	316	950	552	6.8	19	0	900		7.3	9	26	7	0.8	7.9	0	860	0.5	0.5		130	120	4490	4150	1270	1320
8	7	175	525	465	8.9	16	2	920		7.4	5	16	6	0.7	6.5	0	870	0.5	Ab.		140	100	4580	4060	870	890
9	7	208	626	502	6.8	15	0	900		7.5	6	19	7	0.8	5.8	0	850	0.5	Ab.		150	120	5020	4180	1047	1240
10	7.1	368	1105	548	4.2	12	0	850		7.4	4	12	7	0.6	5.2	0	810	0.5	Ab.		100	110	3980	4290	623	680
11	6.9	308	926	529	8.9	19	0	890		7.5	5	26	5	0.8	5.7	0	880	0.5	Ab.		120	120	4320	4190	740	1090
12	6.8	284	850	605	7.5	16	0	900		7.2	6	36	7	0.7	3.2	0	850	0.5	Ab.		110	130	4240	4540	750	1200
13	7	530	1590	546	6.8	19	2	900	10*6	7.3	4	20	6	0.6	7.5	0	840	0.5	0.2	10*1	100	140	3980	4690	690	750
14	7.2	401	1205	459	4.5	16	1	910		7.4	9	26	7	0.8	7.6	0	860	0.5	0.1		110	150	4180	4820	1103	1200
15	7	360	1080	504	6	15	2	900		7.2	5	29	5	0.6	3.4	1	820	0.5	0.1		100	100	3950	4010	600	1090
16	6.8	413	1240	520	8.5	16	2	850		7.1	6	12	7	0.8	7.4	0	850	0.5	0.4		110	100	4220	3980	900	1240
17	7.1	319	958	686	6.8	20	1	890		7.2	3	26	5	0.8	5.2	0	840	0.5	0.5		120	100	4350	4010	1020	1200
18	7.1	175	526	552	8.9	20	2	850		7.3	8	16	6	0.6	6.8	0	860	0.5	0.4		110	100	4210	3950	1130	900
19	7	204	612	460	6.5	19	2	900		7.1	8	19	7	0.8	5.5	0	800	0.5	2.6		100	110	4090	4190	950	1350
20	6.8	368	1104	540	7.5	16	1	920		7	5	12	5	0.8	3.4	0	850	0.5	0.5		110	100	4320	3900	800	850
21	7.2	284	854	528	8.9	15	2	900	10*6	7.5	4	19	7	0.7	7.6	0	840	0.5	0.9	10*1	120	110	4520	4350	1080	1240
22	7	206	620	520	6.8	12	2	900		7.2	5	22	6	0.5	7.5	0	890	0.5	0.6		130	120	4540	4300	785	1380
23	7.2	335	1005	456	7.2	15	1	910		7.4	4	19	7	0.8	3.5	0	850	0.5	0.5		120	100	4480	3900	950	1240
24	6.8	305	890	550	7.8	20	2	900		7.2	6	20	8	0.7	3.4	0	860	0.5	0.1		130	110	4520	4050	720	1050
25	7	372	1105	523	4.2	12	2	910		7.1	5	25	9	0.8	3.8	0	820	0.5	1.4		120	100	4350	3980	990	1090
26	7.2	280	828	546	6.3	13	0	900		7.2	8	18	8	0.5	5.4	1	830	0.5	1.5		130	110	4590	4240	1050	1120
27	6.9	205	640	458	6.5	12	5	910		7	9	22	6	0.8	7.5	1	840	0.5	1.2		140	100	4620	4180	1240	1520
28	7	365	1050	502	4.3	14	3	900		7.5	8	25	6	0.7	7.4	1	860	0.5	1.1		100	100	3950	4090	920	1150
29	6.8	289	820	546	7.5	16	4	900	10*7	7.7	9	20	7	0.6	5.2	0	890	0.5	1.4	10*1	100	110	4020	4140	830	1250
30	7	206	648	520	8.8	12	3	950		7.2	9	32	8	0.8	6.8	0	850	0.5	0.9		110	120	3980	4320	750	1340
31	6.9	176	552	508	6.5	13	5	900		7.1	7	40	5	0.7	7.2	2	860	0.5	1.4		100	130	3920	4540	890	1250
MIN.	6.8	175	525	426	4.2	12	0	850	10*6	7	3	12	5	0.5	1.9	0	650	0.5	0.1	10*1	100	100	3920	3900	600	680
MAX.	7.2	530	1590	798	8.9	22	5	950	10*7	7.7	10	40	9	0.8	7.9	2	890	1	2.6	10*1	150	150	5020	4820	1325	1528
AVG.	7	312.36	936.1	547.55	6.8818	16.36	1.73	901.21	10*6	7.294	6.485	22.97	6.515	0.697	5.5212	0.273	841.82	0.53	0.8208	10*1	119.697	112.4242	4347.879	4210	944.0303	1151.364

ચીફ એન્જીનીયર,
ડ્રેનેજ,
રાજકોટ મહાનગરપાલિકા.

RAJKOT MUNICIPAL CORPORATION-15 MLD Sewage Tretment Plant At Kothariya [NH Bypass]-Drainage Project Department

EPC Contractor-M/S Rajkamal Builders Infrastructure PVT.LTD.

Lab Sample Analysis Record-Month-April-2025

	Inlet Sample									Outlet Sample											SBR Sample				Flow	
DATE	pH	BOD	COD	TSS	TP	TKN	O&G	TDS	FECAL COLIFORM	pH	BOD	COD	TSS	TP	TKN	O&G	TDS	RFC	NH_3-N	FECAL COLIFORM	SV-30 (mg/L)		MLSS (mg/L)		Inflow	Outflow
		mg/L							MPN		mg/L									MPN	B-1	B-2	B-1	B-2	m^3/h	
1	6.8	425	1200	520	9.5	22	9	920		7.2	16	48	9	0.2	10.5	2	860	0.5	0.9		130	110	4540	4290	32	50
2	7.2	336	998	512	8.7	18	5	990		7.5	11	32	7	0.5	9.2	0	850	0.5	0.8		130	100	4420	4040	89	62
3	6.8	289	840	590	7.2	19	8	940		7.3	17	51	5	0.8	8.5	3	840	0.5	0.5		120	110	4240	4090	840	1080
4	6.8	374	1120	450	8.5	20	5	920		7.1	11	35	8	0.4	6.2	0	890	0.5	0.9		130	110	4450	4080	1090	1220
5	6.4	363	1090	498	7.6	19	4	900		7.2	10	32	7	0.5	5.8	0	820	0.5	0.8		140	120	4520	4280	880	1340
6	6.8	416	1250	502	8.2	22	8	910	10*7	7.3	12	40	8	0.6	6.4	5	850	0.5	0.5	10*1	130	130	4390	4390	1000	1050
7	7	330	990	526	8.4	18	3	920		7.3	15	46	8	0.4	6.6	0	890	0.5	0.4		140	120	4420	4350	340	1260
8	7	285	856	592	9.9	10	4	900		7.2	13	39	5	0.3	2.4	2	850	0.5	0.6		150	130	4690	4340	520	1080
9	7.2	426	1290	540	7.8	18	1	950		7.3	15	46	7	0.5	6.8	0	890	0.5	0.8		140	120	4520	4290	1090	1150
10	7.3	398	1160	596	7.2	20	5	900		7.5	12	39	8	0.7	9.2	0	860	1	0.9		150	110	4680	4320	861	1132
11	6.8	286	850	588	8.9	23	4	940		7.2	14	42	9	0.4	8.8	1	880	1	0.8		140	120	4850	4410	1125	1398
12	7.2	426	1205	526	8.5	19	3	950		7.3	13	36	7	0.8	6.7	0	890	0.5	0.5		150	130	5090	4390	1460	1250
13	7.3	412	1190	620	8.7	20	4	960	10*8	7.5	15	42	8	0.5	9.8	0	850	1	0.8	10*1	100	100	3920	3890	1120	880
14	7.4	450	1340	598	8.5	22	3	920		7.6	12	35	8	0.7	8.7	0	890	1	1.2		100	110	4050	4240	1490	1340
15	7.1	432	1295	504	7.5	19	1	940		7.5	9	29	5	0.4	6.4	0	880	0.5	1		110	100	4090	3950	1080	1160
16	7.3	336	980	492	8.2	22	1	960		7.4	16	46	8	0.3	6.8	0	880	0.5	1.6		100	100	4140	3890	800	1200
17	7.2	289	850	596	8.5	21	1	920		7.7	12	39	7	0.5	6.6	0	890	0.5	0.8		110	110	4050	4060	1480	1260
18	7.5	406	1240	528	9.2	20	1	900		7.9	10	28	9	0.6	2.4	0	860	0.5	0.9		120	100	4080	3900	500	1300
19	7	283	849	504	7.6	19	3	920		7.5	12	35	5	0.3	9.2	0	890	0.5	0.5		110	120	4290	4250	1050	1190
20	6.8	379	1128	590	8.2	22	2	900		7.7	5	12	7	0.5	8.5	1	860	0.5	0.2		100	130	4210	4480	1024	1251
21	7.2	427	1252	620	8.4	18	1	950	10*7	7.5	11	30	8	0.7	9.8	1	880	0.5	0.4	10*1	120	120	4060	4310	1220	1240
22	6.9	342	998	750	9.5	20	2	900		7.2	7	26	5	0.2	8.7	0	870	0.5	0.8		110	120	4280	4580	1000	1360
23	6.8	435	1230	822	7.2	18	2	900		7.6	9	22	8	0.5	8.8	0	860	0.5	1.2		120	140	4360	4840	780	1050
24	6.9	200	1125	928	8.5	18	4	900		7.3	8	19	7	0.8	9.2	0	850	0.5	0.9		130	130	4290	4780	925	1290
25	7.5	420	1298	725	7.5	19	2	910		7.5	9	26	8	0.5	6.8	0	890	0.5	0.7		120	140	4480	4890	670	1380
26	7.1	298	890	568	7.8	20	1	950		7.8	5	42	7	0.2	9.8	0	850	0.5	0.6		130	130	4490	4480	850	1160
27	7	495	1250	728	8.5	19	2	900		7.2	6	20	7	0.4	6.5	0	860	0.5	0.7		130	140	4320	4520	1090	1290
28	6.8	296	540	625	8.7	20	3	910		7.3	5	19	8	0.2	6.7	1	890	0.5	0.5		120	150	4510	4800	1140	980
29	6.9	496	1540	720	9.5	22	1	920	10*8	7.2	8	28	7	0.3	9.8	0	850	0.5	2.7	10*2	140	150	4500	4920	1010	1232
30	7	330	954	560	5.6	20	2	950		7..4	9	30	7	0.5	9.5	0	890	0.5	0.8		120	100	4390	3950	1150	1090
MIN.	6.4	200	540	450	5.6	10	1	900	10*6	7.1	5	12	5	0.2	2.4	0	820	0.5	0.2	10*1	100	100	3920	3890	32	50
MAX.	7.5	496	1540	928	9.9	23	9	990	10*8	7.9	17	51	9	0.8	10.5	5	890	1	2.7	10*2	150	150	5090	4920	1490	1398
AVG.	7.028	308	1092	603	6.234	19.4	3.28	926	10*7	7.41	10.9	33.06	7.22	0.48	7.63	0.66	868	0.58	0.863	10*1	124.688	120.3125	4385.313	4337.813	913.375	1099.156

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RAJKOT MUNICIPAL CORPORATION-15 MLD Sewage Tretment Plant At Kothariya [NH Bypass]-Drainage Project Department

EPC Contractor-M/S Rajkamal Builders Infrastructure PVT.LTD.

Lab Sample Analysis Record-Month-March-2025

	Inlet Sample									Outlet Sample											SBR Sample				Flow	
DATE	pH	BOD	COD	TSS	TP	TKN	O&G	TDS	FECAL COLIFORM	pH	BOD	COD	TSS	TP	TKN	O&G	TDS	RFC	NH3-N	FECAL COLIFORM	SV-30	(mg/L)	MLSS (mg/L)		Inflow	Outflow
		mg/L							MPN		mg/L									MPN	B-1	B-2	B-1	B-2	m^3/h	
1	7.2	124	426	343	5.5	18	5	950		7.3	13	45	22	1.5	5.4	2	910	-	0.6		100	150	3620	4520	850	1150
2	7.1	104	357	425	6.2	19	9	970		7.3	33	56	15	1	9.2	3	900	-	0.9		100	160	3750	4940	920	1090
3	7	550	1505	690	4.6	18	13	930		7.2	65	195	55	1	10.6	4	920	-	1.5		110	150	3960	4780	680	1200
4	7.4	134	396	457	5.6	18	10	920		7.5	28	86	19	102	5.6	5	890	-	0.5		100	100	4060	4000	950	1060
5	7.2	166	465	392	5.2	17	8	900		7.6	21	65	26	1.6	5.9	2	850	-	0.2		110	120	4150	3910	590	900
6	7.2	220	600	456	6.2	18	4	920		7.5	93	280	19	0.5	4.2	0	820	-	0.5		100	110	4290	4080	920	1000
7	7.3	250	720	548	5.4	17	2	940		7.6	125	325	56	1.6	4.6	0	900	-	0.8		120	120	4450	4170	1080	1250
8	7.4	190	540	620	5.2	18	6	950	10*6	7.7	62	156	72	0.9	8.7	0	920	-	0.7	10*1	110	100	4240	4380	940	1060
9	7.4	228	625	290	5.5	18	5	990		7.6	105	290	29	0.5	5.4	0	950	-	0.5		120	100	4390	4050	1102	1205
10	7.2	486	1400	476	5.9	19	9	920		7.5	98	298	59	1	9.2	0	890	-	0.6		130	120	4520	4220	740	1124
11	7.2	311	926	465	6.8	10	8	990		7.6	87	245	58	1.2	5.9	4	950	-	0.7		140	110	4840	4350	720	980
12	7.4	640	1640	498	5.4	15	5	900		7.2	43	258	74	1.1	9.8	0	840	-	0.8		150	120	5000	4240	820	1240
13	7	290	990	457	6.2	19	6	950		7.3	26	192	50	1.5	6.9	0	920	-	0.7		150	110	5090	4480	940	1190
14	7.2	320	850	465	4.9	20	5	920	10*7	7.4	28	98	26	0.6	5.8	4	900	-	0.7	10*2	140	120	4940	4520	1050	890
15	7.3	966	2900	80	9.5	22	5	1080		7.6	68	180	10	0.2	4.6	3	910	0.5	0.5		150	100	5020	4940	920	1100
16	7.2	546	1640	208	6.8	24	7	920		7.5	85	256	26	1.2	5.7	2	890	0.5	0.7		100	100	4220	4740	811	1218
17	7.4	666	2000	540	5.8	20	3	950		7.4	53	159	25	1.3	9.5	0	860	0.5	0.6		100	110	4240	4500	730	930
18	7.2	520	1590	420	6.8	22	5	900		7.6	45	46	9	0.2	5.6	2	850	0.5	0.5		110	100	4950	4720	840	1130
19	7.3	300	908	438	9.5	26	6	950		7.5	29	87	26	0.7	6.8	0	860	0.5	0.8		120	120	4240	4980	380	1240
20	7.4	295	887	450	6.5	20	5	900	10*6	7.2	35	106	87	0.8	9.2	23	850	0.5	0.9	10*1	120	110	4190	5020	1030	1360
21	7	541	1625	482	6.7	22	4	950		7.3	26	129	58	0.6	5.7	0	860	1	0.7		110	120	4340	5220	610	1135
22	7.2	308	926	495	6.2	20	5	900		7.5	29	85	29	0.2	5.7	2	850	0.5	0.5		100	120	4290	4500	911	1233
23	7.4	328	986	486	5.6	32	4	920		7.2	87	240	72	0.5	6.9	0	890	0.5	0.6		120	130	4320	4750	815	1012
24	7	374	1124	506	6.9	30	5	900		7.4	36	105	25	0.6	5.2	3	860	1	0.8		110	120	4280	4720	1264	1130
25	7.2	353	1060	458	6.8	31	6	850		7.3	16	75	10	0.7	5.7	4	840	0.5	0.5		120	140	4340	5060	915	930
26	7.2	315	946	492	5.9	29	7	900		7.3	22	69	10	0.3	5.8	3	850	0.5	0.5		110	150	4280	5090	677	1125
27	7.3	330	990	425	6.8	20	5	920		7.5	15	45	10	0.4	6.9	0	860	0.5	0.8		120	140	4450	5080	1240	1130
28	7.3	363	1090	492	4.5	18	7	900		7.6	13	39	8	0.8	5.2	5	900	0.5	0.7		110	150	4220	5240	920	1100
29	7.2	466	1400	548	5.5	15	5	990	10*5	7.6	10	32	9	1.3	5.8	0	920	0.5	0.7	10*1	100	100	4060	4050	811	1218
30	7.2	308	926	620	5.9	19	9	900		7.5	18	56	8	0.2	4.6	0	860	0.5	0.8		110	100	4260	3900	730	930
31	7.4	546	1640	290	6.8	20	8	950		7.6	8	29	7	0.7	5.7	0	850	0.5	0.7		120	110	4390	4090	840	1130
MIN.	7	104	357	80	4.5	10	2	850	10*5	7.2	8	29	7	0.2	4.2	0	820	0.5	0.2	10*1	100	100	3620	3900	380	890
MAX.	7.4	966	2900	690	9.5	32	13	1080	10*7	7.7	125	325	87	102	10.6	23	950	1	1.5	10*2	150	160	5090	5240	1264	1360
AVG.	7.25	382.06	1168	444.13	6.2933	20.7	5.9667	933.667	10*6	7.4667	47.121	146.17	33.7	7.5133	6.38	2.8333	878.67	0.579	0.6567	10*1	118.3333	117	4425.67	4538	864.67	1106.67

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RAJKOT MUNICIPAL CORPORATION-15 MLD Sewage Tretment Plant At Kothariya [NH Bypass]-Drainage Project Department

EPC Contractor-M/S Rajkamal Builders Infrastructure PVT.LTD.

Lab Sample Analysis Record-Month-Fabuary-2025

	Inlet Sample									Outlet Sample										SBR Sample				Flow	
DATE	pH	BOD	COD	TSS	TP	TKN	O&G	TDS	FECAL COLIFORM	pH	BOD	COD	TSS	TP	TKN	O&G	TDS	NH_3-N	FECAL COLIFORM	SV-30	(mg/L)	MLSS (mg/L)		Inflow	Outflow
		mg/L							MPN		mg/L								MPN	B-1	B-2	B-1	B-2	m^3/h	
1	6.9	152	251	342	5.1	10	13	950		7	145	210	325	4.5	8	5	920	2		110	120	4200	4400	390	1050
2	7.1	163	260	346	5.8	12	15	900		7.2	135	252	350	4.9	10	8	910	3		100	130	4520	4610	800	1205
3	6.2	156	247	364	5.2	11	13	920		7	129	243	352	4.2	12	7	910	10		110	110	4490	4220	900	1000
4	6.6	162	352	343	5.9	25	12	910		7.1	147	327	340	4.9	10	2	900	3		100	120	4350	4390	820	1120
5	6.9	159	367	342	6.2	12	13	950		7.2	149	356	300	5.7	12	5	920	2		110	110	4250	4020	770	810
6	7	156	246	356	5.4	14	14	960		7.4	132	290	250	4.2	11	6	900	2		100	120	4050	4360	1260	950
7	7.2	292	400	425	4.2	16	13	950	10*7	7.5	196	360	390	3.9	12	3	910	2	10*4	100	110	3960	4190	540	1200
8	7.5	130	392	325	5.6	17	14	920		7.6	117	352	322	4.2	10	2	900	2		100	100	4220	4350	950	1100
9	7.2	152	450	327	8.4	10	12	960		7.4	50	150	120	3.5	2	5	920	4		110	110	4350	4550	1060	950
10	7.4	116	350	420	9.5	10	15	990		7	35	105	20	2.4	5	4	660	10		120	100	4420	4150	1100	1230
11	7.2	138	416	357	7.2	9	13	950		7.4	53	159	31	1.5	6	6	620	12		110	100	4160	4050	720	1060
12	7.4	141	425	392	6.5	8	14	920		7.5	58	176	29	6.9	9	8	750	11		120	110	4420	4240	350	925
13	7.5	162	247	359	4.3	9	6	950	10*2	7.2	41	124	75	1.7	2	2	820	1	10*1	130	120	4420	4200	470	825
14	7.4	136	450	397	6.2	8	5	920		7.4	72	210	50	2.6	4	2	790	2		120	120	4290	4330	920	1200
15	7	240	392	465	5.6	7	8	940		7.3	86	256	69	2.4	2	1	810	1		110	130	4200	4320	820	1100
16	7.1	232	659	388	4.1	7	9	900		7.2	81	244	52	1.3	3	1	750	1		120	140	4310	4490	420	950
17	6.9	315	782	376	4.5	5	5	910		7.3	109	327	59	2.7	10	3	780	4		130	130	4440	4310	540	1290
18	7	320	905	378	5.4	6	10	950		7.2	63	190	29	1.3	9	2	790	3		110	140	4170	4320	1020	1200
19	7.4	246	520	342	5.2	7	12	990		7.2	41	125	75	2.7	12	6	820	6		120	150	4320	4920	390	1100
20	7	117	352	426	4.4	6	10	920		7.3	30	90	72	1.9	11	2	850	5		110	140	4540	4660	950	1060
21	7	173	520	327	9.5	7	13	950	10*6	7.9	53	160	96	2.5	10	6	620	3	10*1	100	100	4050	3900	1147	1110
22	7.5	133	400	425	4.2	18	13	920		7.2	65	196	75	6.9	6	6	860	2		100	120	4190	4220	880	1230
23	7.1	130	392	325	4.6	10	15	990		7.5	35	105	79	1.7	9	5	660	3		110	120	4150	4240	420	990
24	7.4	150	450	420	5.9	7	14	950		7.2	33	101	62	2.2	5	4	790	2		100	140	4220	4590	1050	1240
25	7.1	156	468	396	6.5	14	10	980		7.5	23	70	56	1.5	6	6	790	3		120	150	4210	4680	1040	1220
26	6.9	84	252	346	5.2	10	10	990		7.5	30	92	35	3.5	8	5	780	4		110	150	4240	4690	850	810
27	7.1	140	420	343	5.9	9	12	960		7.4	29	89	46	2.6	9	5	920	2		120	160	4190	4720	840	1190
28	7.2	132	390	426	4.2	10	13	900		7.5	26	75	21	1.5	8	6	850	2		110	150	4320	4650	990	1220
MIN	6.6	152	247	342	4.2	5	5	900	10*2	7	26	75	21	1.5	2	1	660	1	10*4	100	100	3960	4190	350	810
MAX.	7.5	320	905	426	9.5	18	15	990	10*6	7.9	149	360	390	4.9	12	8	920	12	10*1	130	160	4520	4720	1260	1240
AVG.	7.7	580	5164	616	8.1	18.5	3.5	1180	10*7	7.5	5.9	209	34	2.58	6.82	1.5	1010	4.7	10*1	140	125	4255	3945	785	715

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Eurochem LABORATORIES

Making Analyte Count

TEST REPORT

Report No: ECL/WAC/1140.1/25-26

Issued to	**15 MLD STP – RAJKOT.** NH Bypass, Kothariya, Rajkot		
Sample collected By	Self		
Sample Identity	**Waste Water**	Test Report as per	IS:3025, APHA:2017
Sample Description	**STP Outlet Water**	Batch No.	----
Sample Quantity	1 Liter Approx.	Date of Mfg.	----

Date of Receipt	Date of Start Analysis	Date of Completion	Date of Issue
18/06/2025	18/06/2025	23/06/2025	23/06/2025

Physico-Chemical Requirements

Sr No.	TESTS	REFFERANCE	UNIT OF MEASUREMENT	PERMISSIBLE LIMIT	RESULTS
1.	**pH**	IS : 3025 (Part-11) -2022	----	**5.5-9.0**	**7.11**
2.	**Total Suspended Solids (TSS)**	IS : 3025 (Part-16) - 2023	mg/L	**20 Max.**	**16.0**
3.	**Residual Free Chlorine**	IS : 3025 (Part-26) - 1986	mg/L	**0.5 Max.**	**0.18**
4.	**Ammonical Nitrogen (as NH_3-N)**	IS : 3025 (Part-34) - 1988		**5 Max.**	**3.4**
5.	**Total Nitrogen (as N)**	IS : 3025 (Part-34) - 1988	mg/L	**10 Max.**	**6.3**
6.	**Total Phosphorus (as P)**	IS : 3025 (Part-31) - 1988	mg/L	**1 Max.**	**0.52**
7.	**Oil & Grease**	IS : 3025 (Part-39) - 1991	mg/L	**----**	**< 2**
8.	**Chemical Oxygen Demand (COD)**	IS : 3025 (Part-58) -2006	mg/L	**50 Max.**	**27.0**
Microbial Requirements					
9.	**Biochemical Oxygen Demand (BOD)**	IS : 3025 (Part-44) - 2023	mg/L	**10 Max.**	**8.8**
10.	**Fecal Coliform Bacteria**	IS : 17819 : 2022	MPN/100mL	**230 Max.**	**90**
11.	**Total Coliform**	IS : 15185 : 2016	MPN/100mL	**----**	**169**

NOTE:

1. This report, in full or in part, shall not be published, advertised, used for any legal action, unless prior permission has been secured from The **Eurochem Laboratories LLP, RAJKOT**.
2. Results listed refer to the tested sample at a time of analysis and above mentioned parameters only
3. Sample not drawn by us.

Approved By:

Mr.Jay J. Ramoliya
(M.Sc. Chem.)

Mr. Nandan Sorathiya
(M.Sc. Microbiology)

Authorize Signatory | **SEAL** | **Signatory**

End of Report

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Eurochem LABORATORIES

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TEST REPORT

Report No: ECL/WAC/1140/25-26

Issued to	**15 MLD STP – RAJKOT.** NH Bypass, Kothariya, Rajkot.		
Sample collected By	Self		
Sample Identity	**Waste Water**	Test Report as per	IS:3025, APHA:2017
Sample Description	**STP Inlet Water**	Batch No.	----
Sample Quantity	1 Liter Approx.	Date of Mfg.	----

Date of Receipt	Date of Start Analysis	Date of Completion	Date of Issue
18/06/2025	18/06/2025	23/06/2025	23/06/2025

Physico-Chemical Requirements

Sr No.	TESTS	REFFERANCE	UNIT OF MEASUREMENT	RESULTS
1.	**pH**	IS : 3025 (Part-11) -2022 Electrometric method	----	**7.36**
2.	**Total Suspended Solids (TSS)**	IS : 3025 (Part-16) – 2023 Gravimetric Method	mg/L	**585**
3.	**Total Kjeldahl Nitrogen (as N)**	IS : 3025 (Part-34) - 1988	mg/L	**10.6**
4.	**Total Phosphorus (as P)**	IS : 3025 (Part-31) - 1988	mg/L	**5.4**
5.	**Oil & Grease**	IS : 3025 (Part-39) - 1991	mg/L	**17.8**
6.	**Chemical Oxygen Demand (COD)**	IS : 3025 (Part-58) -2006 Open Reflux method	mg/L	**468**
Microbial Requirements				
7.	**Biochemical Oxygen Demand (BOD)**	IS : 3025 (Part-44) - 2023 3-Day BOD Test Method	mg/L	**277**
8.	**Total Coliform**	IS : 15185 : 2016	MPN/100mL	**475**

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2. Results listed refer to the tested sample at a time of analysis and above mentioned parameters only
3. Sample not drawn by us.

Approved By:

Mr.Jay J. Ramoliya
(M.Sc. Chem.)

Mr. Nandan Sorathiya
(M.Sc. Microbiology)

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End of Report

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ડ્રેનેજ,
રાજકોટ મહાનગરપાલિકા.

Eurochem LABORATORIES

Making Analyte Count

TEST REPORT

Report No: ECL/WAC/1099.1/25-26

Issued to	**15 MLD STP – RAJKOT.** NH Bypass, Kothariya, Rajkot		
Sample collected By	Self		
Sample Identity	**Waste Water**	Test Report as per	IS:3025, APHA:2017
Sample Description	**STP Outlet Water**	Batch No.	----
Sample Quantity	1 Liter Approx.	Date of Mfg.	----

Date of Receipt	Date of Start Analysis	Date of Completion	Date of Issue
15/05/2025	15/05/2025	22/05/2025	23/05/2025

Physico-Chemical Requirements

Sr No.	TESTS	REFFERANCE	UNIT OF MEASUREMENT	PERMISSIBLE LIMIT	RESULTS
1.	**pH**	IS : 3025 (Part-11) -2022	----	**5.5-9.0**	**7.18**
2.	**Total Suspended Solids (TSS)**	IS : 3025 (Part-16) - 2023	mg/L	**20 Max.**	**11.7**
3.	**Residual Free Chlorine**	IS : 3025 (Part-26) - 1986	mg/L	**0.5 Max.**	**0.16**
4.	**Ammonical Nitrogen (as NH_3-N)**	IS : 3025 (Part-34) - 1988		**5 Max.**	**2.5**
5.	**Total Nitrogen (as N)**	IS : 3025 (Part-34) - 1988	mg/L	**10 Max.**	**5.4**
6.	**Total Phosphorus (as P)**	IS : 3025 (Part-31) - 1988	mg/L	**1 Max.**	**0.52**
7.	**Oil & Grease**	IS : 3025 (Part-39) - 1991	mg/L	**----**	**< 2**
8.	**Chemical Oxygen Demand (COD)**	IS : 3025 (Part-58) -2006	mg/L	**50 Max.**	**22.5**
Microbial Requirements					
9.	**Biochemical Oxygen Demand (BOD)**	IS : 3025 (Part-44) - 2023	mg/L	**10 Max.**	**9.7**
10.	**Fecal Coliform Bacteria**	IS : 17819 : 2022	MPN/100mL	**230 Max.**	**72**
11.	**Total Coliform**	IS : 15185 : 2016	MPN/100mL	**----**	**133**

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3. Sample not drawn by us.

Approved By:

Mr.Jay J. Ramoliya
(M.Sc. Chem.)

Mr. Nandan Sorathiya
(M.Sc. Microbiology)

Authorize Signatory | **SEAL** | **Signatory**

End of Report

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Eurochem LABORATORIES

Making Analyte Count

TEST REPORT

Report No: ECL/WAC/1099/25-26

Issued to	**15 MLD STP – RAJKOT.** NH Bypass, Kothariya, Rajkot.		
Sample collected By	Self		
Sample Identity	**Waste Water**	Test Report as per	IS:3025, APHA:2017
Sample Description	**STP Inlet Water**	Batch No.	----
Sample Quantity	1 Liter Approx.	Date of Mfg.	----

Date of Receipt	Date of Start Analysis	Date of Completion	Date of Issue
15/05/2025	15/05/2025	22/05/2025	23/05/2025

Physico-Chemical Requirements

Sr No.	TESTS	REFFERANCE	UNIT OF MEASUREMENT	RESULTS
1.	**pH**	IS : 3025 (Part-11) -2022 Electrometric method	----	**8.08**
2.	**Total Suspended Solids (TSS)**	IS : 3025 (Part-16) - 2023 Gravimetric Method	mg/L	**828**
3.	**Total Kjeldahl Nitrogen (as N)**	IS : 3025 (Part-34) - 1988	mg/L	**13.3**
4.	**Total Phosphorus (as P)**	IS : 3025 (Part-31) - 1988	mg/L	**6.3**
5.	**Oil & Grease**	IS : 3025 (Part-39) - 1991	mg/L	**20.5**
6.	**Chemical Oxygen Demand (COD)**	IS : 3025 (Part-58) -2006 Open Reflux method	mg/L	**585**

Microbial Requirements

7.	**Biochemical Oxygen Demand (BOD)**	IS : 3025 (Part-44) - 2023 3-Day BOD Test Method	mg/L	**331**
8.	**Total Coliform**	IS : 15185 : 2016	MPN/100mL	**567**

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TEST REPORT

Report No: ECL/WAC/1047.1/25-26

Issued to	**15 MLD STP** NH Bypass, Kothariya, Rajkot		
Sample collected By	Self		
Sample Identity	**Waste Water**	Test Report as per	IS:3025, APHA:2017
Sample Description	**STP Outlet Water**	Batch No.	----
Sample Quantity	1 Liter Approx.	Date of Mfg.	----

Date of Receipt	Date of Start Analysis	Date of Completion	Date of Issue
07/04/2025	07/04/2025	12/04/2025	12/04/2025

Physico-Chemical Requirements

Sr No.	TESTS	REFFERANCE	UNIT OF MEASUREMENT	PERMISSIBLE LIMIT	RESULTS
1.	**pH**	IS : 3025 (Part-11) -2022	----	**5.5-9.0**	**7.45**
2.	**Total Suspended Solids (TSS)**	IS : 3025 (Part-16) - 2023	mg/L	**20 Max.**	**6.3**
3.	**Residual Free Chlorine**	IS : 3025 (Part-26) - 1986	mg/L	**0.5 Max.**	**0.07**
4.	**Ammonical Nitrogen (as NH_3-N)**	IS : 3025 (Part-34) - 1988		**5 Max.**	**1.8**
5.	**Total Nitrogen (as N)**	IS : 3025 (Part-34) - 1988	mg/L	**10 Max.**	**3.6**
6.	**Total Phosphorus (as P)**	IS : 3025 (Part-31) - 1988	mg/L	**1 Max.**	**0.52**
7.	**Oil & Grease**	IS : 3025 (Part-39) - 1991	mg/L	**----**	**< 2**
8.	**Chemical Oxygen Demand (COD)**	IS : 3025 (Part-58) -2006	mg/L	**50 Max.**	**11.5**
Microbial Requirements					
9.	**Biochemical Oxygen Demand (BOD)**	IS : 3025 (Part-44) - 2023	mg/L	**10 Max.**	**5.4**
10.	**Fecal Coliform Bacteria**	IS : 17819 : 2022	MPN/100mL	**230 Max.**	**70**
11.	**Total Coliform**	IS : 15185 : 2016	MPN/100mL	**----**	**108**

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Eurochem LABORATORIES

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TEST REPORT

Report No: ECL/WAC/1047/25-26

Issued to	**15 MLD STP** NH Bypass, Kothariya, Rajkot.		
Sample collected By	Self		
Sample Identity	**Waste Water**	Test Report as per	IS:3025, APHA:2017
Sample Description	**STP Inlet Water**	Batch No.	----
Sample Quantity	1 Liter Approx.	Date of Mfg.	----

Date of Receipt	Date of Start Analysis	Date of Completion	Date of Issue
07/04/2025	07/04/2025	12/04/2025	12/04/2025

Physico-Chemical Requirements

Sr No.	TESTS	REFFERANCE	UNIT OF MEASUREMENT	RESULTS
1.	**pH**	IS : 3025 (Part-11) -2022 Electrometric method	----	**6.82**
2.	**Total Suspended Solids (TSS)**	IS : 3025 (Part-16) - 2023 Gravimetric Method	mg/L	**2250**
3.	**Total Kjeldahl Nitrogen (as N)**	IS : 3025 (Part-34) - 1988	mg/L	**34.0**
4.	**Total Phosphorus (as P)**	IS : 3025 (Part-31) - 1988	mg/L	**17.1**
5.	**Oil & Grease**	IS : 3025 (Part-39) - 1991	mg/L	**47.5**
6.	**Chemical Oxygen Demand (COD)**	IS : 3025 (Part-58) -2006 Open Reflux method	mg/L	**1593**

Microbial Requirements

7.	**Biochemical Oxygen Demand (BOD)**	IS : 3025 (Part-44) - 2023 3-Day BOD Test Method	mg/L	**880**
8.	**Total Coliform**	IS : 15185 : 2016	MPN/100mL	**1260**

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TEST REPORT

Report No: ECL/WAC/1007.1/24-25

Issued to	**15 MLD STP** NH Bypass, Kothariya, Rajkot		
Sample collected By	Self		
Sample Identity	**Waste Water**	Test Report as per	IS:3025, APHA:2017
Sample Description	**STP Outlet Water**	Batch No.	----
Sample Quantity	1 Liter Approx.	Date of Mfg.	----

Date of Receipt	Date of Start Analysis	Date of Completion	Date of Issue
06/03/2025	06/03/2025	13/03/2025	13/03/2025

Physico-Chemical Requirements

Sr No.	TESTS	REFFERANCE	UNIT OF MEASUREMENT	PERMISSIBLE LIMIT	RESULTS
1.	**pH**	IS : 3025 (Part-11) -2022	----	**5.5-9.0**	**7.29**
2.	**Total Suspended Solids (TSS)**	IS : 3025 (Part-16) - 2023	mg/L	**20 Max.**	**225**
3.	**Residual Free Chlorine**	IS : 3025 (Part-26) - 1986	mg/L	**0.5 Max.**	**0.70**
4.	**Ammonical Nitrogen (as NH_3-N)**	IS : 3025 (Part-34) - 1988		**5 Max.**	**12.6**
5.	**Total Nitrogen (as N)**	IS : 3025 (Part-34) - 1988	mg/L	**10 Max.**	**22.3**
6.	**Total Phosphorus (as P)**	IS : 3025 (Part-31) - 1988	mg/L	**1 Max.**	**1.89**
7.	**Oil & Grease**	IS : 3025 (Part-39) - 1991	mg/L	**----**	**9.7**
8.	**Chemical Oxygen Demand (COD)**	IS : 3025 (Part-58) -2006	mg/L	**50 Max.**	**243**
Microbial Requirements					
9.	**Biochemical Oxygen Demand (BOD)**	IS : 3025 (Part-44) - 2023	mg/L	**10 Max.**	**79**
10.	**Fecal Coliform Bacteria**	IS : 17819 : 2022	MPN/100mL	**230 Max.**	**180**
11.	**Total Coliform**	IS : 15185 : 2016	MPN/100mL	**----**	**340**

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TEST REPORT

Report No: ECL/WAC/1007/24-25

Issued to	**15 MLD STP** NH Bypass, Kothariya, Rajkot.		
Sample collected By	Self		
Sample Identity	**Waste Water**	Test Report as per	IS:3025, APHA:2017
Sample Description	**STP Inlet Water**	Batch No.	----
Sample Quantity	1 Liter Approx.	Date of Mfg.	----

Date of Receipt	Date of Start Analysis	Date of Completion	Date of Issue
06/03/2025	06/03/2025	13/03/2025	13/03/2025

Physico-Chemical Requirements

Sr No.	TESTS	REFFERANCE	UNIT OF MEASUREMENT	RESULTS
1.	**pH**	IS : 3025 (Part-11) -2022 Electrometric method	----	**7.27**
2.	**Total Suspended Solids (TSS)**	IS : 3025 (Part-16) - 2023 Gravimetric Method	mg/L	**360**
3.	**Total Kjeldahl Nitrogen (as N)**	IS : 3025 (Part-34) - 1988	mg/L	**7.0**
4.	**Total Phosphorus (as P)**	IS : 3025 (Part-31) - 1988	mg/L	**2.88**
5.	**Oil & Grease**	IS : 3025 (Part-39) - 1991	mg/L	**14.2**
6.	**Chemical Oxygen Demand (COD)**	IS : 3025 (Part-58) -2006 Open Reflux method	mg/L	**315**

Microbial Requirements

7.	**Biochemical Oxygen Demand (BOD)**	IS : 3025 (Part-44) - 2023 3-Day BOD Test Method	mg/L	**160**
8.	**Total Coliform**	IS : 15185 : 2016	MPN/100mL	**270**

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CERTIFICATE OF ANALYSIS

Report No: ECL/WAC/966.1/24-25

Issued to	**15 MLD STP** NH Bypass, Kothariya, Rajkot		
Sample collected By	Self		
Sample Identity	Waste Water	Test Report as per	IS:3025, APHA:2017
Quantity	1 liter Approx.	Batch No.	----
Sample Description	**STP Outlet Water**	Date of Mfg.	----

Date of Receipt	Date of Start Analysis	Date of Completion	Date of Issue
08/02/2025	08/02/2025	13/02/2025	13/02/2025

Physico-Chemical Requirements

Sr No.	TESTS	REFFERANCE	UNIT OF MEASUREMENT	PERMISSIBLE LIMIT	RESULTS
1.	**pH**	IS : 3025 (Part-11) -2022	----	**5.5-9.0**	**7.29**
2.	**Total Suspended Solids (TSS)**	IS : 3025 (Part-16) - 2023	mg/L	**20 Max.**	**74.5**
3.	**Residual Free Chlorine**	IS : 3025 (Part-26) - 1986	mg/L	**0.5 Max.**	**0.63**
4.	**Ammonical Nitrogen (as NH_3-N)**	IS : 3025 (Part-34) - 1988		**5 Max.**	**11.5**
5.	**Total Nitrogen (as N)**	IS : 3025 (Part-34) - 1988	mg/L	**10 Max.**	**18.0**
6.	**Total Phosphorus (as P)**	IS : 3025 (Part-31) - 1988	mg/L	**1 Max.**	**1.78**
7.	**Oil & Grease**	IS : 3025 (Part-39) - 1991	mg/L	**----**	**9.0**
8.	**Chemical Oxygen Demand (COD)**	IS : 3025 (Part-58) -2006	mg/L	**50 Max.**	**124**

Microbial Requirements

9.	**Biochemical Oxygen Demand (BOD)**	IS : 3025 (Part-44) - 2023	mg/L	**10 Max.**	**41.4**
10.	**Fecal Coliform Bacteria**	IS : 17819 : 2022	MPN/100mL	**230 Max.**	**196**
11.	**Total Coliform**	IS : 15185 : 2016	MPN/100mL	**----**	**378**

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EUROCHEM LABORATORIES LLP RAJKOT

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CERTIFICATE OF ANALYSIS

Report No: ECL/WAC/966/24-25

Issued to	**15 MLD STP** NH Bypass, Kothariya, Rajkot		
Sample collected By	Self		
Sample Identity	Waste Water	Test Report as per	IS:3025, APHA:2017
Quantity	1 liter Approx.	Batch No.	----
Sample Description	**STP Inlet Water**	Date of Mfg.	----

Date of Receipt	Date of Start Analysis	Date of Completion	Date of Issue
08/02/2025	08/02/2025	13/02/2025	13/02/2025

Physico-Chemical Requirements

Sr No.	TESTS	REFFERANCE	UNIT OF MEASUREMENT	RESULTS
1.	**pH**	IS : 3025 (Part-11) -2022 Electrometric method	----	**7.18**
2.	**Total Suspended Solids (TSS)**	IS : 3025 (Part-16) - 2023 Gravimetric Method	mg/L	**378**
3.	**Total Kjeldahl Nitrogen (as N)**	IS : 3025 (Part-34) - 1988	mg/L	**6.1**
4.	**Total Phosphorus (as P)**	IS : 3025 (Part-31) - 1988	mg/L	**2.88**
5.	**Oil & Grease**	IS : 3025 (Part-39) - 1991	mg/L	**13.3**
6.	**Chemical Oxygen Demand (COD)**	IS : 3025 (Part-58) -2006 Open Reflux method	mg/L	**279**

Microbial Requirements

7.	**Biochemical Oxygen Demand (BOD)**	IS : 3025 (Part-44) - 2023 3-Day BOD Test Method	mg/L	**142**
8.	**Total Coliform**	IS : 15185 : 2016	MPN/100mL	**297**

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Rajkot Municipal Corporation

Location:- KOTHARIYA 15 MLD STP (OLD) **Contractor : POOJA CONSTRUCTION CO.**

Lab Sample Analysis Record

Month:- JUNE - 2025

Date	Inlet Sample									Treated Sewage									M.L.S.S		MLVSS		SVI		Water Q.	
	PH	TSS	COD	BOD	DO	TKN	TP	O&G	Fecal Coli.	PH	TSS	COD	BOD	DO	TN	TP	Fecal Coli.	Chloride	SBR-1 mg/lit	SBR-2 mg/lit	SBR-1 mg/lit	SBR-2 mg/lit	SBR-1 mg/lit	SBR-2 mg/lit	Inlet m^3	Outlet m^3
1	6.8	357	397	213	0.12	58	2	53		7.5	11	30	6	2.4	6	1		0.4	3784	3965	2735	2947	37.71	32.78	5356	5700
	7	347	412							7.3	10	34														
	6.9	360	405							7.6	13	31														
2	6.9	369	409	203	0.1	54	3	58		7.4	14	36	5	2.6	7	1		0.5	3532	3916	2568	2889	33.97	33.19	6108	5862
	7.1	354	392							7.7	11	30														
	7	361	410							7.4	13	33														
3	6.6	341	406	211	0.12	59	2	60		7.3	10	34	9	2.5	5	1		0.4	4240	3853	3184	2847	35.37	36.33	5697	5737
	7.1	357	403							7.4	12	31														
	6.9	349	412							7.2	11	34														
4	7	37	409	204	0.11	54	3	57		7.7	11	40	5	2.5	7	1		0.5	3780	4264	2674	2986	37.03	42.21	7296	6432
	6.8	361	414							7.4	10	36														
	7.1	357	406							7.3	13	41														
5	6.7	357	398	207	0.13	60	3	61		7.6	10	42	8	2.6	6	1		0.6	3496	4152	2366	2986	42.9	40.94	7252	6722
	7	363	413							7.3	13	36														
	6.9	369	408							7.4	11	39														
6	6.9	362	412	216	0.11	57	3	59		7.3	12	33	5	2.4	5	1		0.4	4062	3547	2873	2439	39.38	42.28	8524	8591
	7.1	354	410							7.6	10	41														
	6.7	362	421							7.5	13	38														
7	7	354	405	207	0.13	55	2	57	1x10^6	7.4	11	35	7	2.6	7	1	179	0.6	4192	4380	2956	3272	40.55	41.09	7975	8591
	6.6	365	410							7.4	13	39														
.	6.8	349	414							7.7	12	42														
8	7.1	360	414	203	0.11	59	3	61		7.6	13	36	6	2.5	6	1		0.4	4043	4173	2940	3057	39.57	40.73	9316	8922
	6.7	356	392							7.4	11	38														
	7	347	403							7.4	10	35														
9	6.7	359	397	198	0.12	53	2	55		7.4	12	32	7	2.4	5	1		0.6	3820	3922	2648	2761	41.88	42.07	7273	7575
	6.9	349	410							7.6	10	34														
	7	366	402							7.3	13	38														
10	7.1	367	391	203	0.11	59	3	61		7.7	11	30	5	2.5	7	1		0.6	3732	4272	2651	3163	40.19	44.47	8109	7956
	6.9	356	417							7.4	13	34														
	7	361	403							7.6	10	31														
11	6.7	360	415	214	0.13	54	3	58		7.5	10	33	7	2.7	5	1		0.4	4096	3292	2938	2746	41.96	36.45	7707	7564
	6.9	349	407							7.6	12	29														
	6.9	363	404							7.7	11	31														
12	6.8	361	417	213	0.11	54	2	51		7.3	12	29	9	2.4	6	1		0.5	4157	3825	2921	2715	40.89	39.21	7971	7987
	6.6	357	421							7.6	10	32														
	7.1	349	415							7.2	13	35														
13	7	353	423	215	0.12	59	3	60		7.5	10	41	5	2.6	5	1		0.6	4038	3978	2856	2725	44.57	47.76	6333	6977
	6.9	361	417							7.6	12	39														
	7.1	368	410							7.4	11	43														
14	6.8	362	412	218	0.1	60	2	56	1x10^6	7.6	10	31	8	2.4	7	1	193	0.6	4066	4084	2924	2889	46.72	46.52	5934	5292
	7	357	410							7.4	11	33														
	6.9	350	406							7.7	13	36														
15	6.9	356	421	209	0.12	57	3	54		7.7	11	30	6	2.6	5	1		0.6	4113	3963	2951	2823	46.08	45.42	5965	5793
	7	361	418							7.5	10	33														

સીટી એન્જીનીયર,
પ્રોજેક્ટ,
રાજકોટ મહાનગરપાલિકા.

	6.7	351	413							7.6	10	29												

Date	Inlet Sample									Treated Sewage									M.L.S.S		MLVSS		SVI		Water Q.	
	PH	TSS	COD	BOD	DO	TKN	TP	O&G	Fecal Coli.	PH	TSS	COD	BOD	DO	TN	TP	Fecal Coli.	Chloride	SBR-1	SBR-2	SBR-1	SBR-2	SBR-1	SBR-2	Inlet	Outlet
16	6.7	349	422	213	0.11	61	2	59		7.5	10	34	5	2.5	5	1		0.5	4025	3455	2923	2486	44.72	43.41	6038	6602
	6.9	354	419							7.6	12	36														
	7	360	413							7.5	11	28														
17	6.7	358	420	219	0.12	56	3	61		7.4	11	40	7	2.6	6	1		0.6	3985	4260	2823	3068	45.16	44.6	7861	7691
	6.9	364	415							7.6	10	42														
	7.1	353	419							7.3	12	38														
18	6.9	355	413	206	0.1	61	2	57		7.5	12	33	5	2.5	5	1		0.5	3861	4073	2763	3022	38.85	44.19	7198	6666
	6.7	351	423							7.3	13	41														
	6.9	362	417							7.7	10	34														
19	7	361	397		0.13	53	3	55		7.8	10	32		2.6	7	1		0.6	3995	4185	2864	3056	45.05	45.4	5905	5897
	6.7	366	408							7.5	11	36														
	6.9	359	413							7.3	10	39														
20	6.9	346	420		0.11	59	2	60		7.8	10	30		2.4	5	1		0.6	3758	4174	2645	2935	42.57	45.51	5145	4779
	7	357	428							7.6	12	34														
	7	363	411							7.5	11	29														
21	7.1	359	406		0.12	55	3	58	1x10^6	7.8	11	41		2.6	6	1	188	0.5	3910	3552	2823	2674	43.47	37.31	7083	7087
	6.9	364	396							7.6	10	39														
	6.9	368	409							7.7	12	36														
22	7	362	419		0.13	61	2	53		7.5	10	35		2.4	5	1		0.6	4023	3763	2927	2654	44.74	42.51	5470	5510
	6.8	355	411							7.4	12	31														
	7	364	417							7.7	11	39														
23	7	354			0.11	56	2	59		7.8	10			2.5	5	1		0.5								
24																1										
25																1										
26																1										
27																1										
28									1x10^6							1	190									
29																1										
30																1										
Min.	**6.6**	**37**	**391**	**198**	**0.1**	**53**	**2**	**51**	**-**	**7.2**	**10**	**28**	**5**	**2.4**	**5**	**1**	**179**	**0.4**	**3496**	**3292**	**2366**	**2439**	**33.97**	**32.78**	**5145**	**4779**
Max.	**7.1**	**369**	**428**	**219**	**0.13**	**61**	**3**	**61**	**-**	**7.8**	**14**	**43**	**9**	**2.7**	**7**	**1**	**193**	**0.6**	**4240**	**4380**	**3184**	**3272**	**46.72**	**47.76**	**9316**	**8922**
Avg.	**)044776**	**62.95522**	**10.606060**	**9.55555**	**160869**	**.130434**	**521739**	**.521739**	**-**	**5089552**	**1.2537313**	**3.0606066**	**8888888**	**130434**	**7826086**	**1**	**187.5**	**260869**	**941.2727**	**256.7272**	**316.04545**	**2870**	**41.515**	**1.5627272**	**87.0909**	**815.13636**

Signature

POOJA CONSTRUCTION CO.

Checked By

Rajkot Municipal Corporation

MUNICIPAL CORPORATION DRAINAGE PROJECT

સીટી એન્જીનીયર,
ડ્રેનેજ,
રાજકોટ મહાનગરપાલિકા.

Rajkot Municipal Corporation

Location:- KOTHARIYA 15 MLD STP (OLD) **Contractor : POOJA CONSTRUCTION CO.**

Lab Sample Analysis Record

Month:- MAY - 2025

Date	Inlet Sample									Treated Sewage									M.L.S.S		MLVSS		SVI		Water Q.	
	PH	TSS	COD	BOD	DO	TKN	TP	O&G	Fecal Coli.	PH	TSS	COD	BOD	DO	TN	TP	Fecal Coli.	Chloride	SBR-1 mg/lit	SBR-2 mg/lit	SBR-1 mg/lit	SBR-2 mg/lit	SBR-1 mg/lit	SBR-2 mg/lit	Inlet m^3	Outlet m^3
1	6.7	427	386	212	0.11	56	2	54		7.2	14	33	9	2.4	6	1		0.5	3905	5250	2887	4166	61.45	53.33	6101	5865
	6.9	392	373							7	16	39														
	7	379	380							7.6	13	41														
2	7	376	408	191	0.13	53	3	50		7.2	15	36	6	2.6	5	1		0.4	5270	3995	4178	2963	66.41	62.57	5147	4719
	6.9	398	394							7.1	11	44														
	7	411	379							7.4	13	41														
3	6.9	338	386	178	0.11	60	2	51		7.6	16	34	6	2.5	7	1		0.5	5675	2855	4529	1943	61.67	84.06	6485	7196
	7	367	391							7.2	12	40														
	7.1	335	409							7.4	15	32														
4	7.2	342	403	189	0.12	55	3	48		7.5	14	44	9	2.6	6	1		0.4	5368	3529	4238	2618	63.33	65.17	2726	2677
	6.8	336	389							7.6	16	39														
	7	359	396							7.5	13	42														
5	6.9	364	387	194	0.11	59	2	53		7.4	16	40	7	2.4	7	1		0.5	4735	3900	3689	2864	52.79	58.97	4531	4515
	7.2	353	409							7.6	12	36														
	7	339	406							7.3	15	43														
6	6.6	338	397	191	0.13	53	3	51		7.6	12	40	10	2.7	6	1		0.4	4580	2825	3418	1908	50.21	63.71	4104	3717
	6.8	331	406							7.3	14	43														
	7	357	392							7.4	16	38														
7	7	357	364	179	0.11	56	2	54	1x10^6	7.4	11	43	6	2.5	6	1	179	0.5	2815	3105	1906	2089	71.04	66.02	3909	3843
	6.6	346	367							7.1	13	36														
.	6.8	335	349							7.6	15	39														
8	6.6	355	362	198	0.12	59	3	50		7.1	13	40	9	2.4	6	1		0.4	2965	2970	1946	1948	65.76	69.02	1853	1678
	6.9	339	368							7.4	11	43														
	7	351	374							7.7	14	37														
9	6.8	360	382	189	0.13	55	2	51		7.2	11	36	6	2.7	7	1		0.6	2580	2545	1627	1647	58.13	58.93	2894	2484
	6.9	353	366							7.4	13	42														
	6.7	339	360							7.1	15	40														
10	7	348	367	194	0.11	58	3	55		7.7	10	40	9	2.6	5	1		0.5	2500	3415	1609	2472	60	52.7	3586	3689
	6.7	351	371							7.3	13	35														
	6.9	342	391							7.5	12	43														
11	7	356	381	188	0.13	53	2	52		7.3	11	38	7	2.4	6	1		0.4	2562	3625	1615	2574	66.35	49.65	3061	3084
	6.6	337	369							7	13	34														
	6.9	344	373							7.5	10	37														
12	7	365	394	192	0.1	61	3	51		7.3	13	40	9	2.5	7	1		0.6	2595	3190	2632	1976	57.8	53.29	3392	3216
	6.9	351	389							7.5	11	35														
	7.1	370	386							7.2	14	38														
13	7.2	374	388	198	0.13	56	2	56		7.7	15	34	10	2.7	6	1		0.6	2460	2665	1521	1634	48.78	71.29	6087	5381
	7.1	362	371							7.3	11	39														
	6.9	347	366							7	13	36														
14	7.2	346	392	219	0.11	52	2	59	1x10^6	7.7	11	40	9	2.4	5	1	184	0.5	2562	3692	1640	2581	66.35	55.52	6196	6348
	7	359	387							7.4	13	35														
	7.1	349	389							7.3	14	39														
15	7	361	395	204	0.12	60	3	49		7.4	13	42	7	2.6	7	1		0.4	2482	3546	1538	2588	68.49	78.55	6068	6021
	7.1	339	388							7.3	11	37														

સીટી એન્જીનીયર,
રેન્જ,
રાજકોટ મહાનગરપાલિકા.

	6.9	357	392							7.1	15	39												

Date	Inlet Sample									Treated Sewage									M.L.S.S		MLVSS		SVI		Water Q.	
	PH	TSS	COD	BOD	DO	TKN	TP	O&G	Fecal Coli.	PH	TSS	COD	BOD	DO	TN	TP	Fecal Coli.	Chloride	SBR-1	SBR-2	SBR-1	SBR-2	SBR-1	SBR-2	Inlet	Outlet
16	6.8	366	406	209	0.11	55	2	54		7.5	10	38	10	2.5	6	1		0.4	2562	3644	1630	2632	70.25	56.25	4603	4260
	7	359	393							7.4	13	44														
	7.1	363	388							7.2	11	34														
17	7	373	409	210	0.12	58	3	60		7.3	12	33	7	2.7	7	1		0.6	3620	4570	2589	3548	52.48	48.12	6067	6327
	7.2	359	393							7.6	14	36														
	6.9	343	387							7.5	10	42														
18	7.2	364	406	206	0.11	56	2	57		7.4	14	38	9	2.6	6	1		0.5	4254	3965	3306	2893	49.36	50.44	6688	6619
	7	354	410							7.6	11	44														
	7.1	362	397							7.7	15	42														
19	7	354	403	211	0.13	60	3	51		7.6	12	39	8	2.4	5	1		0.4	4390	4595	3278	3562	45.28	46.7	4939	4944
	6.9	362	390							7.3	11	42														
	7.1	368	409							7.5	14	34														
20	7	348	395	205	0.11	57	2	54		7.6	11	44	10	2.6	6	1		0.6	4895	4925	3865	3946	51.07	54.82	4453	4547
	7.1	344	410							7.2	14	39														
	6.9	359	406							7.7	12	46														
21	7.1	356	410	213	0.1	59	2	58	1x10^6	7.5	13	43	7	2.5	7	1	190	0.6	4405	4750	3428	3685	45.4	52.63	6003	5132
	6.9	346	391							7.6	11	37														
	7	362	396							7.3	14	46														
22	6.9	363	399	198	0.12	56	3	52		7.4	11	40	6	2.6	6	1		0.4	4261	4538	3193	3512	46.93	52.88	4936	5966
	7.2	359	409							7.6	14	44														
	7.1	349	412							7.3	15	41														
23	7.1	346	413	206	0.12	57	2	59		7.4	13	37	8	2.5	7	1		0.6	4870	4930	3792	3874	39.01	40.56	5801	5273
	7	361	397							7.2	11	41														
	7	359	408							7.6	14	46														
24	6.8	346	389	196	0.1	59	3	56		7.7	14	35	6	2.6	5	1		0.5	3240	3820	2261	2857	43.2	47.12	5927	5723
	7.1	359	394							7.4	12	44														
	6.9	355	387							7.3	13	42														
25	7	358	403	198	0.11	61	2	54		7.3	11	45	5	2.5.	6	1		0.6	3439	3924	2453	2870	43.74	48.41	6072	5777
	6.8	348	396							7.6	13	42														
	7.1	338	404							7.4	12	38														
26	6.9	353	410	208	0.13	58	2	59		7.4	12	34	9	2.6	6	1		0.5	3665	3973	2653	2948	46.38	45.3	6079	6085
	7	363	389							7.6	14	39														
	6.7	359	406							7.2	11	32														
27	6.7	346	416	209	0.11	55	3	61		7.2	14	38	5	2.4	5	1		0.6	4265	4375	3279	2355	39.85	41.14	5368	5221
	7	358	398							7.6	12	41														
	7.1	338	411							7.5	13	35														
28	7.1	361	417	197	0.12	56	3	54	1x10^6	7.4	11	36	5	2.6	7	1	184	0.4	3640	2562	2661	1540	49.45	54.64	5985	5874
	6.7	354	402							7.2	13	34														
	6.9	341	393							7.6	14	40														
29	6.8	360	409	208	0.11	59	2	58		7.7	13	33	5	2.6	6	1		0.5	4790	3555	3684	2562	37.57	39.38	7664	7887
	6.7	351	386							7.3	11	40														
	7	349	415							7.1	10	32														
30	6.9	363	402	224	0.13	63	2	56		7	11	31	9	2.5	5	1		0.5	4112	4314	3089	3258	38.91	39.4	7300	6975
	7.1	357	394							7.3	10	34														
	7	344	411							7.2	12	38														
31	6.8	364	398	218	0.12	56	2	54		7.3	10	32	8	2.6	6	1		0.6	4384	3940	3348	2891	34.21	32.99	9017	8891
	7.1	357	403							7.6	12	34														
	6.7	348	412							7.4	11	30														
Min.	**6.6**	**331**	**349**	**178**	**0.1**	**52**	**2**	**48**	**-**	**7**	**10**	**30**	**5**	**2.4**	**5**	**1**	**179**	**0.4**	**2460**	**2545**	**1521**	**1540**	**34.21**	**32.99**	**1853**	**1678**
Max.	**7.2**	**427**	**417**	**224**	**0.13**	**63**	**3**	**61**	**-**	**7.7**	**16**	**46**	**10**	**2.7**	**7**	**1**	**190**	**0.6**	**5675**	**5250**	**4529**	**4166**	**71.04**	**84.06**	**9017**	**8891**
Avg.	**6.950537**	**365.7419**	**393.0537**	**201.0322**	**0.116774**	**57.12903**	**2.193548**	**55.22581**	**-**	**7.139462**	**12.69892**	**37.61290**	**7.129032**	**2.433333**	**6.064516**	**1**	**184.25**	**0.5**	**3801.483**	**3789.902**	**2822**	**2738.838**	**41.27903**	**44.63096**	**6759.419**	**6159.161**

Signature

Checked By

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Rajkot Municipal Corporation

Location:- KOTHARIYA 15 MLD STP (OLD)

Contractor : POOJA CONSTRUCTION CO.

Lab Sample Analysis Record

Month:- APRIL - 2025

Date	Inlet Sample									Treated Sewage									M.L.S.S		MLVSS		SVI		Water Q.	
	PH	TSS	COD	BOD	DO	TKN	TP	O&G	Fecal Coli.	PH	TSS	COD	BOD	DO	TN	TP	Fecal Coli.	Chloride	SBR-1 mg/lit	SBR-2 mg/lit	SBR-1 mg/lit	SBR-2 mg/lit	SBR-1 mg/lit	SBR-2 mg/lit	Inlet m^3	Outlet m^3
1	6.6	414	392	217	0.12	61	3	52		7.4	12	40	8	2.4	6	1		0.5	5060	5673	3961	5136	63.24	68.28	9233	8694
	6.8	423	410							7.2	14	38														
	6.9	428	418							7.1	16	41														
2	6.8	426	412	209	0.11	53	2	54		7.2	15	43	6	2.5	7	1		0.4	5875	4871	4786	3851	52.76	67.74	7560	7512
	6.9	431	398							7.1	13	39														
	6.7	427	411							7	16	42														
3	7	423	429	213	0.13	59	2	57		7.4	13	36	8	2.6	5	1		0.5	5630	4765	4658	3788	63.94	69.25	7609	7370
	6.8	417	413							7.2	15	42														
	6.9	429	421							7.1	12	38														
4	6.8	432	382	209	0.11	65	3	53		7.3	15	34	6	2.5	5	1		0.5	4558	5840	3650	4556	68.01	80.47	8080	7984
	6.9	426	412							7.5	12	39														
	6.7	431	421							7.2	15	35														
5	6.7	395	427	206	0.11	50	3	49		7.5	12	39	7	2.7	6	1		0.5	4875	6060	3847	4763	61.53	59.4	8573	8494
	6.6	417	412							7.2	14	34														
	6.9	398	398							7.1	16	37														
6	6.9	419	407	210	0.12	54	2	54		7.2	15	42	9	2.4	7	1		0.4	5374	5663	4638	4768	59.54	63.57	8827	8825
	6.7	422	412							7.4	13	39														
	6.6	410	396							7.1	11	41														
7	6.9	422	429	205	0.13	55	3	53	1x10^6	7.5	16	37	6	2.8	6	1	192	0.4	5470	6010	4062	4924	67.64	63.22	7783	7897
	6.7	417	418							7.2	13	41														
	6.8	421	415							7.1	17	39														
8	6.7	429	432	218	0.11	67	2	58		7.3	14	36	9	2.4	5	1		0.4	5875	5000	4779	3946	64.68	68	8266	7921
	6.6	389	443							7.5	17	44														
	6.8	323	425							7.4	12	35														
9	6.9	392	398	214	0.11	63	3	52		7.4	16	42	10	2.8	5	1		0.4	5675	4330	4713	3284	65.19	80.83	5679	5737
	6.7	414	432							7.2	13	37														
	6.6	422	436							7.3	17	46														
10	6.6	369	413	210	0.12	52	2	54		7.6	13	36	7	3.6	7	1		0.5	6012	3991	4976	3128	63.2	85.19	7201	6936
	6.8	410	421							7.3	15	39														
	6.7	394	428							7.5	16	37														
11	6.9	412	419	213	0.11	62	3	51		7.3	17	41	10	2.7	5	1		0.4	4862	5768	3649	4653	65.81	65.88	8435	8455
	6.6	398	422							7.1	14	38														
	6.8	410	413							7.5	17	36														
12	6.8	409	371	224	0.12	53	3	56		7.6	13	38	8	2.6	7	1		0.5	5495	3875	4213	2862	65.51	87.74	5702	5657
	6.6	397	382							7.2	16	36														
	6.9	412	419							7.4	14	44														
13	6.6	417	426	219	0.12	56	2	52		7.3	15	43	6	2.5	5	1		0.5	5374	5495	4613	3649	64.19	65.8	8038	8038
	6.9	422	409							7.1	13	40														
	6.6	410	396							7.6	16	42														
14	6.8	440	440	223	0.11	53	3	50	1x10^6	7.1	15	40	9	2.7	6	1	185	0.4	5840	5600	4821	4229	54.09	62.5	8214	8198
	6.6	419	421							7.3	14	46														
	6.9	412	423							7	16	43														
15	6.7	408	390	219	0.11	57	2	53		7.5	16	39	7	2.6	7	1		0.4	5660	4860	4320	3362	65.37	74.07	8036	8046
	6.9	394	398							7.3	13	41														
	6.6	414	418							7.1	15	47														

સીટી એન્જીનીયર,
પ્રોજેક્ટ,
રાજકોટ મહાનગરપાલિકા.

Date	Inlet Sample									Treated Sewage								M.L.S.S		MLVSS		SVI		Water Q.	
	PH	TSS	COD	BOD	DO	TKN	TP	O&G	Fecal Coli.	PH	TSS	COD	BOD	DO	TN	TP	Fecal Coli.	Chloride	SBR-1	SBR-2	SBR-1	SBR-2	SBR-1	SBR-2	Inlet	Outlet
16	6.6	388	398	211	0.12	62	2	50		7.2	13	46	9	2.5	5	1		0.5	4685	4025	3542	3055	76.84	84.47	7056	6840
	6.9	406	382							7.6	16	41														
	6.8	410	403							7.4	15	44														
17	6.9	412	389	203	0.1	53	3	54		7.6	16	35	6	2.7	6	1		0.4	6542	4673	4352	3284	56.55	68.93	7326	7252
	6.6	398	410							7.4	14	41														
	6.8	408	395							7.2	13	38														
18	6.9	382	406	219	0.12	60	2	52		7.3	13	39	9	2.5	7	1		0.4	4270	5360	3148	4062	56.2	69.02	7262	7025
	6.6	412	391							7.1	16	36														
	6.8	388	410							7.5	12	41														
19	6.6	394	397	218	0.1	56	3	53		7.2	14	34	7	2.5	5	1		0.4	4380	2765	3263	1968	79.9	75.94	7926	7544
	6.9	389	408							7.1	12	36														
	6.7	411	392							7.4	15	37														
20	6.8	410	413	219	0.12	59	2	51		7.1	13	39	10	2.7	6	1		0.4	5341	4435	4132	3384	65.53	69.89	7864	7885
	6.6	390	421							7.3	15	34														
	6.7	413	417							7.2	12	36														
21	6.7	394	375	226	0.12	50	2	58	1x10^6	7.4	14	37	8	2.8	7	1	188	0.4	4270	3978	3148	2874	74.94	70.38	7798	7614
	6.9	409	403							7.6	16	34														
	6.9	412	392							7.2	13	40														
22	6.8	375	438	221	0.11	61	3	54		7.6	16	42	6	2.5	5	1		0.4	2915	3890	1845	2731	82.33	87.4	7757	7654
	6.6	384	425							7.5	14	39														
	6.7	395	441							7.3	17	40														
23	6.7	378	418	229	0.12	55	2	56		7.2	11	38	10	2.4	6	1		0.4	4670	3255	3564	2148	52.53	70.66	7884	7882
	6.9	368	429							7	13	32														
	6.6	376	436							7.4	15	39														
24	6.9	428	423	216	0.11	61	3	52		7.5	13	37	8	2.7	5	1		0.4	4355	2775	3429	1968	68.88	97.29	7715	7711
	6.7	415	418							7.3	16	39														
	6.8	410	413							7.1	12	41														
25	6.7	400	431	223	0.13	57	2	59		7.3	13	40	10	2.6	7	1		0.4	5310	3865	4284	2751	69.67	62.09	8287	8138
	6.6	417	428							7.1	14	39														
	6.9	410	417							7.4	16	34														
26	6.6	419	421	217	0.11	59	2	49		7.1	13	36	8	2.4	6	1		0.4	4900	4996	3842	4086	71.42	74.05	7996	7910
	6.8	422	427							7	15	39														
	6.6	428	418							7.3	12	42														
27	6.9	423	429	246	0.12	60	3	51		7.1	14	44	6	2.5	5	1		0.5	4850	5436	3784	4326	57.73	66.22	8443	8422
	6.7	419	423							7	13	40														
	6.8	426	418							7.3	15	46														
28	6.7	431	458	249	0.13	58	2	50	1x10^6	7	12	43	9	2.7	7	1	190	0.4	3385	5140	2428	4126	92.24	71.98	7934	7898
	6.6	425	461							7.5	14	41														
	6.8	423	456							7.2	11	44														
29	6.9	429	443	241	0.11	56	3	53		7.2	13	39	7	2.5	7	1		0.5	3175	4895	2048	3939	62.92	63.32	7658	7442
	6.6	438	437							7.1	15	43														
	6.8	425	432							7.4	11	40														
30	6.7	432	456	237	0.12	61	2	51		7.5	12	42	6	2.7	7	1		0.5	3279	3872	2365	2829	67.09	69.73	7739	7639
	6.9	419	449							7.2	14	37														
	6.6	423	469							7.4	13	44														
Min.	**6.6**	**323**	**371**	**203**	**0.1**	**50**	**2**	**49**	**-**	**7**	**11**	**32**	**6**	**2.4**	**5**	**1**	**185**	**0.4**	**2915**	**2765**	**1845**	**1968**	**52.53**	**59.4**	**5679**	**5657**
Max.	**7**	**440**	**469**	**249**	**0.13**	**67**	**3**	**59**	**-**	**7.6**	**17**	**47**	**10**	**3.6**	**7**	**1**	**192**	**0.5**	**6542**	**6060**	**4976**	**5136**	**92.24**	**97.29**	**9233**	**8825**
Avg.	**6.7533**	**410.0889**	**416.9333**	**219.47**	**0.116**	**57.6**	**2.4667**	**53.033**	**-**	**7.28556**	**14.12222**	**39.4444**	**7.8333**	**2.617**	**6**	**1**	**188.75**	**0.4367**	**4932.067**	**4705.37**	**3828.667**	**3614.33**	**65.9823**	**72.11033**	**7796**	**7687.333**

Signature

POOJA CONSTRUCTION CO.

Pooja Construction Co.

Authorised Signatory

Checked By

Rajkot Municipal Corporation

સીટી એન્જીનીયર,
ડ્રેનેજ,
રાજકોટ મહાનગરપાલિકા.

Rajkot Municipal Corporation

Location:- KOTHARIYA 15 MLD STP (OLD)

Contractor : POOJA CONSTRUCTION CO.

Lab Sample Analysis Record

Month:- MARCH - 2025

Date	Inlet Sample									Treated Sewage									M.L.S.S		MLVSS		SVI		Water Q.	
	PH	TSS	COD	BOD	DO	TKN	TP	O&G	Fecal Coli.	PH	TSS	COD	BOD	DO	TN	TP	Fecal Coli.	Chloride	SBR-1 mg/lit	SBR-2 mg/lit	SBR-1 mg/lit	SBR-2 mg/lit	SBR-1 mg/lit	SBR-2 mg/lit	Inlet m^3	Outlet m^3
1	6.8	386	567	298	0.12	70	2	52		6.8	20	34	10	2.2	5	1		0.5	4560	5470	3260	4170	43.85	62.15	7653	7679
	6.9	392	556							7	22	36														
	6.9	411	542							6.7	21	30														
2	6.8	415	524	275	0.12	68	2	54		6.9	18	25	8	2.4	6	1		0.4	4850	5680	3650	4550	48.5	64.5	8475	8439
	7	423	495							7.1	17	29														
	6.8	432	489							6.9	16	28														
3	6.7	400	446	234	0.11	58	3	58		6.8	14	40	6	2.6	5	1		0.5	5620	5840	4360	4750	62.27	68.49	8811	8712
	6.8	410	476							6.7	15	42														
	6.9	396	482							7	17	40														
4	7	365	467	223	0.12	70	2	60		6.9	19	39	7	2.8	5	1		0.4	5360	5510	4050	5070	55.97	68.96	7295	7269
	6.8	372	432							6.8	20	37														
	7.1	359	445							6.9	18	42														
5	6.8	380	472	248	0.15	62	3	58		6.9	16	29	9	2.9	6	1		0.5	4970	5850	3620	4270	56.33	68.37	7669	7176
	6.7	392	480							6.8	14	32														
	6.9	373	463							7	12	30														
6	6.8	412	540	269	0.1	67	2	57		6.9	17	28	10	2.5	6	1		0.4	5850	5410	4550	4210	68.5	66.54	8661	8867
	6.7	395	522							6.9	15	36														
	6.8	388	512							7	13	35														
7	6.8	342	538	272	0.11	68	3	58	1x10^6	6.8	14	18	7	3.1	7	1	178	0.5	5490	5950	4250	4560	63.75	67.22	8241	8181
	6.7	356	518							6.9	17	20														
.	6.8	323	523							6.7	12	25														
8	6.8	467	544	268	0.12	67	2	57		6.7	16	28	6	3.5	6	1		0.4	4460	4650	3250	3340	42.6	49.46	7959	7860
	6.8	412	510							6.9	18	32														
	6.9	422	514							7	19	34														
9	6.8	439	478	238	0.15	59	2	54		6.9	17	40	7	3.9	5	1		0.5	4370	4540	3050	3170	41.09	50.66	8344	8381
	6.7	428	469							6.8	16	38														
	6.9	418	454							6.7	19	37														
10	6.9	462	482	251	0.12	63	2	58		7	20	28	10	3.2	6	1		0.4	4270	4650	3150	3440	44.49	60.21	7765	7711
	7	455	490							6.8	16	32														
	6.8	450	478							6.9	14	34														
11	7	405	422	222	0.15	56	2	54		7.1	15	39	8	2.8	7	1		0.5	5010	5360	3840	4060	55.88	61.53	8552	8530
	6.9	432	432							6.8	17	42														
	6.9	452	446							6.8	19	43														
12	6.8	412	395	207	0.12	52	2	54		6.9	14	34	6	2.9	6	1		0.5	5350	5530	4010	4250	46.72	50.63	8201	8200
	6.7	426	382							6.8	17	36														
	6.9	432	360							6.7	19	38														
13	6.9	434	460	236	0.14	62	3	56		7	17	29	9	2.5	5	1		0.4	5850	5950	4740	4820	68.37	67.22	7577	7252
	6.8	426	450							6.7	15	32														
	6.9	415	445							7.1	12	34														
14	6.8	425	476	233	0.15	66	2	54	1x10^6	7	17	35	10	2.6	6	1	190	0.5	5650	5840	4350	4670	61.94	68.49	8466	8386
	7	443	467							6.7	13	30														
	6.8	430	454							6.9	14	28														
15	6.8	410	396	207	0.11	54	2	52		6.7	15	42	6	2.5	6	1		0.5	5410	5740	4140	4240	55.45	69.68	7927	8110
	6.9	405	410							7	17	44														
	6.8	422	426							7.2	19	45														

3229

Date	Inlet Sample									Treated Sewage								M.L.S.S		MLVSS		SVI		Water Q.	
	PH	TSS	COD	BOD	DO	TKN	TP	O&G	Fecal Coli.	PH	TSS	COD	BOD	DO	TN	TP	Fecal Coli.	Chloride	SBR-1	SBR-2	SBR-1	SBR-2	SBR-1	SBR-2	Inlet	Outlet
16	6.9	429	486	210	0.12	57	2	54		7	14	47	10	2.8	6	1		0.5	5760	5870	4350	4640	52.08	68.14	8769	8700
	7	432	492							6.9	16	48														
	6.8	438	470							6.9	12	45														
17	6.88	433	468	231	0.15	59	3	52		6.9	13	33	9	2.5	7	1		0.4	5842	5769	4266	4281	64.12	67.35	8180	8053
	6.9	427	466							7	15	38														
	6.8	430	464							6.9	16	41														
18	6.7	417	395	207	0.13	64	2	55		7.1	14	37	6	2.6	5	1		0.4	5482	5571	4189	4253	57.32	52.59	8307	8323
	6.9	422	401							7.3	13	41														
	7	441	410							6.8	17	39														
19	6.7	433	408	211	0.12	54	3	54		7.2	17	41	8	2.8	6	1		0.5	5376	5546	4018	4248	48.74	51.56	8336	8301
	6.9	429	428							7	19	44														
	6.8	423	446							7.3	16	48														
20	6.8	411	418	205	0.14	61	2	56		7.2	12	34	10	2.7	5	1		0.5	5173	5361	4067	4346	47.51	53.49	8475	8463
	6.7	421	398							7.1	15	38														
	6.9	429	410							7	18	43														
21	6.9	429	425	215	0.13	55	3	52	1x10^6	7.3	16	46	9	2.9	6	1	179	0.4	4982	5136	3949	4061	48.68	50.71	9080	8999
	6.7	438	419							7.1	14	44														
	6.7	433	424							7	18	42														
22	6.9	421	408	231	0.12	57	2	55		7.4	17	47	6	2.6	5	1		0.4	5094	5208	4081	4136	53.45	51.68	9210	9192
	6.8	425	422							7.1	18	41														
	6.7	428	429							7.2	15	39														
23	6.6	435	435	216	0.12	54	2	53		7.3	14	48	8	2.7	6	1		0.4	5448	5628	4112	4261	47.72	50.58	9245	9314
	6.8	433	433							7.4	16	43														
	6.7	439	439							7.2	13	42														
24	6.7	435	391	233	0.14	62	2	54		7.2	15	47	8	2.9	5	1		0.4	5642	5738	4349	4668	60.94	68.53	7915	7862
	6.6	412	412							7.1	11	40														
	6.8	419	408							7	13	38														
25	6.9	441	412	218	0.11	57	3	52		7.1	18	42	7	2.6	5	1		0.4	5410	5740	4138	4241	55.46	65.6	7776	7679
	6.8	431	421							7.3	16	39														
	6.9	435	418							7.1	14	40														
26	6.8	428	432	208	0.13	52	2	56		7.3	14	40	9	2.8	6	1		0.4	5384	5435	4251	4158	49.68	51.63	8954	8782
	6.7	422	419							7	16	44														
	6.7	413	411							7.1	12	43														
27	6.7	438	382	226	0.11	58	2	53		7.4	16	36	10	2.7	6	1		0.5	5647	5830	4353	4665	61.91	68.45	8352	8279
	6.9	424	391							7.1	13	39														
	6.7	433	410							7	15	41														
28	6.6	435	396	205	0.14	61	3	53	1x10^6	7.4	15	39	7	2.9	5	1	178	0.5	5439	5678	4274	4258	58.45	66.54	9533	9052
	6.8	429	403							7.1	13	36														
	6.7	433	410							7.2	14	38														
29	6.8	426	445	218	0.12	60	2	59		7.1	13	34	9	2.7	5	1		0.4	4850	5680	3651	4553	48.5	64.5	9017	9295
	6.6	420	423							7.3	16	39														
	6.8	440	421							7	15	42														
30	6.9	415	436	207	0.13	62	2	54		7.3	12	37	7	2.6	6	1		0.5	5443	5686	4129	4248	56.45	65.68	9996	8973
	6.6	422	429							7	14	31														
	6.8	418	431							7.2	12	38														
31	6.7	422	426	211	0.11	59	3	56		7.2	15	43	8	2.4	5	1		0.5	5376	5481	4246	4157	60.47	62.4	8634	10001
	6.9	429	422							7	16	40														
	6.6	443	395							7.3	13	37														
Min.	6.6	323	360	205	0.1	52	2	52	-	6.7	11	18	6	2.2	5	1	178	0.4	4270	4540	3050	3170	41.09	49.46	7295	7176
Max.	7.1	467	567	298	0.15	70	3	60	-	7.4	22	48	10	3.9	7	1	190	0.5	5850	5950	4740	5070	68.5	69.68	9996	10001
Avg.	6.8116	419.3871	448.0323	230.1	0.1261	60.452	2.3226	54.968	-	7.00968	15.60215	37.4301	8.0645	2.761	5.67742	1	181.25	0.4516	5271.548	5526.68	4022.355	4282.06	54.4255	61.40452	8431.5	8387.774

Signature

POOJA CONSTRUCTION CO.

વીટી એન્જીનીયર,
ડ્રેનેજ,
રાજકોટ મહાનગરપાલિકા.

Checked By

Rajkot Municipal Corporation

Pooja Construction Co.

Akash.

Authorised Signatory

Rajkot Municipal Corporation

Location:- KOTHARIYA 15 MLD STP (OLD) **Contractor : POOJA CONSTRUCTION CO.**

Lab Sample Analysis Record

Month:- FEB - 2025

Date	Inlet Sample									Treated Sewage									M.L.S.S		MLVSS		SVI		Water Q.	
	PH	TSS	COD	BOD	DO	TKN	TP	O&G	Fecal Coli.	PH	TSS	COD	BOD	DO	TN	TP	Fecal Coli.	Chloride	SBR-1 mg/lit	SBR-2 mg/lit	SBR-1 mg/lit	SBR-2 mg/lit	SBR-1 mg/lit	SBR-2 mg/lit	Inlet m^3	Outlet m^3
1	7.1	415	418	239	0.11	40	2	56		7.2	13	33	8	3.3	6	1		0.5	4680	4350	3350	3140	55.55	50.57	8838	8926
	7	428	443							6.9	17	38														
	7.1	436	455							7	14	39														
2	7.2	412	426	224	0.12	42	2	54		7	16	30	10	2.5	7	1		0.4	4850	4550	3550	3240	57.5	53.5	9819	9888
	7.1	423	415							7	18	31														
	7	430	430							7	19	33														
3	6.7	392	567	275	0.1	46	3	56		6.8	13	28	9	2.7	6	1		0.5	5140	5420	3940	4020	48.63	49.81	8308	8032
	6.9	395	562							6.8	16	31														
	7	389	558							7	15	33														
4	6.8	424	525	268	0.12	48	2	54		6.9	11	30	7	2.5	7	1		0.5	5750	5520	4450	4250	52.17	48.91	8216	8474
	7	416	551							7.1	13	32														
	7.2	432	532							7	15	31														
5	6.8	438	520	273	0.11	52	3	56		6.9	12	24	10	2.8	6	1		0.4	5950	5980	4650	4620	67.22	66.88	9176	8827
	6.9	456	528							7.1	16	28														
	7.1	462	536							7	17	26														
6	6.7	405	537	278	0.12	54	2	56		7	18	20	7	2.7	7	1		0.5	5650	5780	4340	4540	61.94	69.22	8495	8536
	6.9	409	515							7.1	13	23														
	6.8	417	510							7	20	21														
7	6.8	396	487	267	0.11	56	3	52	1x10^6	6.8	10	32	8	2.5	6	1	170	0.4	5250	5820	4050	4580	47.61	68.72	8933	8878
	6.8	389	496							7	13	34														
.	7.1	405	512							6.9	14	37														
8	6.8	386	441	232	0.15	58	2	54		6.9	15	42	10	2.6	7	1		0.5	5660	5720	4420	4510	61.6	61.18	9062	8896
	7.1	390	422							7	17	45														
	7	398	418							6.9	16	47														
9	7	390	472	255	0.12	56	3	52		7.1	19	40	9	2.5	6	1		0.4	5750	5520	4550	4220	60.5	58.5	9797	9793
	7.2	405	482							7.1	16	36														
	6.9	412	485							6.8	14	33														
10	7	384	419	237	0.1	54	2	54		6.9	17	45	7	2.7	7	1		0.4	4850	5850	3250	4550	45.36	68.37	8668	8467
	6.8	395	428							6.9	15	47														
	7.1	405	443							7.2	18	48														
11	7.1	470	481	269	0.12	58	3	52		7.2	14	39	10	2.5	6	1		0.5	5120	5880	3850	4650	50.78	68.02	7556	7430
	7.2	462	474							7.1	17	41														
	7.3	448	485							7	18	43														
12	7.1	386	524	275	0.15	57	3	52		7.2	18	36	8	3.5	7	1		0.5	5750	5840	4620	4580	69.56	68.44	9245	9353
	7	392	516							6.9	19	38														
	6.8	379	509							6.9	16	40														
13	7	386	537	282	0.16	58	2	54		7.1	15	33	10	2.8	7	1		0.4	4950	5870	3650	4480	48.48	68.14	9000	8816
	7.1	396	520							7	17	37														
	7	389	510							7.2	20	35														
14	7.1	425	542	286	0.17	60	3	56	1x10^6	7.2	17	45	7	2.9	6	1	192	0.5	5150	5850	3350	4520	48.54	68.37	8372	8444
	7.3	462	532							7.4	16	47														
	7.4	480	525							7.5	18	46														
15	7.3	572	540	280	0.15	57	2	50		7.1	20	56	9	2.5	7	1		0.4	5350	5880	3750	5530	56.06	68.05	8723	8631
	7.4	560	552							7.3	24	58														
	7.4	575	562							7.5	22	60														

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Date	Inlet Sample									Treated Sewage									M.L.S.S		MLVSS		SVI		Water Q.	
	PH	TSS	COD	BOD	DO	TKN	TP	O&G	Fecal Coli.	PH	TSS	COD	BOD	DO	TN	TP	Fecal Coli.	Chloride	SBR-1	SBR-2	SBR-1	SBR-2	SBR-1	SBR-2	Inlet	Outlet
16	7.4	562	532	273	0.12	56	3	54		7.5	17	62	8	2.7	6	1		0.5	5470	5880	3860	5750	58.5	68.5	9573	9486
	7.5	532	552							7.3	15	60														
	7.4	518	525							7.2	16	57														
17	7.3	422	436	235	0.12	58	2	52		7.5	17	46	7	3	7	1		0.5	5740	5860	4450	5420	69.5	68.49	9042	8894
	7.2	430	446							7.3	19	48														
	7.1	441	452							7.4	20	50														
18	6.8	475	454	238	0.11	58	3	50		6.8	15	40	10	3.5	6	1		0.4	5820	5610	4540	4050	68.49	49.91	8661	8585
	6.9	440	415							7	17	45														
	7.1	405	392							7.2	19	43														
19	6.7	372	434	218	0.12	60	3	52		6.8	17	38	9	3.4	7	1		0.5	5650	4780	4080	3350	61.94	52.3	8293	8161
	6.9	369	415							6.7	18	39														
	7	379	424							6.9	20	41														
20	6.9	496	415	278	0.11	53	2	54		6.8	14	29	8	3.6	5	1		0.4	5880	5780	4720	4650	76.53	69.2	8588	8256
	7.1	482	432							6.9	17	31														
	6.9	463	405							7	19	30														
21	6.7	482	476	250	0.12	62	3	50	1x10^6	6.8	18	24	7	3.9	5	1	175	0.5	3880	5540	2860	4210	46.39	50.72	8920	8882
	6.8	470	487							6.9	15	26														
	7	463	492							6.8	16	28														
22	7	425	445	233	0.15	58	2	54		6.8	16	27	9	3.5	6	1		0.5	4520	5650	3220	4080	48.67	53.09	8400	8426
	7.5	437	452							7.3	14	29														
	7.4	422	462							7.2	17	30														
23	7	505	525	265	0.12	66	3	56		7.1	17	28	10	4.2	5	1		0.5	4850	5450	3540	4280	53.24	54.37	9243	9244
	7.3	490	505							7.2	19	31														
	7.3	515	512							7	12	32														
24	6.8	482	526	263	0.15	65	2	52		6.9	19	42	7	3.7	6	1		0.4	5440	5950	4170	4580	51.47	67.22	8128	8067
	7	472	518							7.1	18	43														
	6.9	450	524							6.7	16	45														
25	6.7	440	569	280	0.11	70	3	50		6.9	15	18	8	3.5	5	1		0.5	5950	5980	4650	4720	67.22	66.88	8344	8139
	6.8	415	572							7	17	15														
	7	402	554							6.7	19	14														
26	6.7	560	454	238	0.12	60	2	54		6.8	20	36	9	3.2	6	1		0.4	5880	5980	4720	4780	68.02	75.25	8563	8450
	6.8	515	469							7	21	38														
	6.9	520	488							6.8	22	39														
27	6.7	489	417	219	0.15	55	2	51		6.8	20	42	6	2.6	5	1		0.5	4450	5850	3280	4470	44.94	68.37	8091	7841
	6.8	470	425							6.8	22	44														
	6.7	482	412							6.9	20	43														
28	6.8	405	422	222	0.12	56	3	54	1x10^6	6.8	17	40	7	2.5	6	1	150	0.4	4890	5950	3550	4850	40.89	67.22	7168	7068
	6.7	409	415							6.9	19	38														
	6.9	404	425							6.8	16	37														
Min.	6.7	369	392	218	0.1	40	2	50	-	6.7	10	14	6	2.5	5	1	150	0.4	3880	4350	2860	3140	40.89	48.91	7168	7068
Max.	7.5	575	572	286	0.17	70	3	56	-	7.5	24	62	10	4.2	7	1	192	0.5	5950	5980	4720	5750	76.53	75.25	9819	9888
Avg.	7.0095	440.7857	483.5357	255.43	0.1261	56.179	2.5	53.25	-	7.01429	16.85714	37.131	8.3571	3.011	6.17857	1	171.75	0.4571	5295.357	5646.07	3978.929	4450.71	56.6893	62.43571	8686.5	8603.214

Signature

Vain

POOJA CONSTRUCTION CO.

Checked By

Rajkot Municipal Corporation

સીટી એન્જીનીયર,
ડ્રેનેજ,
રાજકોટ મહાનગરપાલિકા.

Pooja Construction Co.

Authorised Signatory

RAJKOT MUNICIPAL CORPORATION

RAJKOT MUNICIPAL CORPORATION

44.5 MLD SEWAGE TREATMENT PLANT Daily Analysis Result

Type of Sampling		Composite										Composite						Grab				
Date	MLD	Raw Sewage at Inlet Chember									Treated Sewage							Aereation				
	MLD	PH	SS	BOD MG/L	COD MG/L	T D S	PHOPHURS	FECAL COLIFORM	TOTAL NITROGEN	Alkinity	PH	SS	BOD MG/L	COD MG/L	T D S	RES CHLORIDE		MLSS/MLVSS	SVI	PHOPHURS	TOTAL NITROGEN	FECAL COLIFOAM
		6.5-8.0	<250mg/l	<150mg/l	550 Mg/L	mg/lit	6 mg/lit	>1*10*7	50 mg/lit	mg/lit	6to9	<30mg/l	<20mg/l	< 50 Mg/L	mg/lit	mg/lit		mg/lit	mg/lit	<=2 mg/lit	mg/lit	MPN
1-Jun-25	10.021	7.6	281	210	284	519	8	24	28	275	7.9	6	7	22	474	0.5		2050	58.53	0.8	1.80	24
2-Jun-25	8.072	7.5	316	240	288	504	10	25	30	280	7.8	7	8	24	453	0.7		2100	57.14	0.6	1.60	25
3-Jun-25	10.616	7.6	283	220	286	517	9	26	26	285	7.9	6	7	22	454	0.5		2050	58.53	0.8	1.20	26
4-Jun-25	12.608	7.5	287	210	278	513	8	28	28	280	7.8	7	8	24	473	0.7		2100	57.14	0.6	1.60	25
5-Jun-25	12.230	7.6	283	220	272	517	6	25	26	275	7.9	6	7	20	454	0.5		2000	60.00	0.5	1.40	24
6-Jun-25	13.215	7.6	276	240	274	504	8	24	25	280	8	6	7	22	434	0.7		2050	58.53	0.6	1.20	25
7-Jun-25	12.978	7.5	266	210	280	554	6	26	28	285	7.8	7	8	24	473	0.5		2000	60.00	0.8	1.60	24
8-Jun-25	12.591	7.6	249	210	278	551	8	25	26	280	7.9	8	7	22	472	0.5		1950	61.53	0.6	1.80	25
9-Jun-25	11.929	7.5	264	240	282	536	6	24	25	275	7.8	8	8	24	512	0.7		2000	60.00	0.8	1.60	24
10-Jun-25	12.465	7.6	258	210	276	542	8	25	28	280	7.9	7	7	22	513	0.5		1950	61.53	0.6	1.4	25
11-Jun-25	12.543	7.5	286	240	288	554	10	26	30	285	7.8	8	8	25	512	0.5		2100	57.14	0.8	1.5	26
12-Jun-25	12.555	7.6	287	220	272	493	8	25	26	280	8	8	8	24	452	0.7		2050	58.53	0.6	1.60	25
13-Jun-25	12.395	7.5	298	210	282	502	6	24	25	285	7.9	7	7	22	453	0.5		2100	57.14	0.8	1.80	24
14-Jun-25	14.502	7.6	272	240	278	568	8	25	26	280	8	7	8	24	433	0.7		2050	58.53	0.6	1.6	25
15-Jun-25	11.961	7.5	286	210	282	514	6	24	25	275	7.8	6	7	22	434	0.5		2100	57.14	0.8	1.4	24
16-Jun-25	12.397	7.6	257	180	272	543	8	26	26	280	7.9	7	8	25	533	0.7		2050	58.53	0.6	1.6	25
17-Jun-25	12.827	7.5	243	210	278	557	10	25	28	285	7.7	6	8	22	514	0.5		1950	61.53	0.8	1.8	24
18-Jun-25	12.910	7.6	267	220	274	533	8	24	25	275	7.9	8	7	24	452	0.7		2000	60	0.6	1.6	25
19-Jun-25	11.089	7.6	280	210	272	486	6	25	28	280	7.8	4	8	25	436	0.5		2100	57.14	0.8	1.8	24
20-Jun-25	13.262	7.5	293	180	268	507	8	24	26	285	7.7	7	8	22	453	0.7		2050	58.53	0.6	1.6	25
21-Jun-25	13.478	7.6	247	210	274	533	6	26	25	275	7.9	6	7	26	434	0.5		2100	57.14	0.4	1.4	24
22-Jun-25	10.760	7.5	243	180	268	557	8	25	26	280	7.8	7	8	24	453	0.5		2050	58353	0.6	1.6	25
23-Jun-25	11.818	7.6	272	180	276	568	10	24	25	285	7.9	8		22	452	0.5		2100	57.14	0.8	1.8	24
24-Jun-25	12.429	7.5	283	210	274	517	8	26	28	275	7.8	7		24	473	0.7		2000	60	0.6	1.6	25
25-Jun-25	12.309	7.6	273		272	527	6	25	25	280	7.9	6		20	474	0.5		2050	58.53	0.8	1.8	24
26-Jun-25	12.391	7.5	277		268	523	8	24	28	275	7.8	7		22	493	0.7		2000	60	0.6	1.6	25
27-Jun-25																						
28-Jun-25																						
29-Jun-25																						
30-Jun-25																						
TOTAL	316.351																					
min	8.072																					
MAX	14.502																					
Avg	12.167																					

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RAJKOT MUNICIPAL CORPORATION

RAJKOT MUNICIPAL CORPORATION

44.5 MLD SEWAGE TREATMENT PLANT Daily Analysis Result

Type of Sampling		Composite															Grab				
Date	MLD	Raw Sewage at Inlet Chember									Treated Sewage						Aereation				
	MLD	PH	SS	BOD MG/L	COD MG/L	T D S	PHOPHURS	FECAL COLIFORM	TOTAL NITROGEN	Alkinity	PH	SS	BOD MG/L	COD MG/L	T D S	RES CHLORIDE	MLSS/ML VSS	SVI	PHOPHURS	TOTAL NITROGEN	FECAL COLIFOAM
		6.5-8.0	<250mg/l	<150mg/l	550 Mg/L	mg/lit	6 mg/lit	>1*10*7	50 mg/lit	mg/lit	6to9	<30mg/l	<20mg/l	< 50 Mg/L	mg/lit	mg/lit	mg/lit	mg/lit	<=2 mg/lit	mg/lit	MPN
1-May-25	11.386	7.5	286	240	282	574	8	25	18	280	7.8	7	7	22	533	0.5	2000	60.00	0.8	1.60	25
2-May-25	9.930	7.6	294	220	278	586	6	28	24	285	7.9	6	8	24	534	0.7	2050	58.53	0.6	1.20	24
3-May-25	10.040	7.5	276	210	272	524	8	26	26	275	7.8	6	8	24	494	0.5	2000	60.00	0.4	1.40	25
4-May-25	7.959	7.6	286	220	284	534	4	28	22	280	7.9	7	7	22	493	0.7	2050	58.53	0.9	1.60	26
5-May-25	8.557	7.5	305	240	288	575	6	25	20	285	7.7	8	8	24	492	0.5	2000	60.00	0.8	1.20	24
6-May-25	10.354	7.4	266	220	272	534	4	24	24	280	7.7	7	7	22	493	0.7	1950	61.53	0.6	1.00	25
7-May-25	1.015	7.5	274	240	280	546	6	28	26	275	7.8	8	8	24	484	0.7	2000	60.00	0.4	1.20	25
8-May-25	NILL	SWEAGE	STOPPED	DUETO	CC	TANK	CLEANIG	WORK	UNDER	PROGRESS											
9-May-25	NILL																				
10-May-25	NILL																				
11-May-25	NILL																				
12-May-25	NILL																				
13-May-25	NILL																				
14-May-25	NILL																				
15-May-25	7.991	**7.5**	288	240	290	552	8	28	24	280	7.9	7	8	26	493	0.5	2100	57.14	0.6	1.4	24
16-May-25	6.123	7.6	254	220	288	546	6	24	26	285	7.9	6	7	22	494	0.5	2050	58.53	0.4	1.2	25
17-May-25	6.799	7.5	266	210	278	534	4	26	25	280	7.8	7	8	24	453	0.7	2100	57.14	0.6	1.4	26
18-May-25	7.733	7.6	255	240	282	545	8	28	22	275	7.9	8	8	25	452	0.5	2050	58.53	0.4	1.2	25
19-May-25	9.527	7.5	257	220	280	543	6	24	25	280	7.8	7	8	24	513	0.5	2100	57.14	0.6	1	24
20-May-25	8.131	7.6	274	240	286	546	8	28	24	285	7.9	7	7	22	493	0.7	2050	58.53	0.8	1.4	26
21-May-25	9.729	7.5	264	220	278	536	6	25	26	280	7.8	5	8	25	515	0.5	2000	60	0.6	1.6	25
22-May-25	8.110	7.6	262	240	284	538	8	22	18	285	7.9	6	8	24	514	0.5	2050	58.53	0.4	1.4	24
23-May-25	7.397	7.6	261	220	272	519	6	24	22	280	8	7	7	22	473	0.7	2000	60	0.6	1.2	25
24-May-25	2.630	7.5	282	240	280	538	9	25	20	285	7.8	6	8	24	474	0.5	2050	58.53	0.4	1.4	24
25-May-25	5.698	7.6	254	220	278	546	6	26	18	280	7.9	7	7	22	473	0.5	2000	60	0.6	1.6	25
26-May-25	9.135	7.5	282	240	284	518	8	25	26	285	7.8	7	8	25	493	0.5	2050	58.53	0.8	1.8	24
27-May-25	9.540	7.6	279	220	276	521	6	26	30	275	7.9	8	7	22	492	**0.7**	2000	60	0.6	1.6	25
28-May-25	10.381	7.5	272	240	282	528	8	25	28	280	7.8	7	8	24	493	0.5	1950	61.53	0.5	1.4	24
29-May-25	9.982	7.6	279	210	278	521	9	22	26	285	7.9	7	7	20	473	0.7	2000	60	0.6	1.6	25
30-May-25	9.971	7.5	276		272	524	6	25	28	280	7.8	6		24	474	0.5	1950	61.53	0.5	1.8	24
31-May-25	9.939	7.5	285		280	515	8	24	26	285	7.9	7		22	473	0.7	2000	60	0.6	1.6	25
TOTAL	198.057																				
min	**1.015**																				
MAX	**11.386**																				
Avg	**8.252**																				

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RAJKOT MUNICIPAL CORPORATION

RAJKOT MUNICIPAL CORPORATION

44.5 MLD SEWAGE TREATMENT PLANT Daily Analysis Result

Type of Sampling		Composite															Grab				
Date	MLD	Raw Sewage at Inlet Chember									Treated Sewage						Aereation				
	MLD	PH	SS	BOD MG/L	COD MG/L	T D S	PHOPHURS	FECAL COLIFORM	TOTAL NITROGEN	Alkinity	PH	SS	BOD MG/L	COD MG/L	T D S	RES CHLORIDE	MLSS/MLVSS	SVI	PHOPHURS	TOTAL NITROGEN	FECAL COLIFOAM
		6.5-8.0	<250mg/l	<150mg/l	550 Mg/L	mg/lit	6 mg/lit	>1*10*7	50 mg/lit	mg/lit	6to9	<30mg/l	<20mg/l	< 50 Mg/L	mg/lit	mg/lit	mg/lit	mg/lit	<=2 mg/lit	mg/lit	MPN
1-Apr-25	9.339	7.6	286	210	288	594	5	120	22	280	7.7	6	8	24	534	0.5	2050	58.53	0.9	5.00	25
2-Apr-25	9.216	7.5	308	240	272	592	3			285	7.6	7	7	22	533	0.5	2000	60.00	0.8		26
3-Apr-25	9.521	7.6	282	240	278	598	4			275	7.8	6	8	24	534	0.7	2050	58.53	0.5		25
4-Apr-25	7.610	7.5	304	210	282	576	2			280	7.6	9	7	22	551	0.5	2080	57.14	1		25
5-Apr-25	8.911	7.5	308	240	272	572	3			285	7.7	7	8	24	513	0.7	2050	58.53	0.6		26
6-Apr-25	7.646	7.5	302	220	280	578	5			275	7.8	7	7	22	533	0.5	2000	60.00	0.8		25
7-Apr-25	11.228	7.5	310	240	288	570	8			280	7.8	6	8	24	514	0.7	2050	58.53	0.9		26
8-Apr-25	8.738	7.6	304	220	278	575	4	140	28	285	7.7	7	6	20	513	0.5	2100	57.14	1	8.00	25
9-Apr-25	10.477	7.5	312	240	282	588	6			280	7.6	6	8	24	534	0.7	2080	57.69	0.8		25
10-Apr-25	10.119	7.5	294	220	292	586	4			285	7.7	8	7	22	512	0.5	2050	58.53	0.6		26
11-Apr-25	7.512	7.5	249	210	278	531	3			275	7.8	5	6	20	496	0.5	1950	61.54	0.4		25
12-Apr-25	9.480	7.5	242	220	280	553	5			280	7.7	7	7	22	493	0.7	2000	60.00	0.8		25
13-Apr-25	7.854	7.5	258	240	288	542	6			285	7.6	6	8	24	494	0.5	1950	61.54	0.9		25
14-Apr-25	8.268	7.4	266	220	278	534	4	120	26	275	7.5	6	8	24	504	0.5	2000	60.00	0.6	5	25
15-Apr-25	9.473	7.5	277	210	272	563	5			280	7.7	7	7	22	513	0.7	2050	58.53	0.8		25
16-Apr-25	8.593	7.6	303	240	290	537	3			285	7.8	7	8	25	493	0.5	2080	57.69	0.6		26
17-Apr-25	6.150	7.5	274	220	284	546	4		18	280	7.7	6	9	28	504	0.5	2050	58.53	0.8	2	25
18-Apr-25	8.597	7.4	317	240	288	543	5			285	7.6	6	8	24	514	0.7	2100	57.14	0.8		24
19-Apr-25	8.256	7.5	287	220	278	533	6			280	7.7	7	7	22	513	0.7	2050	58.53	0.6		25
20-Apr-25	8.080	7.5	294	240	282	546	4			275	7.8	8	8	24	512	0.5	2000	60	0.5		26
21-Apr-25	8.988	7.5	257	220	272	543	3			280	7.7	7	7	22	493	0.7	1950	61.54	0.6		25
22-Apr-25	10.011	7.4	267	210	276	533	5			285	7.6	8	8	24	492	0.5	2000	60	0.8		26
23-Apr-25	10.260	7.5	274	240	280	546	4			280	7.7	6	7	22	494	0.5	1950	61.54	0.6		25
24-Apr-25	9.451	7.6	277	220	278	543	5			275	7.8	7	6	21	493	0.7	2000	60	0.8		24
25-Apr-25	8.208	7.4	288	210	272	492	4		28	280	7.9	7	8	24	473	0.5	1950	61.54	0.6	8	26
26-Apr-25	8.251	7.5	285	220	280	495	5			285	7.8	8	6	20	472	0.7	2000	60	0.5		25
27-Apr-25	7.839	7.6	302	240	286	498	6		25	280	7.9	7	7	22	473	0.5	2050	58.53	0.4	9	26
28-Apr-25	6.558	7.5	288	220	284	492	5			285	7.8	8	8	24	473	0.7	2000	60	0.6		25
29-Apr-25	9.260	7.5	308	240	292	612	8			280	7.7	8	9	26	482	0.5	2100	57.14	0.8		26
30-Apr-25	9.266	7.6	272	220	288	608	6			285	7.8	8	8	24	492	0.7	2050	58.53	0.6		25
TOTAL	263.160																				
min	6.150																				
MAX	11.228																				
Avg	8.772																				

DATE
04-04-25 SLUDGE DISPATCH TROLLY 4
05-04-25 SLUDGE DISPATCH TROLLY 5
06-04-25 SLUDGE DISPATCH TROLLY 6

FLOW DYNAMICS PVT. LTD. AHMEDABAD

ચીફ એન્જીનીયર,
ડ્રેનેજ,
રાજકોટ મહાનગરપાલિકા.

RAJKOT MUNICIPAL CORPORATION

RAJKOT MUNICIPAL CORPORATION

44.5 MLD SEWAGE TREATMENT PLANT Daily Analysis Result

Type of Sampling		Composite												Grab				
Date	MLD	Raw Sewage at Inlet Chember						Treated Sewage						Aereation -1		Aereation -2		
	MLD	PH	SS	BOD MG/L	COD MG/L	T D S	Alkinity	PH	SS	BOD MG/L	COD MG/L	T D S	RES CHLORIDE	MLSS/ML VSS	SVI	MLSS/ML VSS	SVI	FECAL COLIFOAM
		6.5-8.0	<250mg/l	<150mg/l	550 Mg/L	mg/lit	mg/lit	6to9	<30mg/l	<20mg/l	< 50 Mg/L	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	MPN
1-Mar-25	9.932	7.5	288	210	282	592	280	7.6	8	8	24	552	0.5	2050	58.53	2050	58.53	25
2-Mar-25	15.207	7.6	247	220	286	593	275	7.7	7	7	22	553	0.5	2000	60.00	2000	60.00	26
3-Mar-25	8.524	7.5	290	240	290	590	280	7.6	8	8	24	532	0.5	2050	58.53	2050	58.53	25
4-Mar-25	10.737	7.6	307	210	284	533	285	7.7	7	6	20	493	0.7	2100	57.14	2100	57.14	25
5-Mar-25	10.948	7.5	277	240	292	603	280	7.6	8	9	30	572	0.5	2050	58.53	2050	58.53	26
6-Mar-25	14.206	7.6	287	220	288	593	285	7.7	7	8	24	533	0.5	2080	57.69	2080	57.69	25
7-Mar-25	14.705	7.3	257	240	294	623	280	7.6	6	7	22	534	0.7	2100	57.14	2100	57.14	25
8-Mar-25	14.458	7.5	259	240	286	621	285	7.7	7	8	24	533	0.5	2050	58.53	2050	58.53	25
9-Mar-25	11.256	7.4	276	210	288	604	275	7.6	6	7	22	534	0.5	2000	60.00	2000	60.00	26
10-Mar-25	11.983	7.3	287	240	292	593	280	7.5	8	6	20	572	0.5	2050	58.53	2050	58.53	25
11-Mar-25	10.531	7.5	302	240	290	598	275	7.6	7	7	22	553	0.5	2000	60	2000	60	25
12-Mar-25	8.332	7.6	284	220	294	596	280	7.7	6	8	24	574	0.7	2050	58.53	2050	58.53	26
13-Mar-25	8.038	7.5	287	240	280	593	285	7.6	7	7	22	553	0.5	2100	57.14	2100	57.14	25
14-Mar-25	9.857	7.6	282	210	284	598	280	7.7	6	8	24	554	0.5	2050	58.53	2050	58.53	26
15-Mar-25	9.463	7.6	341	240	292	599	275	7.8	8	8	26	572	0.5	2000	60	2000	60	25
16-Mar-25	7.343	7.5	307	220	282	593	280	7.7	7	7	22	573	0.5	2050	58.53	2050	58.53	26
17-Mar-25	8.996	7.5	303	240	286	597	285	7.7	6	8	24	554	0.5	2100	57.14	2100	57.14	25
18-Mar-25	10.084	7.6	321	240	290	599	280	7.8	6	7	22	574	0.7	2050	58.53	2050	58.53	26
19-Mar-25	7.369	7.5	287	210	284	593	275	7.7	7	6	20	553	0.5	2000	60	2000	60	25
20-Mar-25	7.201	7.6	310	220	280	590	280	7.8	6	7	22	554	0.7	2050	58.53	2050	58.53	26
21-Mar-25	7.274	7.5	299	240	288	581	285	7.7	6	6	20	534	0.5	2000	60	2000	60	25
22-Mar-25	9.260	7.6	288	210	292	592	275	7.8	7	7	22	533	0.5	2100	57.14	2100	57.14	25
23-Mar-25	17.702	7.5	302	240	284	598	280	7.7	8	8	24	532	0.7	2050	58.53	2050	58.53	26
24-Mar-25	13.919	7.6	290	220	292	590	285	7.8	7	7	22	553	0.5	1950	61.53	1950	61.53	25
25-Mar-25	11.283	7.5	298	240	280	592	280	7.7	6	8	24	554	0.7	2000	60	2000	60	26
26-Mar-25	12.533	7.6	310	210	282	590	275	7.8	7	7	22	533	0.5	2050	58.53	2050	58.53	25
27-Mar-25	9.485	7.5	309	220	278	581	280	7.7	8	8	26	572	0.7	2000	60	2000	60	26
28-Mar-25	10.738	7.4	298	240	282	592	285	7.6	7	8	24	533	0.5	2050	58.53	2050	58.53	25
29-Mar-25	10.076	7.5	292	210	272	598	280	7.7	7	7	22	533	0.7	2000	60	2000	60	25
30-Mar-25	9.168	7.6	310	240	280	590	275	7.8	8	8	24	572	0.5	2050	58.53	2050	58.53	26
31-Mar-25	9.279	7.5	309	220	278	581	280	7.7	6	7	22	534	0.7	2100	57.14	2100	57.14	25
TOTAL	329.887																	
min	7.201																	
MAX	17.702																	
Avg	10.642																	

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RAJKOT MUNICIPAL CORPORATION

RAJKOT MUNICIPAL CORPORATION

44.5 MLD SEWAGE TREATMENT PLANT Daily Analysis Result

Type of Sampling		Composite												Grab				
Date	MLD	Raw Sewage at Inlet Chember						Treated Sewage						Aereation -1		Aereation -2		
	MLD	PH	SS	BOD MG/L	COD MG/L	T D S	Alkinity	PH	SS	BOD MG/L	COD MG/L	T D S	RES CHLORIDE	MLSS/ML VSS	SVI	MLSS/ML VSS	SVI	FECAL COLIFOAM
		6.5-8.0	<250mg/l	<150mg/l	550 Mg/L	mg/lit	mg/lit	6to9	<30mg/l	<20mg/l	< 50 Mg/L	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	MPN
1-Feb-25	9.552	7.5	299	240	280	581	280	7.6	9	8	24	551	0.5	2100	57.14	2100	57.14	26
2-Feb-25	9.798	7.6	296	210	292	584	275	7.7	7	7	22	553	0.7	2050	58.53	2050	58.53	25
3-Feb-25	9.856	7.5	280	240	284	600	280	7.6	7	6	20	553	1	2100	57.14	2100	57.14	26
4-Feb-25	7.622	7.6	301	240	298	599	275	7.7	7	8	26	573	0.5	2050	58.53	2050	58.53	25
5-Feb-25	9.420	7.5	363	220	292	617	280	7.6	9	6	20	551	0.5	2100	57.14	2100	57.14	25
6-Feb-25	9.770	7.6	316	240	298	584	285	7.7	7	8	24	533	0.7	2050	58.53	2050	58.53	29
7-Feb-25	11.492	7.5	332	210	290	568	280	7.6	6	7	22	534	0.5	2000	60.00	2000	60.00	26
8-Feb-25	10.443	7.6	288	240	286	592	285	7.7	9	8	24	551	0.5	2100	57.14	2100	57.14	25
9-Feb-25	9.773	7.5	282	210	290	598	275	7.6	7	8	25	533	0.7	2050	58.53	2050	58.53	26
10-Feb-25	14.529	7.6	288	240	292	573	280	7.7	8	7	22	512	0.5	2000	60	2000	60	25
11-Feb-25	7.715	7.3	238	220	276	562	285	7.5	7	8	24	493	0.5	2050	58.53	2050	58.53	26
12-Feb-25	9.145	7.5	307	240	294	573	280	7.6	7	7	22	533	0.5	2100	57.14	2100	57.14	25
13-Feb-25	7.260	7.3	287	210	290	593	285	7.5	7	8	24	493	0.7	2050	58.53	2050	58.53	26
14-Feb-25	8.903	7.4	281	220	288	599	280	7.6	8	7	22	492	0.5	2100	57.14	2100	57.14	25
15-Feb-25	1.294	7.5	277	240	292	603	285	7.7	8	8	24	512	0.7	2000	60	2000	60	26
16-Feb-25	8.766	7.6	282	220	290	598	280	7.7	7	7	22	513	0.5	2050	58.53	2050	58.53	25
17-Feb-25	9.473	7.5	307	240	286	573	285	7.6	7	6	20	493	0.7	2000	60	2000	60	25
18-Feb-25	10.138	7.4	296	210	276	584	280	7.5	7	7	22	473	0.5	1950	61.53	1950	61.53	26
19-Feb-25	10.776	7.5	236	220	284	584	275	7.6	8	8	24	492	0.7	2050	58.53	2050	58.53	25
20-Feb-25	10.365	7.3	247	240	290	573	280	7.4	7	6	20	493	0.5	2100	57.14	2100	57.14	26
21-Feb-05	9.731	7.5	256	220	286	584	285	7.6	6	7	22	474	0.5	2050	58.53	2050	58.53	25
22-Feb-25	10.402	7.6	247	240	292	593	285	7.7	7	8	24	493	0.7	2000	60	2000	60	26
23-Feb-25	9.498	7.5	242	210	288	598	280	7.6	8	7	22	472	0.5	2050	58.53	2050	58.53	25
24-Feb-25	11.327	7.6	296	240	290	584	275	7.7	7	6	20	473	0.5	2100	57.14	2100	57.14	26
25-Feb-25	8.272	7.5	287	220	284	593	280	7 6	8	7	22	492	0.5	2050	58.53	2050	58.53	25
26-Feb-25	9.103	7.6	282	240	292	598	275	7.7	7	8	24	473	0.7	2000	60	2000	60	26
27-Feb-25	7.081	7.5	278	220	288	602	280	7.6	7	7	22	493	0.5	2050	58.53	2050	58.53	25
28-Feb-25	3.006	7.6	282	240	290	598	285	7.7	8	8	24	492	0.5	2100	57.14	2100	57.14	26
TOTAL	254.510																	
min	1.294																	
MAX	14.529																	
Avg	9.090																	

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Environmental Advisers

GPCB RECOGNISED SCHEDULE II AUDITORS

ULR No.: TC-15272/25/0/0000062P			Report Issue Date :28/05/2025
TEST REPORT			
WATER QUALITY TEST REPORT			
Name of Customer	Flow Dynamic India Private Limited, 44.5 MLD STP Madhapar, Rajkot)		
Address of Customer	Sumel I-II, Beside Guudwara, Thaltej S G Highway, Ahmedabad 380054		
Sample ID	ASP-W-R-25-05-62	Sample Collected by	Plant Chemist
Sample Type	Grab	Sample Submitted by	Plant In charge
Sample Collection Date	19/05/2025	Sampling Method	Grab
Receipt Date	19/05/2025	Analysis Method	IS 3025 & APHA
Analysis Start Date	20/05/2025	Sampling Location	Out let of STP
Completion Date	28/04/2025	Sampling Time	17.40
Quantity /No. of sample	5 lit	Sample Description	Treated Sewage
Type of Container	Plastic	Packing /Seal	Cap seal

S No	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2017	-	7.24	5.5-9.0
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	9.28	20
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	8.64	10
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	26.7	50
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	4.25	5
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	2.46	10
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	0.68	1
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	42	100
9	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	18	100
10	Residual Chlorine	IS 3025 (Part 26) : 2021	mg/L	(BDL<1)	0.5

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

Notes:

1. These results related to the sample tested and applicable parameter only.
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3. The sample will be destroyed after retention time (14 days) unless specified specially. Reanalysis sample will be done, if required within 14 days from the date of report of sample, if the sample are not consumed during analysis.
4. Laboratory Division of ASP strictly maintains confidentiality of all the analysis, test results and customer supplied product/sample and will not reveal this information to the third party unless required for the statutory compliance.
5. The result reported above relate to the sample identified under sample details and for that day only.
6. Specifications based on SPCB norms / provided by party.
7. Parameters mention with '*' beside them are non-accredited parameters.

Analysed By	Reviewed & Authorized By
(D.U. Dave)	(P.J. Vachhani)

---------- End of the Test Report ----------

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Y. A. Tai
Cell : 98251 76562

TC-15272

GPCB RECOGNISED SCHEDULE II AUDITORS

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ULR No.: TC-15272/25/0/0000066P			Report Issue Date :25/06/2025
TEST REPORT			
WATER QUALITY TEST REPORT			
Name of Customer	Flow Dynamic India Private Limited, 44.5 MLD STP Madhapar, Rajkot)		
Address of Customer	Sumel I-II, Beside Guudwara, Thaltej S G Highway, Ahmedabad 380054		
Sample ID	ASP-W-R-25-06-66	Sample Collected by	Plant Chemist
Sample Type	Grab	Sample Submitted by	Plant In charge
Sample Collection Date	13/06/2025	Sampling Method	Grab
Receipt Date	13/06/2025	Analysis Method	IS 3025 & APHA
Analysis Start Date	13/06/2025	Sampling Location	Inlet of STP
Completion Date	20/06/2025	Sampling Time	17.30
Quantity /No. of sample	5 lit	Sample Description	Untreated Sewage
Type of Container	Plastic	Packing /Seal	Cap seal

S No	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2017	-	8.02	--
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	68.3	--
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	63.6	--
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	183.4	--
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	10.5	--
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	24.4	--
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	11.3	--
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	124	--
9	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	64	--
10	Oil & Grease	APHA 5520 B:2017	mg/L	12.1	

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

Notes:

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3. The sample will be destroyed after retention time (14 days) unless specified specially. Reanalysis sample will be done, if required within 14 days from the date of report of sample, if the sample are not consumed during analysis.
4. Laboratory Division of ASP strictly maintains confidentiality of all the analysis, test results and customer supplied product/sample and will not reveal this information to the third party unless required for the statutory compliance.
5. The result reported above relate to the sample identified under sample details and for that day only.
6. Specifications based on SPCB norms / provided by party.
7. Parameters mention with '*' beside them are non-accredited parameters.

Analysed By	Reviewed & Authorized By
(D.U. Dave)	(P.J. Vachhani)

---------- End of the Test Report ----------

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ટ્રેનેજ,
રાજકોટ મહાનગરપાલિકા.

P.J. Vachhani 1003-B, Alpha Plus, Near Raiya Telephone Exchange, Y. A. Tai

TC-15272

GPCB RECOGNISED SCHEDULE II AUDITORS

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ULR No.: TC-15272/25/0/0000065P			Report Issue Date :25/06/2025
TEST REPORT			
WATER QUALITY TEST REPORT			
Name of Customer	Flow Dynamic India Private Limited, 44.5 MLD STP Madhapar, Rajkot)		
Address of Customer	Sumel I-II, Beside Guudwara, Thaltej S G Highway, Ahmedabad 380054		
Sample ID	ASP-W-R-25-06-65	Sample Collected by	Plant Chemist
Sample Type	Grab	Sample Submitted by	Plant In charge
Sample Collection Date	13/06/2025	Sampling Method	Grab
Receipt Date	13/06/2025	Analysis Method	IS 3025 & APHA
Analysis Start Date	13/06/2025	Sampling Location	Out let of STP
Completion Date	20/06/2025	Sampling Time	17.40
Quantity /No. of sample	5 lit	Sample Description	Treated Sewage
Type of Container	Plastic	Packing /Seal	Cap seal

S No	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2017	-	7.41	5.5-9.0
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	9.68	20
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	9.62	10
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	27.4	50
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	3.26	5
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	3.68	10
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	0.58	1
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	54	100
9	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	23	100
10	Residual Chlorine	IS 3025 (Part 26) : 2021	mg/L	(BDL<1)	0.5

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

Notes:

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7. Parameters mention with '*' beside them are non-accredited parameters.

Analysed By	Reviewed & Authorized By
(D.U. Dave)	(P.J. Vachhani)

---------- End of the Test Report ----------

સીટી એન્જીનીયર,
ડ્રેનેજ,
રાજકોટ મહાનગરપાલિકા.

P.J. Vachhani 1003-B, Alpha Plus, Near Raiya Telephone Exchange, Y. A. Tai

AURA
SOLUTION PROVIDERS
Environmental Advisers

GPCB RECOGNISED SCHEDULE II AUDITORS

ULR No.: TC-15272/25/0/0000061P			Report Issue Date :28/05/2025
TEST REPORT			
WATER QUALITY TEST REPORT			
Name of Customer	Flow Dynamic India Private Limited, 44.5 MLD STP Madhapar, Rajkot)		
Address of Customer	Sumel I-II, Beside Guudwara, Thaltej S G Highway, Ahmedabad 380054		
Sample ID	ASP-W-R-25-05-61	Sample Collected by	Plant Chemist
Sample Type	Grab	Sample Submitted by	Plant In charge
Sample Collection Date	19/05/2025	Sampling Method	Grab
Receipt Date	19/05/2025	Analysis Method	IS 3025 & APHA
Analysis Start Date	20/05/2025	Sampling Location	In let of STP
Completion Date	28/04/2025	Sampling Time	17.30
Quantity /No. of sample	5 lit	Sample Description	Un Treated Sewage
Type of Container	Plastic	Packing /Seal	Cap seal

S No	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2017	-	7.75	--
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	256.44	--
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	89.8	--
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	268.4	--
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	24.5	--
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	52.0	--
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	41.52	--
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	122	--
9	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	82	--

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

Notes:

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Analysed By	Reviewed & Authorized By
(D.U. Dave)	(P.J. Vachhani)

---------- End of the Test Report ----------

સીટી એન્જીનીયર,
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GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.: TC-15272/25/0/0000047P			Report Issue Date :25/04/2025
TEST REPORT			
WATER QUALITY TEST REPORT			
Name of Customer	Flow Dynamic India Private Limited, 44.5 MLD STP Madhapar, Rajkot)		
Address of Customer	Sumel I-II, Beside Guudwara, Thaltej S G Highway, Ahmedabad 380054		
Sample ID	ASP-W-R-25-04-47	Sample Collected by	Plant Chemist
Sample Type	Grab	Sample Submitted by	Plant In charge
Sample Collection Date	16/04/2025	Sampling Method	Grab
Receipt Date	16/04/2025	Analysis Method	IS 3025 & APHA
Analysis Start Date	17/04/2025	Sampling Location	In let of STP
Completion Date	25/04/2025	Sampling Time	16.30
Quantity /No. of sample	5 lit	Sample Description	Un Treated Sewage
Type of Container	Plastic	Packing /Seal	Cap seal

S No	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2017	-	7.65	--
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	252.4	--
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	53.4	--
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	148.6	--
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	14.5	--
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	18.4	--
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	14.5	--
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	114	--
9	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	65	--

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

Notes:

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7. Parameters mention with '*' beside them are non-accredited parameters.

Analysed By	Reviewed & Authorized By
(D.U. Dave)	(P.J. Vachhani)

---------- End of the Test Report ----------

AURA SOLUTION PROVIDERS RAJKOT

સીટી એન્જીનીયર,
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GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.: TC-15272/25/0/0000048P			Report Issue Date :25/04/2025
TEST REPORT			
WATER QUALITY TEST REPORT			
Name of Customer	Flow Dynamic India Private Limited, 44.5 MLD STP Madhapar, Rajkot)		
Address of Customer	Sumel I-II, Beside Guudwara, Thaltej S G Highway, Ahmedabad 380054		
Sample ID	ASP-W-R-25-04-48	Sample Collected by	Plant Chemist
Sample Type	Grab	Sample Submitted by	Plant In charge
Sample Collection Date	16/04/2025	Sampling Method	Grab
Receipt Date	16/04/2025	Analysis Method	IS 3025 & APHA
Analysis Start Date	17/04/2025	Sampling Location	Out let of STP
Completion Date	25/04/2025	Sampling Time	16.40
Quantity /No. of sample	5 lit	Sample Description	Treated Sewage
Type of Container	Plastic	Packing /Seal	Cap seal

S No	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2017	-	7.16	5.5-9.0
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	8.4	20
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	9.4	10
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	28.68	50
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	12.40	5
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	1.68	10
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	0.86	1
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	23	100
9	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	12	100
10	Residual Chlorine	IS 3025 (Part 26) : 2021	mg/L	(BDL<1)	0.5

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

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Analysed By	Reviewed & Authorized By
(D.U. Dave)	(P.J. Vachhani)

---------- End of the Test Report ----------

AURA SOLUTION PROVIDERS RAJKOT

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Godown No. 1 & 2, Kana Estate, Plot No. 100/3, Suej Farm,
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TC-15272
GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.:TC-15272/25/0/00000025P

Report Issue Date :20/03/2025

TEST REPORT

WATER QUALITY TEST REPORT

Name of Customer : Flow Dynamic India Pvt. Ltd.(44.5 MLD STP Madhapar),204, second Floor,
Address of Customer : Sumel-I-II, Beside Gurudwara, Thaltej, S.G.Highway, Ahemedabad-380054.

Sample ID	: ASP-W-R-25-03-012	Sample Collected by	: Site In-charge
Sample Type	: Grab	Sample Submitted by	: Plant incharge
Sample Collection Date	: 12-03-2025	Sampling Method	: -
Receipt Date	: 12-03-2025	Analysis Method	: IS 3025 & APHA
Analysis Start Date	: 12-03-2025	Sampling Location	: STP Outlet
Completion Date	: 19-03-2025	Sampling Time	: 4:45 PM
Quantity /No. of sample	: 2 L/ 1 No.	Sample Description	: Treated Sewage
Type of Container	: Plastic	Packing /Seal	Cap seal

Sr. No.	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2022	-	7.45	6.5 - 9.0
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	9.0	10
3	Biochemical Oxygen Demand (3 days)	IS 3025 (Part 44): 2023	mg/L	9.2	10
4	Chemical Oxygen Demand	IS 3025 (Part 58): 2023	mg/L	30.0	100
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	3.0	5
6	Total Kjeldahl Nitrogen	IS : 3025 (Part 34):2019	mg/L	5.0	10
7	Oil and Grease	APHA 5520 B:2017	mg/L	BDL	-
8	Total Phosphate	IS 3025 (Part 31/Sec 1):2022	mg/L	0.94	1
9	Residual Chlorine	IS 3025 (Part 26) : 2021	mg/L	0.6	0.5-1.0
10	Total Coliform*	IS 15185 : 2002	MPN/100 mL	25	100

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For Aura Solution Providers,
Reviewed & Authorized By

Analysed By

(Dr.D.U. Dave)

AURA SOLUTION PROVIDERS RAJKOT

(P.J. Vachhani)

---------- End of the Test Report ----------

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TC-18272
GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.:TC-15272/25/0/00000008P **Report Issue Date :18/02/2025**

TEST REPORT

WATER QUALITY TEST REPORT

Name of Customer : Flow Dynamic India Pvt. Ltd.(44.5 MLD STP Madhapar),204, second Floor,
Address of Customer : Sumel-I-II, Beside Gurudwara, Thaltej, S.G.Highway, Ahemedabad-380054.

Sample ID	: ASP-W-R-25-02-002	Sample Collected by	: Site In-charge
Sample Type	: Grab	Sample Submitted by	: Plant incharge
Sample Collection Date	: 13-02-2025	Sampling Method	: -
Receipt Date	: 13-02-2025	Analysis Method	: IS 3025 & APHA
Analysis Start Date	: 13-02-2025	Sampling Location	: STP Outlet
Completion Date	: 18-02-2025	Sampling Time	: 4:45 PM
Quantity /No. of sample	: 2 L/ 1 No.	Sample Description	: Treated Sewage
Type of Container	: Plastic	Packing /Seal	Cap seal

Sr. No.	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2022	-	7.7	6.5 - 9.0
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	8.9	10
3	Biochemical Oxygen Demand (3 days)	IS 3025 (Part 44): 2023	mg/L	7.7	10
4	Chemical Oxygen Demand	IS 3025 (Part 58): 2023	mg/L	24.0	100
5	Total Kjeldahl Nitrogen	IS : 3025 (Part 34):2019	mg/L	7.7	-
6	Total Coliform*	IS 15185 : 2002	MPN/100 mL	25	100

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Analysed By
(Dr.D.U. Dave)

For Aura Solution Providers,
Reviewed & Authorized By
(P.J. Vachhani)

AURA SOLUTION PROVIDERS RAJKOT

---------- End of the Test Report ----------

સીટી એન્જીનીયર,
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Rajkot Municipal Corporation - Drainage Branch - Raiya 51 MLD STP

Sewage Analysis Data For Raiya 51 MLD STP JUNE 2025

Date	Treated Sewage	pH		S.S		B.O.D.		C.O.D.		O & G		Chloride		Alkalinity		Areation Tank-1			Areation Tank-2			TDS	Rcl
	MLD	Raw	Tre.	Raw	Tre.	Raw	Tre.	Raw	Tre.	Raw	Tre.	Raw	Tre.	Raw	S	DO	MLSS	SVI	DO	MLSS	SVI		
				mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l		mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	
1/6/25	47.26	7.9	7.7	266	21	158	19	378	50	0.4	N.A	175	134	306	N.A	0.5	2218	64	0.5	2218	64	410	0
2/6/25	48.42	7.8	7.5	272	22	170	19.5	352	52	0.4	N.A	168	140	292	N.A	0.5	2190	62	0.5	2190	62	392	0
3/6/25	47.22	7.8	7.4	258	20	142	18.5	364	55	0.3	N.A	162	130	300	N.A	0.5	2212	66	0.5	2212	66	388	0
4/6/25	37.96	7.7	7.4	260	23	166	19.5	372	53	0.4	N.A	156	134	276	N.A	0.5	2178	60	0.5	2178	60	394	0
5/6/25	42.86	7.9	7.5	274	22	156	19	355	51	0.3	N.A	170	138	268	N.A	0.5	2162	64	0.5	2162	64	390	0
6/6/25	45.7	7.8	7.4	255	21	145	18.8	368	50	0.4	N.A	166	136	288	N.A	0.4	2136	66	0.4	2136	66	396	0
7/6/25	44.23	7.9	7.7	266	25	162	19	384	53	0.3	N.A	159	128	274	N.A	0.5	2230	62	0.5	2230	62	402	0
8/6/25	51.55	7.9	7.5	272	23	146	18.5	375	52	0.4	N.A	164	132	290	N.A	0.5	2186	64	0.5	2186	64	398	0
9/6/25	41.5	7.8	7.4	256	22	154	19	370	56	0.4	N.A	168	126	286	N.A	0.5	2158	60	0.5	2158	60	386	0
10/6/25	47.58	7.7	7.4	270	21	160	19.5	366	53	0.4	N.A	152	130	280	N.A	0.4	2182	62	0.4	2182	62	384	0
11/6/25	35.02	7.8	7.5	264	24	164	18.9	374	50	0.3	N.A	158	134	278	N.A	0.5	2170	66	0.5	2170	66	395	0
12/6/25	43.63	7.9	7.4	252	20	168	19	355	52	0.3	N.A	166	128	282	N.A	0.45	2154	64	0.45	2154	64	400	0
13/6/25	41.58	7.7	7.3	278	21	155	19.5	360	55	0.4	N.A	154	126	294	N.A	0.5	2208	62	0.5	2208	62	404	0
14/6/25	49.35	7.8	7.4	260	23	144	18.5	382	53	0.3	N.A	160	132	284	N.A	0.5	2174	66	0.5	2174	66	388	0
15/6/25	47.72	7.9	7.5	268	22	164	19	364	51	0.4	N.A	162	134	298	N.A	0.5	2210	62	0.5	2210	62	396	0
16/6/25	48.9	7.9	7.4	257	21	156	19.8	376	52	0.3	N.A	155	124	296	N.A	0.46	2188	60	0.46	2188	60	382	0
17/6/25	34.7	7.8	7.4	264	22	168	19.5	370	52	0.4	N.A	174	138	304	N.A	0.5	2214	62	0.5	2214	62	388	0
18/6/25	36.92	7.7	7.5	270	24	154	19	354	54	0.3	N.A	166	136	290	N.A	0.5	2182	64	0.5	2182	64	390	0
19/6/25	42.74	7.9	7.3	256	22	146	18.5	362	55	0.4	N.A	168	140	298	N.A	0.45	2174	66	0.45	2174	66	404	0
20/6/25	36.74	7.8	7.4	254	21	144	19	366	50	0.3	N.A	152	132	278	N.A	0.5	2132	68	0.5	2132	68	398	0
21/6/25	42.86	7.9	7.4	266	20	158	18	378	53	0.3	N.A	150	128	284	N.A	0.5	2216	60	0.5	2216	60	408	0
22/6/25	44.79	7.8	7.5	252	23	162	19.4	358	51	0.4	N.A	164	130	280	N.A	0.5	2190	62	0.5	2190	62	412	0
23/6/25																							
24/6/25																							
25/6/25																							
26/6/25																							
27/6/25																							
28/6/25																							
29/6/25																							
30/6/25																							
TOTAL	959.23																						
Min.	34.7	7.7	7.3	252	20	142	18	352	50	0	N.A	150	124	268	N.A	1	2132	60	1	2132	60	382	0.5
Max.	51.55	7.9	7.7	278	25	170	19.8	384	56	0.5	N.A	175	140	306	N.A	1.1	2230	68	1.1	2230	68	412	0.6
Avg.	43.60	7.822727	7.45	263.1818	21.95455	156.4545	19.01818	367.4091	52.40909	0.354545	N.A	162.2273	132.2727	287.5455	N.A	0.484545	2184.727	63.27273	0.484545	2184.727	63.27273	395.6818	0.53

સીટી એન્જીનીયર,
ડ્રેનેજ,
રાજકોટ મહાનગરપાલિકા.

Rajkot Municipal Corporation - Drainage Branch - Raiya 51 MLD STP																							
Sewage Analysis Data For Raiya 51 MLD STP MAY 2025																							
Date	Treated Sewage	pH		S.S		B.O.D.		C.O.D.		O & G		Chloride		Alkalinity		Areation Tank-1			Areation Tank-2			TDS	Rcl
		Raw	Tre.	Raw	Tre.	Raw	Tre.	Raw	Tre.	Raw	Tre.	Raw	Tre.	Raw	Tre.	DO	MLSS	SVI	DO	MLSS	SVI		
	MLD			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	S	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	
1/5/25	46.75	7.9	7.5	252	19.5	145	19	378	50	0.4	N.A	168	140	282	N.A	0.5	2228	62	0.5	2228	62	390	0
2/5/25	45.24	7.8	7.4	260	19.8	138	18.5	364	51	0.3	N.A	175	135	264	N.A	0.5	2240	64	0.5	2240	64	392	0
3/5/25	46.08	7.8	7.5	265	21	149	19.5	378	52	0.4	N.A	180	138	276	N.A	0.55	2190	66	0.55	2190	66	394	0
4/5/25	47.67	7.8	7.4	272	20	162	19	350	52	0.4	N.A	166	132	258	N.A	0.5	2176	62	0.5	2176	62	398	0
5/5/25	48.32	7.9	7.4	264	19	140	18	356	51	0.3	N.A	152	126	302	N.A	0.5	2148	64	0.5	2148	64	388	0
6/5/25	46.98	7.8	7.5	284	22	156	19	372	57	0.4	N.A	160	130	282	N.A	0.5	2160	62	0.5	2160	62	398	0
7/5/25	47.39	7.8	7.5	276	21	148	19	355	55	0.3	N.A	168	134	260	N.A	0.5	2168	64	0.5	2168	64	394	0
8/5/25	47.12	7.9	7.4	260	20	150	19.5	378	54	0.4	N.A	180	138	276	N.A	0.55	2180	60	0.55	2180	60	402	0
9/5/25	40.45	7.8	7.5	258	21	142	18	346	57	0.3	N.A	164	132	284	N.A	0.5	2210	66	0.5	2210	66	386	0
10/5/25	42.66	7.9	7.4	265	23	164	18.5	380	58	0.4	N.A	172	142	262	N.A	0.5	2178	64	0.5	2178	64	380	0
11/5/25	43.78	7.8	7.5	274	22	158	19.5	374	57	0.4	N.A	155	135	274	N.A	0.5	2155	62	0.5	2155	62	396	0
12/5/25	45.88	7.7	7.4	266	22	170	19	362	59	0.3	N.A	149	128	300	N.A	0.55	2242	66	0.55	2242	66	404	0
13/5/25	46.08	7.9	7.5	278	21	165	19	350	52	0.3	N.A	164	136	298	N.A	0.5	2190	60	0.5	2190	60	410	0
14/5/25	45.48	7.8	7.4	290	22	155	19.5	366	55	0.4	N.A	158	130	286	N.A	0.5	2174	62	0.5	2174	62	392	0
15/5/25	46.31	7.9	7.4	284	21	158	19	370	52	0.4	N.A	162	126	302	N.A	0.5	2150	64	0.5	2150	64	390	0
16/5/25	45.58	7.8	7.4	252	22	166	18.5	354	58	0.3	N.A	168	132	272	N.A	0.45	2210	62	0.45	2210	62	394	0
17/5/25	41.4	7.7	7.5	274	21	144	19	376	56	0.4	N.A	160	128	284	N.A	0.5	2188	64	0.5	2188	64	386	0
18/5/25	42.82	7.9	7.5	266	22	156	18.8	382	57	0.3	N.A	156	136	268	N.A	0.4	2146	66	0.4	2146	66	398	0
19/5/25	43.2	7.9	7.4	270	20	172	19	378	55	0.4	N.A	165	132	260	N.A	0.4	2170	62	0.4	2170	62	390	0
20/5/25	40.69	7.8	7.5	262	21	152	18.5	355	52	0.3	N.A	170	140	284	N.A	0.5	2156	64	0.5	2156	64	406	0
21/5/25	42.89	7.7	7.4	258	22	160	19	370	57	0.4	N.A	178	142	272	N.A	0.5	2210	66	0.5	2210	66	384	0
22/5/25	40.55	7.8	7.4	282	22	168	19.5	366	55	0.4	N.A	156	138	296	N.A	0.5	2182	66	0.5	2182	66	392	0
23/5/25	43.38	7.9	7.5	264	23	146	19	352	52	0.3	N.A	164	134	255	N.A	0.4	2196	60	0.4	2196	60	400	0
24/5/25	46.53	7.8	7.4	272	23	154	18.5	374	54	0.4	N.A	170	140	270	N.A	0.5	2170	62	0.5	2170	62	388	0
25/5/25	38.73	7.7	7.5	266	20	162	19	348	52	0.4	N.A	164	136	278	N.A	0.4	2218	64	0.4	2218	64	396	0
26/5/25	40.35	7.9	7.5	278	24	150	18.5	362	56	0.3	N.A	154	128	286	N.A	0.5	2260	66	0.5	2260	66	402	0
27/5/25	41.08	7.8	7.4	255	22	157	18	376	50	0.3	N.A	162	132	290	N.A	0.4	2190	60	0.4	2190	60	390	0
28/5/25	39.76	7.8	7.5	276	21	144	19	350	52	0.3	N.A	168	136	300	N.A	0.4	2226	62	0.4	2226	62	398	0
29/5/25	44.79	7.9	7.4	282	22	152	18.5	352	55	0.4	N.A	160	130	306	N.A	0.5	2184	64	0.5	2184	64	386	0
30/5/25	46.24	7.8	7.3	274	24	168	18	358	52	0.3	N.A	166	126	292	N.A	0.5	2230	66	0.5	2230	66	394	0
31/5/25	44.7	7.7	7.5	262	22	146	19.5	374	51	0.3	N.A	158	132	274	N.A	0.4	2212	64	0.4	2212	64	382	0
TOTAL	1368.88																						
Min.	38.73	7.7	7.3	252	19	138	18	346	50	0	N.A	149	126	255	N.A	1	2146	60	1	2146	60	380	0.5
Max.	48.32	7.9	7.5	290	24	172	19.5	382	59	0.5	N.A	180	142	306	N.A	1.1	2260	66	1.1	2260	66	410	0.6
Avg.	44.16	7.819355	7.445161	269.0645	21.46129	154.7419	18.84839	364.7097	54.06452	0.351613	N.A	164.2581	133.6774	280.4194	N.A	0.480645	2191.516	63.41935	0.480645	2191.516	63.41935	393.5484	0.53

ચીફ એન્જીનીયર,
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Rajkot Municipal Corporation - Drainage Branch - Raiya 51 MLD STP

Sewage Analysis Data For Raiya 51 MLD STP APRIL 2025

Date	Treated Sewage	pH		S.S		B.O.D.		C.O.D.		O & G		Chloride		Alkalinity		Areation Tank-1			Areation Tank-2			TDS	Rcl
	MLD	Raw	Tre.	Raw	Tre.	Raw	Tre.	Raw	Tre.	Raw	Tre.	Raw	Tre.	Raw	Tre.	DO	MLSS	SVI	DO	MLSS	SVI		
				mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	S	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	
1/4/25	48.22	7.9	7.4	240	20	168	19	358	52	0.4	N.A	170	138	306	N.A	0.4	2180	64	0.4	2180	64	396	0
2/4/25	47.58	7.9	7.6	248	22	152	18.5	355	51	0.3	N.A	164	134	288	N.A	0.4	2172	62	0.4	2172	62	408	0
3/4/25	48.06	7.8	7.7	242	19.5	170	19.5	350	50	0.3	N.A	152	126	272	N.A	0.5	2200	60	0.5	2200	60	400	0
4/4/25	39.72	7.8	7.5	260	21	166	21	359	52	0.4	N.A	160	130	274	N.A	0.5	2240	66	0.5	2240	66	408	0
5/4/25	45.67	7.9	7.4	262	22	174	20	354	55	0.3	N.A	168	138	282	N.A	0.55	2178	62	0.55	2178	62	400	0
6/4/25	46.3	7.9	7.6	254	20	168	19.1	354	51	0.4	N.A	155	132	300	N.A	0.48	2182	64	0.48	2182	64	398	0
7/4/25	47.18	7.8	7.5	264	22	165	18.5	345	57	0.4	N.A	172	134	264	N.A	0.55	2190	66	0.55	2190	66	408	0
8/4/25	48.21	7.8	7.4	252	21	150	18	366	57	0.3	N.A	166	140	268	N.A	0.5	2210	60	0.5	2210	60	404	0
9/4/25	47.33	7.9	7.5	258	22	155	19.5	350	55	0.3	N.A	154	128	304	N.A	0.5	2270	64	0.5	2270	64	400	0
10/4/25	47.74	7.9	7.5	260	21	170	19	355	51	0.3	N.A	150	124	290	N.A	0.5	2190	62	0.5	2190	62	396	0
11/4/25	48.2	7.8	7.4	268	23	158	18.5	362	58	0.4	N.A	178	136	284	N.A	0.5	2178	60	0.5	2178	60	392	0
12/4/25	47.45	7.9	7.4	256	20	172	19.5	352	55	0.4	N.A	164	126	254	N.A	0.5	2132	66	0.5	2132	66	390	0
13/4/25	46.94	7.9	7.5	240	23	160	19	348	56	0.3	N.A	160	130	302	N.A	0.5	2228	66	0.5	2228	66	402	0
14/4/25	46.38	7.8	7.4	244	22	151	18	356	57	0.4	N.A	172	132	300	N.A	0.48	2245	64	0.48	2245	64	406	0
15/4/25	47.14	7.9	7.5	250	20	162	18.5	366	52	0.3	N.A	160	138	276	N.A	0.5	2300	62	0.5	2300	62	398	0
16/4/25	46.84	7.8	7.4	255	21	164	19.3	378	53	0.3	N.A	158	140	260	N.A	0.5	2260	60	0.5	2260	60	400	0
17/4/25	47.6	7.9	7.4	258	20	170	18.5	372	51	0.4	N.A	176	132	292	N.A	0.5	2180	64	0.5	2180	64	392	0
18/4/25	47.78	7.9	7.5	260	22	155	19	374	52	0.3	N.A	155	128	280	N.A	0.55	2130	62	0.55	2130	62	396	0
19/4/25	45.9	7.8	7.4	242	21	158	18.8	370	54	0.3	N.A	179	134	288	N.A	0.5	2240	66	0.5	2240	66	392	0
20/4/25	46.48	7.9	7.4	247	20	152	19	362	51	0.4	N.A	168	136	255	N.A	0.5	2192	60	0.5	2192	60	390	0
21/4/25	47.08	7.8	7.5	244	21	165	19.5	366	50	0.3	N.A	172	132	292	N.A	0.5	2260	64	0.5	2260	64	396	0
22/4/25	46.89	7.8	7.4	240	22	156	19	350	53	0.4	N.A	150	128	280	N.A	0.5	2300	62	0.5	2300	62	390	0
23/4/25	47.9	7.9	7.5	246	21	162	19.5	354	50	0.3	N.A	178	136	284	N.A	0.55	2282	66	0.55	2282	66	402	0
24/4/25	46.78	7.8	7.5	255	21	165	18	374	52	0.4	N.A	155	132	282	N.A	0.55	2264	64	0.55	2264	64	394	0
25/4/25	47.14	7.9	7.4	252	20	176	18.5	368	55	0.3	N.A	162	138	270	N.A	0.5	2172	60	0.5	2172	60	398	0
26/4/25	46.56	7.9	7.5	270	19.5	170	19	360	51	0.4	N.A	188	126	268	N.A	0.5	2180	62	0.5	2180	62	388	0
27/4/25	47.4	7.8	7.4	274	19	182	19.5	366	50	0.4	N.A	176	130	304	N.A	0.5	2210	66	0.5	2210	66	392	0
28/4/25	46.88	7.9	7.4	240	21	172	19	358	50	0.3	N.A	172	132	276	N.A	0.5	2232	62	0.5	2232	62	412	0
29/4/25	45.79	7.8	7.5	262	20	164	19	346	52	0.4	N.A	184	126	262	N.A	0.55	2276	64	0.55	2276	64	400	0
30/4/25	46.34	7.9	7.4	278	19	158	19.5	356	50	0.4	N.A	190	142	308	N.A	0.5	2290	66	0.5	2290	66	384	0
TOTAL	1405.48																						
Min.	39.72	7.8	7.4	240	19	150	18	345	50	0	N.A	150	124	254	N.A	1	2130	60	1	2130	60	384	0.5
Max.	48.22	7.9	7.7	278	23	182	21	378	58	0.5	N.A	190	142	308	N.A	1.1	2300	66	1.1	2300	66	412	0.6
Avg.	46.85	7.856667	7.463333	254.0333	20.86667	163.6667	19.02333	359.4667	52.76667	0.35	N.A	166.9333	132.6	282.1667	N.A	0.502	2218.767	63.2	0.502	2218.767	63.2	397.7333	0.53

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Rajkot Municipal Corporation - Drainage Branch - Raiya 51 MLD STP

Sewage Analysis Data For Raiya 51 MLD STP MARCH 2025

Date	Treated Sewage	pH		S.S		B.O.D.		C.O.D.		O & G		Chloride		Alkalinity		Areation Tank-1			Areation Tank-2			TDS	Rcl
		Raw	Tre.	Raw	Tre.	Raw	Tre.	Raw	Tre.	Raw	Tre.	Raw	Tre.	Raw	Tre.	DO	MLSS	SVI	DO	MLSS	SVI		
	MLD			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	S	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	
1/3/25	46.89	7.9	7.6	276	20	158	19.5	358	50	0.3	N.A	172	138	272	N.A	0.5	2140	64	0.5	2140	64	402	0
2/3/25	47.35	7.9	7.4	272	22	170	19	358	57	0.4	N.A	164	135	304	N.A	0.55	2210	62	0.55	2210	62	386	0
3/3/25	47.64	7.8	7.5	264	21	164	18.5	352	55	0.3	N.A	158	140	280	N.A	0.4	2228	66	0.4	2228	66	390	0
4/3/25	47.23	7.8	7.4	252	20	169	20	345	49	0.3	N.A	160	128	284	N.A	0.5	2232	60	0.5	2232	60	396	0
5/3/25	47.55	7.9	7.5	259	19	172	19.5	358	49.5	0.4	N.A	168	136	300	N.A	0.5	2190	64	0.5	2190	64	400	0
6/3/25	47.76	7.8	7.4	264	20	155	19	352	50	0.4	N.A	154	132	278	N.A	0.6	2100	62	0.6	2100	62	406	0
7/3/25	46.8	7.9	7.4	270	22	158	18.5	358	54	0.4	N.A	170	140	286	N.A	0.55	2245	66	0.55	2245	66	386	0
8/3/25	47.25	7.8	7.5	242	19.5	162	19	346	49	0.3	N.A	155	126	268	N.A	0.5	2170	60	0.5	2170	60	392	0
9/3/25	47.75	7.9	7.5	244	19	151	18	349	49.5	0.4	N.A	162	130	306	N.A	0.5	2132	64	0.5	2132	64	398	0
10/3/25	48.12	7.9	7.4	247	19.5	160	19.5	351	49	0.3	N.A	166	134	288	N.A	0.5	2180	62	0.5	2180	62	396	0
11/3/25	47.66	7.8	7.5	246	19	158	20	358	49.5	0.4	N.A	172	136	272	N.A	0.5	2170	60	0.5	2170	60	402	0
12/3/25	46.98	7.7	7.3	248	19.5	170	19.5	366	52	0.4	N.A	165	140	280	N.A	0.5	2180	62	0.5	2180	62	400	0
13/3/25	47.44	7.8	7.5	255	23	168	21	378	59	0.3	N.A	178	142	292	N.A	0.4	2200	64	0.4	2200	64	406	0
14/3/25	46.89	7.7	7.3	274	22	162	17	365	53	0.3	N.A	180	138	278	N.A	0.4	2130	66	0.4	2130	66	408	0
15/3/25	48.19	7.9	7.5	280	20	165	20	372	58	0.4	N.A	175	135	282	N.A	0.4	2180	60	0.4	2180	60	412	0
16/3/25	47.03	7.8	7.4	272	22	170	19	364	56	0.3	N.A	158	130	300	N.A	0.4	2160	62	0.4	2160	62	410	0
17/3/25	47.63	7.9	7.4	264	20	164	18.5	368	55	0.3	N.A	155	135	272	N.A	0.4	2100	60	0.4	2100	60	398	0
18/3/25	47.25	7.8	7.4	275	23	160	18.5	357	58	0.4	N.A	160	138	276	N.A	0.4	2100	64	0.4	2100	64	402	0
19/3/25	48.1	7.9	7.4	270	22	159	19	352	55	0.3	N.A	158	128	270	N.A	0.4	2132	60	0.4	2132	60	410	0
20/3/25	47.5	7.8	7.5	265	23	165	18.5	350	56	0.4	N.A	162	132	268	N.A	0.4	2122	62	0.4	2122	62	404	0
21/3/25	48.05	7.8	7.5	282	22	151	19	355	58	0.4	N.A	165	135	272	N.A	0.4	2180	64	0.4	2180	64	414	0
22/3/25	47.76	7.9	7.4	268	21	160	19.2	342	56	0.3	N.A	159	129	290	N.A	0.5	2200	60	0.5	2200	60	398	0
23/3/25	47.33	7.7	7.3	272	22	155	19.4	358	57	0.3	N.A	150	125	284	N.A	0.4	2210	62	0.4	2210	62	390	0
24/3/25	47.6	7.8	7.5	264	22	164	19	372	58	0.3	N.A	172	140	278	N.A	0.5	2130	62	0.5	2130	62	410	0
25/3/25	47.76	7.9	7.4	270	22	158	18	354	55	0.4	N.A	164	134	292	N.A	0.4	2228	64	0.4	2228	64	402	0
26/3/25	47.33	7.9	7.4	262	22	155	19	350	56	0.3	N.A	158	138	268	N.A	0.4	2240	62	0.4	2240	62	396	0
27/3/25	47.82	7.8	7.3	252	21	162	19.5	358	50	0.4	N.A	162	126	254	N.A	0.5	2192	62	0.5	2192	62	398	0
28/3/25	48.01	7.9	7.5	260	20	162	18	372	49.5	0.3	N.A	160	130	262	N.A	0.55	2190	64	0.55	2190	64	404	0
29/3/25	47.79	7.7	7.4	258	19.5	164	18.5	350	52	0.3	N.A	156	136	270	N.A	0.4	2245	66	0.4	2245	66	392	0
30/3/25	48.07	7.9	7.5	266	19	168	19	364	50	0.4	N.A	164	132	264	N.A	0.5	2300	60	0.5	2300	60	402	0
31/3/25	47.85	7.8	7.4	262	20	158	18	358	51	0.3	N.A	160	128	268	N.A	0.5	2260	64	0.5	2260	64	390	0
TOTAL	1474.38																						
Min.	46.8	7.7	7.3	242	19	151	17	342	49	0	N.A	150	125	254	N.A	1	2100	60	1	2100	60	386	0.5
Max.	48.19	7.9	7.6	282	23	172	21	378	59	0.5	N.A	180	142	306	N.A	1.1	2300	66	1.1	2300	66	414	0.6
Avg.	47.56	7.832258	7.432258	263.0645	20.83871	161.8387	18.97097	357.7419	53.41935	0.345161	N.A	163.2903	133.7419	279.2903	N.A	0.462903	2183.097	62.58065	0.462903	2183.097	62.58065	400	0.53

સીટી એન્જીનીયર,
ડ્રેનેજ,
રાજકોટ મહાનગરપાલિકા.

Rajkot Municipal Corporation - Drainage Branch - Raiya 51 MLD STP

Sewage Analysis Data For Raiya 51 MLD STP FEBRUARY 2025

Date	Treated Sewage	pH		S.S		B.O.D.		C.O.D.		O & G		Chloride		Alkalinity		Areation Tank-1			Areation Tank-2			TDS	Rcl
	MLD	Raw	Tre.	Raw	Tre.	Raw	Tre.	Raw	Tre.	Raw	Tre.	Raw	Tre.	Raw	Tre.	DO	MLSS	SVI	DO	MLSS	SVI		
				mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	S	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	
1/2/25	47.03	7.8	7.5	250	19.5	158	19	392	50	0.3	N.A	158	128	272	N.A	0.5	2110	60	0.5	2110	60	400	0.5
2/2/25	47.9	7.7	7.4	246	19	172	19.5	384	48	0.4	N.A	172	132	290	N.A	0.6	2200	62	0.6	2200	62	390	0.6
3/2/25	46.98	7.8	7.3	240	18.5	165	18	372	49	0.3	N.A	188	148	284	N.A	0.5	2190	64	0.5	2190	64	402	0.5
4/2/25	47.89	7.5	7.4	252	19	178	19	388	49.5	0.3	N.A	165	135	270	N.A	0.6	2172	62	0.6	2172	62	400	0.6
5/2/25	47.49	7.7	7.5	238	18.5	160	18.5	384	49	0.4	N.A	160	130	304	N.A	0.6	2160	66	0.6	2160	66	394	0.6
6/2/25	48.03	7.6	7.3	234	19	166	19.5	390	49.5	0.4	N.A	178	136	286	N.A	0.55	2178	64	0.55	2178	64	408	0.5
7/2/25	49.46	7.7	7.4	255	19.5	172	20	376	51	0.3	N.A	170	138	278	N.A	0.6	2165	60	0.6	2165	60	412	0.5
8/2/25	48.64	7.8	7.5	280	22	150	20	398	55	0.4	N.A	176	136	294	N.A	0.6	2132	62	0.6	2132	62	412	0.6
9/2/25	47.9	7.7	7.4	266	20	165	19.5	384	50	0.3	N.A	185	144	306	N.A	0.5	2180	64	0.5	2180	64	402	0.5
10/2/25	48.1	7.9	7.6	269	19.5	152	19	381	49	0.3	N.A	164	134	282	N.A	0.6	2145	66	0.6	2145	66	390	0.6
11/2/25	44.87	7.8	7.5	260	19	148	18.5	386	49.5	0.4	N.A	182	140	268	N.A	0.6	2200	60	0.6	2200	60	388	0.5
12/2/25	46.81	7.7	7.4	272	18	170	19	390	49	0.4	N.A	165	130	262	N.A	0.5	2190	62	0.5	2190	62	390	0.5
13/2/25	47.64	7.9	7.6	280	18.5	155	18.5	386	48	0.4	N.A	172	132	274	N.A	0.5	2188	64	0.5	2188	64	398	0.5
14/2/25	45.98	7.8	7.5	288	19	174	19.5	396	49	0.3	N.A	155	135	260	N.A	0.6	2210	60	0.6	2210	60	394	0.6
15/2/25	47.26	7.9	7.6	252	18.5	166	18	368	48	0.3	N.A	152	128	302	N.A	0.55	2145	66	0.55	2145	66	390	0.6
16/2/25	47.1	7.7	7.5	274	19	182	19	376	49.5	0.4	N.A	164	134	284	N.A	0.6	2166	62	0.6	2166	62	412	0.5
17/2/25	48.45	7.8	7.4	264	18.5	170	18	346	48	0.3	N.A	172	126	300	N.A	0.5	2130	64	0.5	2130	64	402	0.5
18/2/25	49.32	7.7	7.5	266	18	154	19	355	49.5	0.4	N.A	178	138	296	N.A	0.55	2148	60	0.55	2148	60	398	0.6
19/2/25	48.26	7.8	7.4	262	18.5	180	19.5	370	49	0.3	N.A	164	130	282	N.A	0.5	2110	62	0.5	2110	62	404	0.6
20/2/25	47.77	7.9	7.5	282	22	164	20	388	51	0.4	N.A	158	128	302	N.A	0.5	2120	60	0.5	2120	60	410	0.5
21/2/25	48.08	7.8	7.4	272	20	158	19	386	49	0.4	N.A	160	134	282	N.A	0.55	2212	64	0.55	2212	64	404	0.6
22/2/25	47.36	7.7	7.3	286	21	172	19.5	398	55	0.3	N.A	182	142	260	N.A	0.5	2182	62	0.5	2182	62	406	0.5
23/2/25	47.9	7.8	7.4	282	20	186	20	390	52	0.4	N.A	176	135	255	N.A	0.6	2168	66	0.6	2168	66	402	0.6
24/2/25	46.88	7.9	7.4	258	19	159	20	372	48	0.3	N.A	169	139	272	N.A	0.5	2140	60	0.5	2140	60	400	0.5
25/2/25	47.33	7.8	7.5	276	21	166	19.5	362	52	0.4	N.A	158	138	270	N.A	0.5	2180	60	0.5	2180	60	412	0.5
26/2/25	47.25	7.9	7.4	269	20	170	19	374	51	0.3	N.A	164	134	252	N.A	0.5	2204	62	0.5	2204	62	404	0.6
27/2/25	47.93	7.8	7.5	278	19.5	152	18.5	380	50	0.4	N.A	149	128	268	N.A	0.55	2110	64	0.55	2110	64	390	0.5
28/2/25	47.18	7.9	7.6	252	19	158	19	364	49	0.3	N.A	154	124	254	N.A	0.5	2178	60	0.5	2178	60	396	0.6
TOTAL	1332.79																						
Min.	44.87	7.5	7.3	234	18	148	18	346	48	0.3	N.A	149	124	252	N.A	0.5	2110	60	0.5	2110	60	388	0.5
Max.	49.46	7.9	7.6	288	22	186	20	398	55	0.5	N.A	188	148	306	N.A	0.6	2212	66	0.6	2212	66	412	0.6
Avg.	47.60	7.778571	7.453571	264.3929	19.39286	165.0714	19.125	379.8571	49.875	0.35	N.A	167.5	134.1429	278.8929	N.A	0.544643	2164.75	62.42857	0.544643	2164.75	62.42857	400.3571	0.53

ચીફ એન્જીનીયર,
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GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.: TC-15272/25/0/0000055P			Report Issue Date :28/05/2025
TEST REPORT			
WATER QUALITY TEST REPORT			
Name of Customer	Pooja Construction Co(51 MLD STP Raiya),		
Address of Customer	402, Nakshtra-VII,Bapa Sitaram Chowk, Raiya Road, Rajkot-360005		
Sample ID	ASP-W-R-25-05-55	Sample Collected by	Plant Chemist
Sample Type	Grab	Sample Submitted by	Plant In charge
Sample Collection Date	20/05/2025	Sampling Method	Grab
Receipt Date	20/05/2025	Analysis Method	IS 3025 & APHA
Analysis Start Date	21/05/2025	Sampling Location	Final Out let of STP
Completion Date	27/05/2025	Sampling Time	11=30
Quantity /No. of sample	5 lit	Sample Description	Treated Sewage
Type of Container	Plastic	Packing /Seal	Cap seal

S No	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2017	-	7.41	5.5-9.0
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	12.5	20
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	9.8	10
4	Chemical Oxygen	IS 3025 (Part 58) : 2023	mg/L	29.7	50
5	Oil & Grease	APHA 5520 B:2017	mg/L	1.86	10
6	Total Phosphate	IS 3025 (Part 31/Sec 1) 2022	mg/L	0.85	10
7	Total Kjedahdal Nitrogen	IS 3025 (Part 58) : 2023	mg/L	4.5	10
8	Total Coliform	IS 3025 (Part 58) : 2023	mg/L	22	100

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

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7. Parameters mention with '*' beside them are non-accredited parameters.

	Analysed By	Reviewed & Authorized By
	(D.U. Dave)	(P.J. Vachhani)

---------- End of the Test Report ----------

સીટી એન્જીનીયર,
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TC-15272

GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.: TC-15272/25/0/0000070P			Report Issue Date :25/06/2025

TEST REPORT

WATER QUALITY TEST REPORT

Name of Customer	Pooja Construction Co(51 MLD STP Raiya),		
Address of Customer	402, Nakshtra-VII,Bapa Sitaram Chowk, Raiya Road, Rajkot-360005		
Sample ID	ASP-W-R-25-06-70	Sample Collected by	Plant Chemist
Sample Type	Grab	Sample Submitted by	Plant In charge
Sample Collection Date	18/06/2025	Sampling Method	Grab
Receipt Date	18/06/2025	Analysis Method	IS 3025 & APHA
Analysis Start Date	18/06/2025	Sampling Location	In let of STP
Completion Date	24/05/2025	Sampling Time	13.50
Quantity /No. of sample	5 lit	Sample Description	Untreated Sewage
Type of Container	Plastic	Packing /Seal	Cap seal

S No	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2017	-	7.59	--
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	189.65	--
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	98.5	--
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	265.4	--
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	9.58	--
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	13.52	--
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	6.89	--
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	136	--
9	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	42	--

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

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	Analysed By	Reviewed & Authorized By
	(D.U. Dave)	(P.J. Vachhani)

---------- End of the Test Report ----------

સીટી એન્જીનીયર,
ટ્રેનેજ,
રાજકોટ મહાનગરપાલિકા.

P.J. Vachhani 1003-B, Alpha Plus, Near Raiya Telephone Exchange, Y. A. Tai

TC-15272

GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.: TC-15272/25/0/0000069P			Report Issue Date :25/06/2025
TEST REPORT			
WATER QUALITY TEST REPORT			
Name of Customer	Pooja Construction Co(51 MLD STP Raiya),		
Address of Customer	402, Nakshtra-VII,Bapa Sitaram Chowk, Raiya Road, Rajkot-360005		
Sample ID	ASP-W-R-25-06-69	Sample Collected by	Plant Chemist
Sample Type	Grab	Sample Submitted by	Plant In charge
Sample Collection Date	18/06/2025	Sampling Method	Grab
Receipt Date	18/06/2025	Analysis Method	IS 3025 & APHA
Analysis Start Date	18/06/2025	Sampling Location	Out let of STP
Completion Date	24/05/2025	Sampling Time	11.20
Quantity /No. of sample	5 lit	Sample Description	Treated Sewage
Type of Container	Plastic	Packing /Seal	Cap seal

S No	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2017	-	7.10	5.5-9.0
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	9.45	20
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	8.69	10
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	25.54	50
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	4.25	5
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	6.58	10
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	0.54	1
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	65	100
9	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	26	100
10	Residual Chlorine	IS 3025 (Part 26) : 2021	mg/L	(BDL<1)	0.5

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Analysed By	Reviewed & Authorized By
(D.U. Dave)	(P.J. Vachhani)

---------- End of the Test Report ----------

સીટી એન્જીનીયર,
ડ્રેનેજ,
રાજકોટ મહાનગરપાલિકા.

P.J. Vachhani 1003-B, Alpha Plus, Near Raiya Telephone Exchange, Y. A. Tai

GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.: TC-15272/25/0/0000046P			Report Issue Date :11/04/2025
TEST REPORT			
WATER QUALITY TEST REPORT			
Name of Customer	Pooja Construction Co(51 MLD STP Raiya),		
Address of Customer	402, Nakshtra-VII,Bapa Sitaram Chowk, Raiya Road, Rajkot-360005		
Sample ID	ASP-W-R-25-04-46	Sample Collected by	Plant Chemist
Sample Type	Grab	Sample Submitted by	Plant Incharge
Sample Collection Date	01/04/2025	Sampling Method	Grab
Receipt Date	01/04/2025	Analysis Method	IS 3025 & APHA
Analysis Start Date	02/04/2025	Sampling Location	Final Out let of STP
Completion Date	11/04/2025	Sampling Time	14=30
Quantity /No. of sample	5 lit	Sample Description	Treated Sewage
Type of Container	Plastic	Packing /Seal	Cap seal

S No	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2017	-	.24	5.5-9.0
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	9.86	20
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	10.10	10
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	30.50	50
5	Oil & Grease	APHA 5520 B:2017	mg/L	1.20	10

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Analysed By	Reviewed & Authorized By
(D.U. Dave)	(P.J. Vachhani)

---------- End of the Test Report ----------

AURA SOIL TESTING LABORATORY RAJKOT

સીટી એન્જીનીયર,
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TC-15272
GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.:TC-15272/25/0/00000026F **Report Issue Date: 20/03/2025**

TEST REPORT

WATER QUALITY TEST REPORT

Name of Customer : Pooja Construction Co(51 MLD STP Raiya), 402, Nakshtra-VII,
Address of Customer : Bapa Sitaram Chowk, Raiya Road, Rajkot-360005

Sample ID	: ASP-W-R-25-03-013	Sample Collected by	: Site In-charge
Sample Type	: Grab	Sample Submitted by	: Plant incharge
Sample Collection Date	: 11-03-2025	Sampling Method	: -
Receipt Date	: 11-03-2025	Analysis Method	: IS 3025 & APHA
Analysis Start Date	: 12-03-2025	Sampling Location	: STP Outlet
Completion Date	: 19-03-2025	Sampling Time	: 3:30 PM
Quantity /No. of sample	: 2 L/ 1 No.	Sample Description	: Treated Sewage
Type of Container	: Plastic	Packing /Seal	Cap seal

Sr. No.	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2022	-	7.62	6.5 - 9.0
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	8.0	10
3	Biochemical Oxygen Demand (3 days)	IS 3025 (Part 44) : 2023	mg/L	9.3	10
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	33.3	100
5	Residual Chlorine	IS 3025 (Part 26) : 2021	mg/L	BDL(<0.2)	1

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

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For Aura Solution Providers,

Analysed By

(Dr. D.U. Dave)

Reviewed & Authorized By

(P.J. Vachhani)

---------- End of the Test Report ----------

સીટી એન્જીનીયર,
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TC-15272

GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.:TC-15272/25/0/00000007F **Report Issue Date: 18/02/2025**

TEST REPORT

WATER QUALITY TEST REPORT

Name of Customer : Pooja Construction Co(51 MLD STP Raiya), 402, Nakshtra-VII,
Address of Customer : Bapa Sitaram Chowk, Raiya Road, Rajkot-360005

Sample ID	: ASP-W-R-25-02-001	Sample Collected by	: Site In-charge
Sample Type	: Grab	Sample Submitted by	: Plant incharge
Sample Collection Date	: 12-02-2025	Sampling Method	: -
Receipt Date	: 12-02-2025	Analysis Method	: IS 3025 & APHA
Analysis Start Date	: 12-02-2025	Sampling Location	: STP Outlet
Completion Date	: 18-02-2025	Sampling Time	: 3:30 PM
Quantity /No. of sample	: 2 L/ 1 No.	Sample Description	: Treated Sewage
Type of Container	: Plastic	Packing /Seal	Cap seal

Sr. No.	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2022	-	7.59	6.5 - 9.0
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	8.6	10
3	Biochemical Oxygen Demand (3 days)	IS 3025 (Part 44) : 2023	mg/L	7.6	10
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	22.7	100
5	Residual Chlorine	IS 3025 (Part 26) : 2021	mg/L	BDL(<0.2)	1

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2. The report shall not be reproduced in full or in part and cannot be used as evidence in court of law without written consent/approval of the laboratory division of ASP.
3. The sample will be destroyed after retention time (14 days) unless specified specially.Reanalysis sample will be done, if required within 14 days from the date of report of sample, if the sample are not consumed during analysis.
4. Laboratory Division of ASP strictly maintains confidentiality of all the analysis, test results and customer supplied product/sample and will not reveal this information to the third party unless required for the statutory compliance.
5. The result reported above relate to the sample identified under sample details and for that day only.
6. Specifications based on SPCB norms / provided by party.
7. Parameters mention with '*' beside them are non-accredited parameters.

Analysed By

(Dr. D.U. Dave)

AURA SOLUTION PROVIDERS RAJKOT

For Aura Solution Providers,
Reviewed & Authorized By

(P.J. Vachhani)

---------- End of the Test Report ----------

સીટી એન્જીનીયર,
ડ્રેનેજ,
રાજકોટ મહાનગરપાલિકા.

RAJKOT MUNICIPAL COPRORATION

DRAINAGE PROJECT DEPARTMENT

Project: 56 MLD(SBR Type) Sewage Treatment Plant at Rayadhar
Operation & Maintenance Contractor: Pooja Construction Co.

Sample Analysis Report - Month :- June - 2025

Date	Inlet Sample									Outlet Sample										MLSS-SBR BASIN SAMPLE				SVI - 30 Min SBR BASIN SAMPLE			
	pH	BOD	COD	DO	SS	Chlorides	TDS	Sulphates	Fecal Coliform	pH	BOD	COD	DO	SS	Chlorides	TDS	Sulphates	FRC	Fecal Coliform	Basin -1	Basin-2	Basin-3	Basin-4	Basin -1	Basin-2	Basin-3	Basin-4
1	6.6	132	210	0.2	567	211	438	178		7.5	8	33	7.8	5.1	128	482	671	0.8		3872	4982		2411	61	53		60
2	6.7	155	371	0.3	610	148	541	210		7.2	6	28	4	4	78	382	728	0.7		2581	4910		2532	64	50		56
3	6.6	170	329	0.4	549	218	542	182		7.4	7	29	3.8	6	132	430	632	0.6		3689	4745		2742	63	50		53
4	6.7	132	217	0.3	489	201	548	138		7.6	5	24	3	7	156	382	648	0.8		4127	5248		2478	59	49		56
5	6.6	130	324	0.2	478	158	589	178	10^4	7	8	28	3.5	5	98	438	631	0.7	10^2	3579	4418		2623	65	58		56
6	6.9	148	356	0.3	524	270	577	139		7.3	5	32	2.8	5.8	148	484	678	0.7		3781	4271		2480	63	57		57
7	6.6	135	312	0.3	547	178	510	142		7.5	7.2	30	2	5	78	541	618	0.8		3548	4128		2500	65	58		55
8	6.8	142	318	0.2	548	192	510	162		7.1	6	29	2.6	6.2	92	578	623	0.7		3589	3910		2432	65	57		54
9	6.8	139	258	0.4	432	203	518	178		7.4	8	32	3.5	6	187	432	710	0.6		3410	3648		2578	67	61		58
10	6.5	151	322	0.2	510	210	432	168	10^6	7.2	7	34	2	6.2	127	374	615	0.8	10^2	3672	4310		2589	63	56		56
11	6.7	145	357	0.3	489	148	573	171		7.4	8	39	2.3	6.6	79	432	648	0.6		3428	4415		2381	61	55		59
12	6.6	152	315	0.3	588	159	582	162		7	6.2	40	2	6	82	472	632	0.7		3383	4180			67	57		
13	6.5	130	285	0.4	600	215	565	158		7.3	8	34	2.2	7	96	432	692	0.8		3542	4376			65	56		
14	6.7	132	315	0.3	572	278	581	150		7	7.2	30	2.5	6	157	478	630	0.6		3682	4670			64	54		
15	6.6	138	326	0.4	543	182	542	143	10^6	7.1	6	32	2	7.1	132	468	732	0.8	10^2	3480	4232			69	55		
16	6.8	130	286	0.4	531	157	578	182		7.5	8	38	2.6	6	87	461	648	0.7		3143	4032			73	59		
17	6.7	136	211	0.3	488	185	513	156		7.3	7.1	30	2.3	5.5	91	430	652	0.6		3243	4264			72	56		
18	6.1	132	310	0.4	535	164	543	150		6.9	8	34	2.1	6	83	472	610	0.8		3548	4423			67	56		
19	6.8	138	321	0.3	445	165	548	189		7.2	6	38	2.2	7	72	438	672	0.7		3642	4510			65	55		
20	6.6	130	242	0.4	432	171	529	152	10^6	6.9	7.2	39	2.4	7.2	82	474	641	0.6	10^2	2310	4732			70	53		
21	6.7	142	218	0.3	540	210	559	171		7.2	6	40	2	7	181	482	672	0.8		3823	4811			63	52		
22	6.6	132	252	0.4	563	273	573	192		7.1	7	38	2.3	5.2	172	322	782	0.8		3758	4632			61	51		
23	6.5	132	289	0.3	601	172	543	151		7	7.3	34	2.2	6.8	200	400	738	0.6		3524	4512			66	54		
24	6.7		279	0.4	559	150	489	138		7.3		28	2.8	6.2	73	432	630	0.7		2813	4730			78	52		
25	6.4		315	0.5	577	152	530	150		7.1		32	2.3	6	79	427	642	0.8		2701	4523			80	54		
26	6.6		315	0.3	581	210	543	181		7.2		35	2.5	6.6	142	463	652	0.6		3210	4173			70	57		
27																											
28																											
29																											
30																											
31																											

શ્રીટી એન્જીનીયર,
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Rajkot Municipal Corporation-56 MLD Sewage Treatment Plant At Raiyadhar-Drainage Project Department

EPC Contractor-M/s POOJA CONSTRUCTION COMPANY

Lab Sample Anlysis Record-Month- MAY 2025

		Inlet Sample									Outlet Sample										MLSS-SBR Basin Sample				SV30-SBR Basin Sample			
Date	Pumping	pH	BOD	COD	DO	SS	chlorides	TDS	Sulphates	Fecal Coliform	PH	BOD	COD	DO	SS	FRC	Sulphates	Chlorides	TDS	Fecal Coliform	B-1	B-2	B-3	B-4	B-1	B-2	B-3	B-4
MAY	Name	-	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	MPN	-	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	MPN	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit
1	COMPOSITE	6.7	130	285	0.4	544	245	583	157		7.2	6	30	3.8	3.5	0.6	625	165	432		3852	4265	4223	2019	60	57	62	59
2	COMPOSITE	6.6	132	280	0.2	482	232	543	138		7.4	4.8	33	3	3.1	0.7	731	157	451		3953	4481	4032	2089	58	59	61	56
3	NEW RAIYA	6.8	135	276	0.3	600	243	587	148		7.1	6	36	3.2	4	0.9	668	151	435		3547	4076	4121	2213	62	58.39	58.23	54
4	COMPOSITE	6.6	136	310	0.6	573	287	514	153		7	7	32	3	3	0.9	733	167	482		3510	4172	4571	2281	61	62	49	51
5	COMPOSITE	6.7	130	325	0.4	612	247	573	152	10*6	7.3	5	38	3.6	3.8	0.8	652	157	487	10*2	3328	3602	4881	2178	66	65	51	52
6	NEW RAIYA	6.8	126	372	0.4	574	212	513	142		7.1	6	32	4	3	0.7	671	168	482		3373	4042	3982	1857	65	55	61	49
7	COMPOSITE	6.6	132	342	0.3	592	251	568	157		7.2	8	31	3.6	4	0.6	677	148	138		3559	4833	3437	1380	63	51	64	50.42
8	BAJARANGWADI	6.7	130	315	0.3	522	251	561	141		7.2	7	34	3.1	5	0.9	681	167	438		3412	4073	3098	2632	65	57	68	50
9	COMPOSITE	6.8	128	325	0.5	561	210	578	138		7.3	5	33	3.8	4.3	0.8	731	152	428		3457	4102	3350	2467	67	59	63	51
10	MUNJAKA	6.6	134	246	0.3	572	122	582	143	10*6	7.1	6	28	3.5	4	0.7	668	87	481	10*2	3370	3892	3337	2349	67	61.66	62	55
11	MUNJAKA	6.9	130	373	0.3	578	133	573	153		7.2	8	36	4	3	0.8	653	68	452		3344	3642	3110	2485	66	60	64	56
12	COMPOSITE	6.8	133	320	0.4	543	187	541	173		7.3	7	32	3.1	5	0.6	743	92	478		3233	3903	3198	2762	68	63	66	53
13	COMPOSITE	6.6	136	258	0.3	630	210	589	153		7.4	6	41	3.5	5	0.7	632	117	471		3244	3830	2838	1710	68	63	70	69
14	NEW RAIYA	6.8	145	282	0.4	670	243	571	164		7.3	5	28	3.1	4	0.8	640	118	454		3132	4202	2259	1712	69	58	85	70
15	COMPOSITE	6.7	152	315	0.3	588	230	543	134	10*6	7.1	5	32	3.4	5	0.6	732	152	432	10*2	3282	3714	2554	1710	67	64	78	67
16	COMPOSITE	6.6	130	325	0.4	632	189	586	136		7.3	7	30	3	4	0.9	710	81	438		3695	4190	3128	1844	63	58	70	76
17	MUNJAKA	6.7	134	243	0.3	642	243	630	174		7.5	8	38	3.6	4.1	0.7	643	111	382		4169	4589	2528	1932	58	53	79	70
18	COMPOSITE	6.5	138	315	0.4	543	210	432	182		7.2	6	32	3	4	0.8	658	132	312		4112	4323	2813	2154	56	51	69	61
19	COMPOSITE	6.6	130	211	0.2	533	173	582	158		7	8	30	3.8	3.6	0.6	743	88	432		4244	4569	2903	2323	57	54	72	64
20	BAJARANGWADI	6.8	128	410	0.3	548	128	473	151	10*6	7.6	7	33	3.5	4	0.9	641	78	389	10*2	3798	4837	3067	2063	63	52	70	70
21	COMPOSITE	6.6	138	358	0.2	551	138	543	191		7.5	6	36	4	5	0.6	628	91	471		2433	5024	2041	1541	89	51	97	84
22	BAJARANGWADI	6.8	132	248	0.3	481	282	578	162		7.3	5	30	3.5	4.6	0.8	721	152	378		3982	4623	3274	1752	59	54	64	79
23	NEW RAIYA	6.5	120	315	0.4	538	258	551	172		7	8	25	2.8	5.2	0.7	612	131	430		4080	4466	3446	2000	58	55	63	71
24	MUNJAKA	6.7	135	288	0.3	632	132	541	165		7.1	6	28	3.2	5	0.8	629	71	481		3991	4761	3717	2190	59	52	59	66
25	COMPOSITE	6.8	141	341	0.2	542	148	588	172	10*6	7.5	7	32	3	3	0.8	630	172	432	10*2	3810	4710	4290	2242	63	52	61	67
26	NEW RAIYA	6.7	132	242	0.3	633	231	530	172		7.1	5	38	2.8	4.5	0.6	710	88	310		4132	4510	3789	2231	64	54	59	64
27	COMPOSITE	6.8	139	315	0.2	410	210	511	182		7.3	8	25	3.6	5	0.7	689	121	388		4042	4432		2100	61	53		61
28	COMPOSITE	6.6	142	355	0.4	541	241	432	172		7.2	6	30	3	4	0.6	611	128	413		3711	4472		2133	62	54		65
29	NEW RAIYA	6.7		310	0.3	610	229	544	162		7.5		32	3.6	5	0.8	713	141	378		4513	5208		2056	53	49		66
30	COMPOSITE	6.7		285	0.4	540	210	530	158		7.3		30	3	4	0.6	671	92	412		3804	4616		2244	62	52		62
31	COMPOSITE	6.8		310	0.3	571	241	543	164		7.6		25	2.9	5	0.7	438	132	438		3838	5003		2667	61	49		54
Min.		6.5	120	211	0.2	410	122	432	134		7	4.8	25	2.8	3	0.6	438	68	138		2433	3602	2041	1380	53	49	49	49
Max.		6.9	152	410	0.6	670	287	630	191	10*6	7.6	8	41	4	5.2	0.9	743	172	487	10*2	4513	5208	4881	2762	89	65	97	84
Avg.		6.6967	134.19	309.17	0.34	568.07	208.5	545.4	160.03		7.2688	6.4	32.063	3.3438	4.2	0.7375	663.75	123.44	413.06		3657.6	4365.8	3358.7	2107.5	63.813	56.032813	67.009	62.388

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Rajkot Municipal Corporation-56 MLD Sewage Treatment Plant At Raiyadhar-Drainage Project Department

EPC Contractor-M/s POOJA CONSTRUCTION COMPANY

Lab Sample Anlysis Record-Month- APRIL 2025

		Inlet Sample									Outlet Sample										MLSS-SBR Basin Sample				SV30-SBR Basin Sample			
Date	Pumping	pH	BOD	COD	DO	SS	chlorides	TDS	Sulphates	Fecal Coliform	PH	BOD	COD	DO	SS	FRC	Sulphates	Chlorides	TDS	Fecal Coliform	B-1	B-2	B-3	B-4	B-1	B-2	B-3	B-4
APRIL	Name	-	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	MPN	-	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	MPN	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit
1	COMPOSITE	6.9	135	315	0.3	510	236	536	170		7.4	8	30	2.7	5.6	0.8	715	128	487		3756	3800	4223	3337	48	51	64	51
2	COMPOSITE	6.4	138	341	0.4	723	210	541	164		7.1	9	32	3.3	6	0.7	655	181	457		3792	3816	4156	3285	53	55	60	53
3	BAJARANGWADI	6.8	128	332	0.3	513	241	540	168		7.3	6	28	3.5	5	0.9	689	156	457		3722	3698	4112	3291	54	51	58	54
4	NEW RAIYA	6.7	130	346	0.4	578	285	569	174		7.5	7	32	3.6	6	0.8	699	145	496		3755	3712	4122	3251	52	52	61	50
5	BAJARANGWADI	6.9	125	315	0.2	554	299	579	164	10*6	7.3	8	30	2	6	0.7	681	130	482	10*2	3751	3752	4156	3240	51	57	63	48
6	MUNJAKA	6.6	131	326	0.4	523	244	540	150		7.1	7	1	2.3	5	0.8	610	156	578		5815	3699	4230	3312	55	54	61	50
7	BAJARANGWADI	6.8	130	345	0.3	514	253	543	171		7.3	7	34	3	4.5	0.9	731	182	452		3855	3723	4232	3008	56	55	62	50
8	MUNJAKA	6.7	122	310	0.4	546	225	534	173		7.1	6	32	3.6	5	0.8	672	165	467		3656	3988	3877	3144	53	58	58	51
9	COMPOSITE	6.7	134	336	0.3	510	236	567	180		7.1	8	30	3.4	4	0.9	630	153	561		3710	4018	3826	3291	53	60	57	53
10	COMPOSITE	6.8	128	327	0.4	514	215	566	176	10*6	7.2	7	32	3.6	4.1	0.8	676	155	432	10*2	3751	3867	3781	3251	54	59	55	52
11	COMPOSITE	6.6	136	299	0.3	489	210	543	171		7.5	6	30	3.2	4.5	0.7	647	168	410		3887	4011	3799	3230	55	61	56	53
12	MUNJAKA	6.6	132	332	0.4	532	210	577	168		7.2	8	45	2	3.7	0.9	688	141	530		3815	3989	3752	3015	58	60	56	52
13	MUNJAKA	6.7	131	298	0.3	542	215	547	181		7.3	7	34	3.5	5	0.8	678	152	432		3988	3840	4412	3085	58	58	52	50
14	NEW RAIYA	6.6	125	267	0.4	515	230	510	175		7.3	8	40	2.8	3	0.7	632	167	448		3930	3888	4912	3100	61	57	55	52
15	COMPOSITE	6.8	128	241	0.3	513	231	538	173	10*6	7.1	7	34	3.1	4.5	0.9	651	152	480	10*2	4015	3867	5011	3122	60	59	54	51
16	NEW RAIYA	6.6	133	250	0.2	531	245	541	168		7.5	8	30	3.6	4.6	0.8	730	187	487		4001	3882	4978	3157	59	60	53	51
17	NEW RAIYA	6.7	130	310	0.3	458	243	530	161		7.6	7	36	3.6	4	0.9	660	157	431		4110	3823	4312	3122	58	60	58	50
18	COMPOSITE	6.7	136	319	0.4	533	245	542	168		7.4	9	30	4.2	4.6	0.8	632	168	438		4068	4112	4288	3001	57	58	57.36	51
19	COMPOSITE	6.8	138	325	0.3	522	240	531	157		7.5	8	32	4	5	0.9	676	151	435		4123	4533	4310	2988	59	57	58	51
20	NEW RAIYA	6.6	130	225	0.2	568	242	568	171	10*6	7.1	9	30	3.5	4.5	0.7	610	162	410	10*2	3821	4287	4033	2846	60	58	59	52
21	NEW RAIYA	6.7	136	286	0.3	573	231	571	156		7.1	7	33	3.6	4.3	0.8	635	157	431		3686	3878	4122	2630	61	59	60	53
22	COMPOSITE	6.6	128	311	0.3	587	258	536	173		7.4	9	28	4	3.4	0.9	671	132	468		3611	3910	4181	2478	62	60	58	52
23	BAJARANGWADI	6.7	131	286	0.2	578	249	542	163		7.2	7	30	3.9	3	0.7	656	173	471		3689	4022	4298	2345	61	59	59	54
24	NEW RAIYA	6.6	143	256	0.3	576	273	576	159		7.4	9	28	4	3.2	0.8	678	153	462		3957	4110	4357	2368	59	60	58	55
25	MUNJAKA	6.8	133	278	0.4	491	268	586	144	10*6	7.5	8	34	3.7	3	0.7	661	134	473	10*2	4053	4341	4471	2234	58	57	57	56
26	BAJARANGWADI	6.6	132	289	0.3	488	255	488	150		7.3	7	30	3.9	3.5	0.8	672	141	467		3781	4033	4438	2073	60	59	56	58
27	COMPOSITE	6.6	135	292	0.3	432	233	540	152		7.1	8	34	3.2	3.5	0.7	642	153	455		3842	4143	4488	2122	62	60	58	57
28	NEW RAIYA	6.8	140	315	0.4	471	268	543	171		7.4	6	32	4	3.2	0.9	652	151	482		3981	4310	4610	2091	58	58	57	56
29	COMPOSITE	6.6		326	0.3	552	254	574	152		7.3		35	3.5	3	0.8	668	168	489		3671	4083	4438	2182	61	59	58	58
30	BAJARANGWADI	6.7		310	0.4	582	234	589	162		7.1		32	3.8	3.2	0.7	652	147	453		3582	4112	4281	2112	62	58	59	57
Min.		6.6	122	225	0.2	432	210	488	144		7.1	6	1	2	3	0.7	610	130	410		3582	3698	3752	2073	51	51	52	48
Max.		6.9	143	346	0.4	587	299	589	181	10*6	7.6	9	45	4.2	6	0.9	731	187	578	10*2	5815	4533	5011	3312	62	61	63	58
Avg.		6.6931	131.93	299.69	0.3207	527.28	244.83	549.9	165.1		7.2903	7.5172	30.774	3.4065	4.2355	0.8	663.71	156.58	468.45		3961.8	3989.6	4282.1	2830.9	57.516	57.742	57.689	52.774

ચીફ એન્જીનીયર,
ડ્રેનેજ,
રાજકોટ મહાનગરપાલિકા.

Rajkot Municipal Corporation-56 MLD Sewage Treatment Plant At Raiyadhar-Drainage Project Department

EPC Contractor-M/s POOJA CONSTRUCTION COMPANY

Lab Sample Anlysis Record-Month- MARCH 2025

		Inlet Sample									Outlet Sample										MLSS-SBR Basin Sample				SV30-SBR Basin Sample			
Date	Pumping	pH	BOD	COD	DO	SS	chlorides	TDS	Sulphates	Fecal Coliform	PH	BOD	COD	DO	SS	FRC	Sulphates	Chlorides	TDS	Fecal Coliform	B-1	B-2	B-3	B-4	B-1	B-2	B-3	B-4
MARCH	Name	-	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	MPN	-	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	MPN	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit
1	COMPOSITE	6.6	121	340	0.5	535	241	616	133		7.5	7	32	2.1	5	0.8	710	185	534		5010	4315	3676	3396	53	74	60	51
2	COMPOSITE	6.8	130	325	0.4	610	235	542	160		7.3	8	28	4	3.6	0.9	678	210	491		5124	4200	3517	3200	50	71	63	52
3	NEW RAIYA	6.7	128	342	0.3	540	210	523	142		7.1	7	29	3.6	4.1	0.8	683	198	513		5180	4220	3610	3265	52	81	66	72
4	COMPOSITE	6.6	125	287	0.4	480	198	487	150		7	6	28	4	6	0.9	715	181	510		5051	4282	3545	3168	64	80	64	69
5	COMPOSITE	6.8	131	315	0.2	532	158	457	154	10*6	7.3	8	31	2.8	5	0.6	691	121	488	10*2	5130	4552	3551	3110	53	74	65	68
6	NEW RAIYA	6.6	128	310	0.4	514	168	453	159		7.5	9	38	3	4.5	0.7	710	130	513		5240	4710	3514	3145	63	73	66	67
7	COMPOSITE	6.9	131	282	0.3	468	230	468	171		7.2	8	32	4.1	5	0.8	681	181	488		5013	5122	3451	3267	53	66	66	65
8	BAJARANGWADI	6.7	129	315	0.2	500	235	516	148		7.1	7	41	4.5	4	0.9	681	142	492		5015	5166	3488	3270	54	69	64	66
9	COMPOSITE	6.9	136	310	0.3	512	241	544	160		7.3	9	36	3	5.6	0.8	701	132	513		4988	5110	3352	3200	53	68	68	69
10	MUNJAKA	6.7	142	316	0.4	710	236	488	153	10*6	7.5	6	39	4	6	0.7	716	130	508	10*2	4912	4971	3354	3223	51	67	69	67
11	MUNJAKA	6.9	135	275	0.3	497	196	518	150		7.4	9	29	2.8	5	0.9	710	151	482		4900	5010	3399	3191	53	68	67	66
12	COMPOSITE	6.7	140	321	0.4	510	182	488	162		7.5	7	32	3.2	6	0.8	732	153	513		5023	5118	3402	3182	55	71	65	65
13	COMPOSITE	6.8	146	332	0.2	552	236	510	153		7.3	8	36	4	5	0.9	681	162	432		5530	5110	3402	3110	62	65	81	60
14	NEW RAIYA	6.6	145	315	0.4	567	268	532	165		7.5	9	28	3.2	4.6	0.7	730	154	513		5788	5122	4110	3088	72	69	69	65
15	COMPOSITE	6.7	148	350	0.3	600	210	472	132	10*6	7.1	7	30	3.6	5.6	0.9	712	210	488	10*2	5380	5088	5556	4015	81	72	67	62
16	COMPOSITE	6.5	136	352	0.4	582	215	500	142		7.3	8	32	3.8	6	0.8	632	152	510		6510	5242	6155	3556	89	62	81	61
17	MUNJAKA	6.7	128	355	0.3	518	253	553	165		7.5	7	43	4.3	4.2	0.9	688	142	501		6388	5242	6318	3210	88	64	86	68
18	COMPOSITE	6.6	130	326	0.3	547	226	620	160		7	8	40	2.8	6	0.7	692	185	510		7072	5080	6518	3045	113	72	116	65
19	COMPOSITE	6.7	126	318	0.4	521	210	522	136		7.3	7	34	3	5	0.8	713	178	499		6186	4612	5898	3446	111	70	84	55
20	BAJARANGWADI	6.7	136	308	0.3	515	197	541	145	10*6	7.1	8	35	3.2	5.6	0.9	681	165	530	10*2	5826	4421	5526	3386	112	67	81	54
21	COMPOSITE	6.8	132	326	0.4	618	234	511	140		7.5	9	36	2.8	4.6	0.8	655	181	456		5524	4128	5137	3312	89	65	81	55
22	BAJARANGWADI	6.6	130	327	0.3	500	224	530	155		7.3	8	32	3	4	0.7	630	146	482		5082	3832	4831	3388	79	63	76	54
23	NEW RAIYA	6.8	128	325	0.2	520	229	542	160		7.1	7	33	3.2	5	0.9	681	172	468		4832	3568	4833	3301	75	64	71	50
24	MUNJAKA	6.7	136	320	0.4	533	231	542	164		7.5	9	30	3.8	4.6	0.8	632	168	456		4511	3240	4601	3230	67	64	61	55
25	COMPOSITE	6.6	130	312	0.3	488	236	536	145	10*6	7.3	8	28	4	6.3	0.9	628	159	451	10*2	4123	4212	4810	3188	56	59	71	55
26	NEW RAIYA	6.9	132	295	0.4	489	245	541	161		7.6	7	31	4.1	4	0.7	702	168	432		4089	3842	4768	3210	54	52	70	57
27	COMPOSITE	7.4	134	310	0.2	518	256	555	165		7.9	6	37	2.4	4.8	0.8	628	161	587		4022	4157	4791	3328	53	57	72	57.09
28	COMPOSITE	6.3	139	349	0.3	610	230	519	163		7.1	6	29	3	5	0.9	656	148	567		3912	3899	4722	3556	51	52	72	50
29	NEW RAIYA	6.8	136	326	0.2	500	241	588	156		7.3	7	32	3.2	5.3	0.8	710	129	436		3957	4002	4236	3410	52	55	62	47
30	COMPOSITE	6.7		347	0.3	538	236	540	154		7.1		30	4	5	0.7	689	130	554		3857	4110	4186	3300	54	51	61	45
31	COMPOSITE	6.6		332	0.4	708	241	456	160		7.4		34	3	6	0.9	701	132	432		3988	3898	4281	3457	55	51	63	54
Min.		6.3	125	275	0.2	468	158	453	132		7	6	28	2.4	3.6	0.6	628	121	432		3857	3240	3352	3045	50	51	61	45
Max.		7.4	148	355	0.4	710	268	620	171	10*6	7.9	9	43	4.5	6.3	0.9	732	210	587	10*2	7072	5242	6518	4015	113	81	116	72
Avg.		6.7333	134.36	319.53	0.3167	544.17	222.93	520.07	154.37		7.3219	7.6	33.25	3.4469	5.0406	0.8063	684.34	159.44	494.81		5096.3	4492.1	4460.4	3306.8	68.031	65.438	72.656	59.753

સીટી એન્જીનીયર,
ઝોન,
રાજકોટ મહાનગરપાલિકા.

Rajkot Municipal Corporation-56 MLD Sewage Treatment Plant At Raiyadhar-Drainage Project Department

EPC Contractor-M/s POOJA CONSTRUCTION COMPANY

Lab Sample Anlysis Record-Month- FEB 2025

		Inlet Sample									Outlet Sample										MLSS-SBR Basin Sample				SVI-SBR Basin Sample			
Date	Pumping	pH	BOD	COD	DO	SS	chlorides	TDS	Sulphates	Fecal Coliform	PH	BOD	COD	DO	SS	FRC	Sulphates	Chlorides	TDS	Fecal Coliform	B-1	B-2	B-3	B-4	B-1	B-2	B-3	B-4
FEB	Name	-	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	MPN	-	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	MPN	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit
1	NEW RAIYA	6.7	129	310	0.2	652	233	523	131		7.4	9	32	3.8	5.2	0.7	745	210	515		4529	4751	4185	3375	59	76	64	49
2	COMPOSITE	6.9	140	325	0.4	448	213	488	134		7.3	8	34	3.5	4.5	0.8	765	189	510		4321	4513	4121	3220	61	79	65	50
3	BAJARANGWADI	6.8	142	299	0.3	530	210	455	130		7.1	6	30	3.1	4.8	0.6	733	213	513		4329	4543	4013	3288	62	78	64	51
4	COMPOSITE	6.7	130	282	0.2	426	255	513	128		7.1	8	28	4	4	0.9	678	177	491		4411	4638	4145	3188	61	79	60	48
5	COMPOSITE	6.9	138	315	0.4	460	231	488	132	10*6	7	6.2	31	3	6	0.8	688	162	471	10*2	4218	4639	4046	3199	62	77	63	49
6	NEW RAIYA	6.7	130	345	0.3	465	215	571	141		7.2	7	29	3.5	5	0.6	713	183	522		4202	4730	3982	3211	64	78	63	50
7	COMPOSITE	6.6	139	311	0.4	481	232	544	145		7.6	6.5	22	2	6	0.8	710	152	538		4188	4611	3990	3259	61	80	64	50
8	COMPOSITE	6.8	141	310	0.3	475	215	513	139		7.4	8	36	2.6	5.6	0.7	722	120	488		4234	4688	3992	3288	59	77	64	51
9	COMPOSITE	6.7	150	342	0.2	530	233	438	137		7.3	7	30	3	5.7	0.8	672	162	533		4288	4672	3950	3278	57	76	63	49
10	MUNJAKA	6.9	132	282	0.3	500	242	530	142	10*6	7.5	6	33	2.8	6	0.7	731	168	482	10*2	4328	4655	3882	3291	60	77	63	52
11	BAJARANGWADI	6.7	144	315	0.4	596	233	482	130		7.6	8	36	3	6.7	1.1	813	151	478		4128	4571	4080	3401	62	76	61	51
12	COMPOSITE	6.5	138	399	0.5	618	370	587	122		7.2	7	28	2.6	4	0.8	610	219	536		4015	4416	3908	3318	64	75	63	48
13	COMPOSITE	6.4	153	290	0.2	535	251	600	135		7	5.3	31	2.3	6	1.2	535	178	429		4280	4536	3970	3610	58	78	64	50
14	MUNJAKA	6.4	159	281	0.1	724	230	468	140		7.5	6.2	34	3.7	5.3	1.4	676	185	616		4315	4310	4135	3524	59	73	64	52
15	COMPOSITE	6.7	205	316	0.8	670	316	581	129	10*6	7	8	29	2	7	0.5	735	217	533	10*2	4000	4535	4076	3490	65	80	60	56
16	MUNJAKA	6.8	105	452	0.9	595	336	638	118		7.1	5	36	2.8	3.8	0.6	740	140	480		4218	4519	3915	3287	61	75	65	51
17	BAJARANGWADI	6	176	367	0.3	610	260	536	132		6.9	7	39	3	4	0.8	675	151	481		3967	4400	4027	3261	53	77	61	48
18	COMPOSITE	6.5	136	335	0.7	536	216	610	140		7.2	6	28	3.5	5	1.3	716	178	523		4000	4315	4106	3100	52	76	63	50
19	COMPOSITE	6.6	191	413	0.5	642	196	542	160		7.5	5	24	1.6	3	0.8	735	155	610		5700	4710	3409	3650	68	81	69	49
20	NEW RAIYA	6.9	136	362	0.3	306	135	462	164	10*6	7.8	6	27	2.5	6.5	0.9	740	142	518	10*2	5600	4435	3710	3345	72	79	72	54
21	COMPOSITE	6.7	204	340	0.2	420	191	532	152		7.7	7	34	1.3	4	1.1	676	160	479		5416	4610	3836	3590	70	82	75	53
22	BAJARANGWADI	6.6	153	416	0.4	500	129	460	145		7.2	5	29	2.6	3	1.3	722	171	516		5435	4500	3500	3415	71	80	72	50
23	NEW RAIYA	6.4	151	341	0.3	723	195	535	162		7.5	5.2	31	2.5	5	0.7	711	150	612		5310	4415	3401	3300	62	71	62	42
24	MUNJAKA	6.3	152	450	0.3	640	136	460	166		7.7	6	35	1.4	3.2	0.6	742	140	531		5302	4336	3430	3216	60	80	63	49
25	COMPOSITE	6.2	148	331	0.2	599	190	615	159		7..6	6.4	23	1.3	5	1.2	635	151	615		5216	4237	3300	3200	57	77	60	50
26	COMPOSITE	6.5		454	0.8	640	205	580	150		7.5		28	2.4	4	1.3	730	139	550		5200	4218	3317	3126	55	82	61	52
27	COMPOSITE	6.7		371	0.5	530	215	565	130		7.6		32	2.6	4.8	0.9	732	152	440		4982	4328	3370	3162	65	84	62	54
28	COMPOSITE	6.3		380	0.7	548	194	580	164		7.4		30	1.6	4.3	0.7	680	166	548		5184	4280	3510	3310	54	76	64	52
MIN.		6	105	281	0.1	306	129	438	118		6.9	5	22	1.3	3	0.5	535	120	429		3967	4218	3300	3100	52	71	60	42
Max.		6.9	205	454	0.9	724	370	638	166	10*6	7.8	8	39	4	7	1.4	813	219	616	10*2	5700	4730	4145	3650	72	84	75	56
AVE.		6.5704	150.88	353.15	0.4148	548.11	226.67	537.26	142.44		7.3429	6.4923	30.621	2.6034	4.9034	0.8897	702.17	165.86	520.28		4636.3	4493.4	3812.6	3319.9	61.345	77.862	64.31	50.31

સીટી એન્જીનીયર,
ડ્રેનેજ,
રાજકોટ મહાનગરપાલિકા.

TC-15272

GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.: TC-15272/25/0/0000072P			Report Issue Date :28/06/2025
TEST REPORT			
WATER QUALITY TEST REPORT			
Name of Customer	Pooja Construction Co(56 MLD STP Raiya),		
Address of Customer	402, Nakshtra-VII,Bapa Sitaram Chowk, Raiya Road, Rajkot-360005		
Sample ID	ASP-W-R-25-06-72	Sample Collected by	Plant Chemist
Sample Type	Grab	Sample Submitted by	Plant In charge
Sample Collection Date	21/06/2025	Sampling Method	Grab
Receipt Date	21/06/2025	Analysis Method	IS 3025 & APHA
Analysis Start Date	21/06/2025	Sampling Location	Out let of STP
Completion Date	28/06/2025	Sampling Time	14.00
Quantity /No. of sample	5 lit	Sample Description	Treated Sewage
Type of Container	Plastic	Packing /Seal	Cap seal

S No	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2017	-	7.25	5.5-9.0
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	18.24	20
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	8.56	10
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	25.90	50
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	3.24	5
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	4.56	10
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	0.41	1
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	89	100
9	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	25	100
10	Residual Chlorine	IS 3025 (Part 26) : 2021	mg/L	(BDL<1)	0.5

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

Notes:

1. These results related to the sample tested and applicable parameter only.
2. The report shall not be reproduced in full or in part and cannot be used as evidence in court of law without written consent/approval of the laboratory division of ASP.
3. The sample will be destroyed after retention time (14 days) unless specified specially. Reanalysis sample will be done, if required within 14 days from the date of report of sample, if the sample are not consumed during analysis.
4. Laboratory Division of ASP strictly maintains confidentiality of all the analysis, test results and customer supplied product/sample and will not reveal this information to the third party unless required for the statutory compliance.
5. The result reported above relate to the sample identified under sample details and for that day only.
6. Specifications based on SPCB norms / provided by party.
7. Parameters mention with '*' beside them are non-accredited parameters.

	Analysed By	Reviewed & Authorized By
	(D.U. Dave)	(P.J. Vachhani)

---------- End of the Test Report ----------

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ડ્રેનેજ,
રાજકોટ મહાનગરપાલિકા.

P.J. Vachhani 1003-B, Alpha Plus, Near Raiya Telephone Exchange, Y. A. Tai

TC-15272

GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.: TC-15272/25/0/0000072P			Report Issue Date :28/05/2025
TEST REPORT			
WATER QUALITY TEST REPORT			
Name of Customer	Pooja Construction Co(56 MLD STP Raiya),		
Address of Customer	402, Nakshtra-VII,Bapa Sitaram Chowk, Raiya Road, Rajkot-360005		
Sample ID	ASP-W-R-25-06-72	Sample Collected by	Plant Chemist
Sample Type	Grab	Sample Submitted	Plant In charge
Sample Collection Date	21/06/2025	Sampling Method	Grab
Receipt Date	21/06/2025	Analysis Method	IS 3025 & APHA
Analysis Start Date	21/06/2025	Sampling Location	Inlet of STP
Completion Date	28/06/2025	Sampling Time	14.10
Quantity /No. of sample	5 lit	Sample Description	Untreated Sewage
Type of Container	Plastic	Packing /Seal	Cap seal

S No	Parameter	Test Method	Unit	Result	Specificatio
1	pH	IS 3025 (Part 11):	-	7.59	
2	Total Suspended Solids	IS 3025 (Part 17) :	mg/L	136.5	
3	Biochemical Oxygen	IS 3025 (Part 44) :	mg/L	98.6	
4	Chemical Oxygen	IS 3025 (Part 58) :	mg/L	259.4	
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	12.5	
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	6.89	
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	4.50	
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	112	
9	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	29	
10	Residual Chlorine	IS 3025 (Part 26) :	mg/L	(BDL<1)	

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

Notes:

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3. The sample will be destroyed after retention time (14 days) unless specified specially. Reanalysis sample will be done, if required within 14 days from the date of report of sample, if the sample are not consumed during analysis.
4. Laboratory Division of ASP strictly maintains confidentiality of all the analysis, test results and customer supplied product/sample and will not reveal this information to the third party unless required for the statutory compliance.
5. The result reported above relate to the sample identified under sample details and for that day only.
6. Specifications based on SPCB norms / provided by party.
7. Parameters mention with '*' beside them are non-accredited parameters.

	Analysed By	Reviewed & Authorized By
	(D.U. Dave)	(P.J. Vachhani)

---------- End of the Test Report ----------

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પ્રેસ,
રાજકોટ મહાનગરપાલિકા.

P.J. Vachhani 1003-B, Alpha Plus, Near Raiya Telephone Exchange, Y. A. Tai

GPCB RECOGNISED SCHEDULE II AUDITORS

AURA
SOLUTION PROVIDERS
Environmental Advisers

ULR No.: TC-15272/25/0/0000057P			Report Issue Date :28/05/2025
TEST REPORT			
WATER QUALITY TEST REPORT			
Name of Customer	Pooja Construction Co(56 MLD STP Raiya),		
Address of Customer	402, Nakshtra-VII,Bapa Sitaram Chowk, Raiya Road, Rajkot-360005		
Sample ID	ASP-W-R-25-05-57	Sample Collected by	Plant Chemist
Sample Type	Grab	Sample Submitted by	Plant In charge
Sample Collection Date	17/05/2025	Sampling Method	Grab
Receipt Date	17/05/2025	Analysis Method	IS 3025 & APHA
Analysis Start Date	17/05/2025	Sampling Location	Out let of STP
Completion Date	27/05/2025	Sampling Time	11.40
Quantity /No. of sample	5 lit	Sample Description	Treated Sewage
Type of Container	Plastic	Packing /Seal	Cap seal

S No	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2017	-	7.15	6.5-9.0
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	12.6	10
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	8.94	10
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	24.6	100
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	3.69	5
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	5.84	10
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	0.59	1
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	49	100
9	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	15	100
10	Residual Chlorine	IS 3025 (Part 26) : 2021	mg/L	(BDL<1)	1

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

Notes:

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3. The sample will be destroyed after retention time (14 days) unless specified specially. Reanalysis sample will be done, if required within 14 days from the date of report of sample, if the sample are not consumed during analysis.
4. Laboratory Division of ASP strictly maintains confidentiality of all the analysis, test results and customer supplied product/sample and will not reveal this information to the third party unless required for the statutory compliance.
5. The result reported above relate to the sample identified under sample details and for that day only.
6. Specifications based on SPCB norms / provided by party.
7. Parameters mention with '*' beside them are non-accredited parameters.

Analysed By	Reviewed & Authorized By
(D.U. Dave)	(P.J. Vachhani)

---------- End of the Test Report ----------

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AURA
SOLUTION PROVIDERS
Environmental Advisers

GPCB RECOGNISED SCHEDULE II AUDITORS

ULR No.: TC-15272/25/0/0000056P			Report Issue Date :28/05/2025
TEST REPORT			
WATER QUALITY TEST REPORT			
Name of Customer	Pooja Construction Co(56 MLD STP Raiya),		
Address of Customer	402, Nakshtra-VII,Bapa Sitaram Chowk, Raiya Road, Rajkot-360005		
Sample ID	ASP-W-R-25-05-56	Sample Collected by	Plant Chemist
Sample Type	Grab	Sample Submitted by	Plant In charge
Sample Collection Date	17/05/2025	Sampling Method	Grab
Receipt Date	17/05/2025	Analysis Method	IS 3025 & APHA
Analysis Start Date	17/05/2025	Sampling Location	Inlet of STP
Completion Date	27/05/2025	Sampling Time	10.30
Quantity /No. of sample	5 lit	Sample Description	Untreated Sewage
Type of Container	Plastic	Packing /Seal	Cap seal

S No	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2017	-	8.12	--
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	368.5	--
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	93.4	--
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	283.2	--
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	15.9	--
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	34.5	--
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	25.6	--
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	110	--
9	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	64	--
10	Oil & Grease	APHA 5520 B:2017	mg/L	12.8	

[**ADL** -Above Detection Limit, **BDL** - Below Detection Limit]

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	Analysed By	Reviewed & Authorized By
	(D.U. Dave)	(P.J. Vachhani)

---------- End of the Test Report ----------

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