



3265

GPCB RECOGNISED SCHEDULE II AUDITORS

ULR No.:TC-15272/25/0/00000013F

Report Issue Date :01/03/2025

TEST REPORT

WATER QUALITY TEST REPORT

Name of Customer : Pooja Construction Co(56 MLD STP Raiyadhar), 402, Nakshtra-VII,
Address of Customer : Bapa Sitaram Chowk, Raiya Road, Rajkot-360005

Sample ID	ASP-W-R-25-02-006	Sample Collected by	Site In-charge
Sample Type	Grab	Sample Submitted by	Plant incharge
Sample Collection Date	24-02-2025	Sampling Method	-
Receipt Date	24-02-2025	Analysis Method	IS 3025 & APHA
Analysis Start Date	24-02-2025	Sampling Location	STP Outlet
Completion Date	01-03-2025	Sampling Time	3:20 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	-	7.41	6.5 - 9.0
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	8.7	10
3	Biochemical Oxygen Demand (3 days)	IS 3025 (Part 44) : 2023	mg/L	8.1	10
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	25.5	100
5	Residual Chlorine	IS 3025 (Part 26) : 2021	mg/L	BDL(<0.2)	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.

Analysed By

(Dr.D.U. Dave)

For Aura Solution Providers,
Reviewed & Authorized By

(P.J. Vachhani)

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

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સીટી એન્ડ નીયર,
રેનર,
રાજકોટ મહાનગરપાલિકા.



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GPCB RECOGNISED SCHEDULE II AUDITORS

ULR No.:TC-15272/25/0/00000023P

Report Issue Date :18/03/2025

TEST REPORT

WATER QUALITY TEST REPORT

Name of Customer : Pooja Construction Co(56 MLD STP Raiyadhar), 402, Nakshtra-VII,
Address of Customer : Bapa Sitaram Chowk, Raiya Road, Rajkot-360005

Sample ID	ASP-W-R-25-03-009	Sample Collected by	Site In-charge
Sample Type	: Grab	Sample Submitted by	: Plant incharge
Sample Collection Date	: 10-03-2025	Sampling Method	: -
Receipt Date	: 10-03-2025	Analysis Method	: IS 3025 & APHA
Analysis Start Date	: 10-03-2025	Sampling Location	: STP Outlet
Completion Date	: 17-03-2025	Sampling Time	: 12:30 PM
Quantity /No. of sample	: 2 L/ 1 No.	Sample Description	: Treated effluent
Type of Container	: Plastic	Packing /Seal	Cap seal

Sr. No.	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2017	-	7.27	6.5-9.0
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	13.5	10
3	Biochemical Oxygen Demand (3 days)	IS 3025 (Part 44) : 2023	mg/L	9.4	10
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	30.8	100
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	4.5	5
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	6.0	10
7	Phosphate	IS 3025 (Part 31), 2003	mg/L	2.96	1
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	39	100
9	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	14	100
10	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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7. Parameters mention with '*' beside them are non-accredited parameters.

Analysed By

(D.U. Dave)

For Aura Solution Providers,
Reviewed & Authorized By

(P.J. Vachhani)

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

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રૂંચ, રાજકોટ મહાનગરપાલિકા.



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GPCB RECOGNISED SCHEDULE II AUDITORS

ULR No.:TC-15272/25/0/00000022P

Report Issue Date :18/03/2025

TEST REPORT

WATER QUALITY TEST REPORT

Name of Customer : Pooja Construction Co(56 MLD STP Raiyadhar), 402, Nakshtra-VII,
Address of Customer : Bapa Sitaram Chowk, Raiya Road, Rajkot-360005

Sample ID	ASP-W-R-25-03-010	Sample Collected by	Site In-charge
Sample Type	: Grab	Sample Submitted by	: Plant incharge
Sample Collection Date	: 10-03-2025	Sampling Method	: -
Receipt Date	: 10-03-2025	Analysis Method	: IS 3025 & APHA
Analysis Start Date	: 10-03-2025	Sampling Location	: STP Inlet
Completion Date	: 17-03-2025	Sampling Time	: 12:30 PM
Quantity /No. of sample	: 2 L/ 1 No.	Sample Description	: Unreated effluent
Type of Container	: Plastic	Packing /Seal	Cap seal

Sr. No.	Parameter	Test Method	Unit	Result	Specification
1	pH	IS 3025 (Part 11): 2022	-	7.82	-
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	535.0	-
3	Biochemical Oxygen Demand (3 days)	IS 3025 (Part 44) : 2023	mg/L	128	-
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	400	-
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	25	-
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	40	-
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	34.18	-
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	140	-
9	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	79	-
10	Oil and Grease	APHA 5520 B:2017	mg/L	62.5	-

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

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Analysed By

(D.U. Dave)

For Aura Solution Providers,
Reviewed & Authorized By

(P.J. Vachhani)

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

Page No : 1 of 1

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રેનેજ,
રાજકોટ મહાનગરપાલિકા.

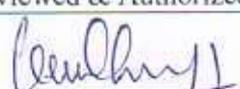


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GPCB RECOGNISED SCHEDULE II AUDITORS

ULR No.: TC-15272/25/0/0000049P			Report Issue Date :25/04/2025		
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-25-04-49	Sample Collected by	Plant Chemist		
Sample Type	Grab	Sample Submitted by	Plant In charge		
Sample Collection Date	17/04/2025	Sampling Method	Grab		
Receipt Date	17/04/2025	Analysis Method	IS 3025 & APHA		
Analysis Start Date	17/04/2025	Sampling Location	Inlet of STP		
Completion Date	25/04/2025	Sampling Time	11.30		
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	-	6.90	--
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	490.56	--
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	126.68	--
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	401.64	--
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	17.5	--
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	19.4	--
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	16.5	--
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	125	--
9	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	0	--
[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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રજકોટ મહાનગરપાલિકા.

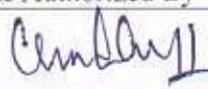


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GPCB RECOGNISED SCHEDULE II AUDITORS

ULR No.: TC-15272/25/0/0000050P				Report Issue Date :25/04/2025	
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-25-04-50	Sample Collected by	Plant Chemist		
Sample Type	Grab	Sample Submitted by	Plant In charge		
Sample Collection Date	17/04/2025	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	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	-	7.12	5.5-9.0
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	10.05	20
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	11.20	10
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	28.60	50
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	3.20	5
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	4.12	10
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	0.48	1
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	68	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]					
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Analysed By			Reviewed & Authorized By		
					
(D.U. Dave)			(P.J. Vachhani)		

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

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શ્રી પી.એચ. વાચ્છાણી,
રૂઢેજ,
રાજકોટ મહાનગરપાલિકા.

Rajkot Municipal Corporation Drainage Project

Location:- Gavridadad 70 MLD STP

Contractor:-M/s Micron Laser Welding Technology .

Lab Sample Analysis Record

Month:- MAY- 2025

Date	Inlet Sample										Treated Sewage										M.L.S.S						S.V.I						Water Q.	
	PH	BOD	COD	TDS	SS	Phos.	Oil & Greas	Chloride	Fecal coliform	Alkalanity	PH	BOD	COD	TDS	SS	Phos.	Chloride	Fecal Coliform	Alkalanity	R.F.C.	SBR-1	SBR-2	SBR-3	SBR-4	SBR-5	SBR-6	SBR-1	SBR-2	SBR-3	SBR-4	SBR-5	SBR-6	Inlet	Outlet
	6.5-8.0	<=325	<=650		<=550	<=6			<=10*6		6.5-7.5	<=10	<=100		<=10	<=2		<=10*2		0.5-1	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	m ³	m ³
1	7.5	256	489	475	408	5.6	5.9	310		480	7.41	6	75	433	5	1.21	170		290	0.85	3185	3214	-	-	2853	3451	85	98	-	-	69	112	38964 m ³	39013 m ³
2	7.47	282	442	489	475	5	5.6	330		430	7.36	9	60	446	8	0.98	180		250	0.73	3012	2948	-	-	3184	3244	78	70	-	-	88	94	45680 m ³	46802 m ³
3	7.21	294	478	494	436	5.9	5.3	290		450	7.48	9	70	471	7	1.49	150		220	0.94	3244	3185	-	-	3392	3040	92	88	-	-	105	80	44395 m ³	43707 m ³
4	7.38	265	465	485	412	5.3	6.1	320		420	7.12	7	64	461	6	1.11	170		200	0.65	3378	2952	-	-	3031	3348	105	68	-	-	75	101	37089 m ³	38535 m ³
5	7.51	278	489	498	402	4.8	6.9	350		460	7.38	8	78	473	5	0.83	190		240	0.58	3482	3118	-	-	3285	2914	118	79	-	-	94	63	41585 m ³	41804 m ³
6	7.58	245	471	476	489	5.6	5.3	300		410	7.32	5	72	449	9	1.28	150		190	0.83	3258	3348	-	-	2956	3125	98	104	-	-	69	84	37633 m ³	38799 m ³
7	7.31	284	491	488	470	5.9	6.1	320	<=10*6	470	7.48	8	76	457	8	1.47	180	<=10*2	240	0.94	3689	3515	-	-	3118	2754	120	115	-	-	88	58	43366 m ³	43470 m ³
8	6.85	293	470	468	492	5.1	6.8	340		450	7.12	9	68	436	9	1.05	200		210	0.63	3315	3181	-	-	3009	3248	108	90	-	-	74	98	36922 m ³	34469 m ³
9	7.12	283	477	490	483	5.3	6.3	320		480	7.35	8	73	458	8	1.19	190		240	0.54	3538	2998	-	-	3184	3376	124	83	-	-	82	108	31017 m ³	31801 m ³
10	7.28	256	452	483	451	4.9	5.4	310		410	7.46	5	60	448	6	0.94	170		190	0.78	3290	2756	-	-	3292	3105	101	69	-	-	98	92	32422 m ³	31424 m ³
11	7.12	294	473	490	489	5.6	5.9	340		470	7.38	9	65	468	9	1.23	190		230	0.83	3368	3118	-	-	3492	3256	118	101	-	-	128	99	37258 m ³	38098 m ³
12	7.39	289	492	475	452	5	5.1	320		450	7.15	8	84	452	5	0.99	180		220	0.53	3542	3372	-	-	3308	3078	138	121	-	-	113	88	34842 m ³	37162 m ³
13	7.52	278	465	489	470	5.2	5.4	350		480	7.25	8	60	463	8	1.13	210		250	0.65	3289	3208	-	-	3052	2834	111	114	-	-	93	73	18735 m ³	19200 m ³
14	7.23	293	473	498	402	5.8	5.8	340	<=10*6	430	7.38	9	68	473	5	1.39	200	<=10*2	210	0.74	3315	3143	-	-	3349	3051	105	101	-	-	123	95	27294 m ³	28887 m ³
15	7.49	283	452	492	456	5.4	6.9	370		410	7.32	7	56	480	8	1.28	240		180	0.92	3348	2985	-	-	3218	3376	128	88	-	-	113	133	31343 m ³	30432 m ³
16	7.32	298	465	498	430	5.9	5.2	330		450	7.14	8	60	482	5	1.48	190		230	0.81	3570	3025	-	-	3035	3085	135	60	-	-	98	105	31171 m ³	32152 m ³
17	7.22	305	489	473	428	5.3	6.8	340		400	7.38	9	83	451	5	1.05	200		180	0.83	3648	2856	-	-	3182	3219	143	73	-	-	108	114	27271 m ³	27441 m ³
18	7.1	281	494	492	414	5.1	5.3	390		420	7.29	5	78	473	8	0.98	240		190	0.92	3344	3114	-	-	2918	3098	125	96	-	-	114	114	30658 m ³	30616 m ³
19	6.89	270	456	465	456	5.5	6.5	300		480	7.18	5	53	441	7	1.23	180		240	0.63	3412	2911	-	-	3395	3489	133	80	-	-	118	123	26027 m ³	27925 m ³
20	6.98	283	489	490	483	5.9	6.2	320		450	7.23	8	76	468	8	1.46	190		230	0.84	3573	3183	-	-	3693	2918	139	98	-	-	141	99	29043 m ³	29772 m ³
21	7.03	245	498	498	441	5.6	5.8	330	<=10*6	430	7.38	6	83	476	5	1.31	200	<=10*2	200	0.78	3312	3443	-	-	3274	3180	126	123	-	-	105	108	31939 m ³	31294 m ³
22	6.83	279	476	479	438	5.3	5.1	340		400	7.29	8	78	442	5	1.18	210		180	0.92	2985	3125	-	-	3056	2889	89	101	-	-	94	81	28555 m ³	31313 m ³
23	7.19	298	425	448	456	4.8	6.3	350		450	7.39	9	68	408	7	0.83	210		220	0.58	3143	2942	-	-	3348	3012	98	92	-	-	119	98	24801 m ³	24504 m ³
24	7.39	284	468	469	402	5.1	6.8	290		420	7.21	7	72	431	5	1.11	170		200	0.64	3315	2713	-	-	3590	3485	121	78	-	-	131	123	25669 m ³	26845 m ³
25	7.03	256	512	488	438	5.9	6.4	310		390	7.28	5	83	451	6	1.48	190		170	0.83	3652	2856	-	-	3285	3144	143	85	-	-	108	103	26027 m ³	28346 m ³
26	6.83	248	493	472	448	5.3	6.8	280		400	7.18	8	78	439	7	1.18	160		170	0.76	3463	3184	-	-	3498	3324	128	98	-	-	129	129	22242 m ³	24734 m ³
27	6.94	293	484	493	476	5	5.9	340		440	7.23	9	75	448	9	0.98	200		190	0.92	3298	2946	-	-	3144	3234	112	92	-	-	123	120	24323 m ³	26169 m ³
28	6.88	276	491	478	454	5.6	6.3	320	<=10*6	410	7.28	5	79	442	8	1.36	190	<=10*2	180	0.88	3319	2783	-	-	2912	3019	119	82	-	-	99	101	23199 m ³	23245 m ³
29	7.15	289	482	465	478	5.8	6.8	310		450	7.31	8	70	412	9	1.41	170		230	0.72	3082	2994	-	-	3145	3276	99	91	-	-	109	117	23258 m ³	25810 m ³
30	7.42	292	465	489	436	5.2	6.2	340		420	7.33	7	60	439	7	1.18	210		210	0.68	2912	3185	-	-	2854	3315	93	106	-	-	80	126	21482 m ³	21317 m ³
Min.	6.83	245	425	448	402	4.8	5.1	280	<=10*6	390	7.12	5	53	408	5	0.83	150	<=10*2	170	0.53	2912	2615	0	0	2853	2754	78	60	0	0	69	58	0	0
Max.	7.58	305	512	498	492	5.9	6.9	390	<=10*6	480	7.48	9	84	482	9	1.49	240	<=10*2	290	0.94	3689	3515	0	0	3693	3489	143	123	0	0	141	133	0	0
Avg.	7.205	275	468.5	473	447	5.35	6	335	<=10*6	435	7.3	7	68.5	445	7	1.16	195	<=10*2	230	0.735	3301	3065	0	0	3273	3121.5	110.5	91.5	0	0	105	95.5	0	0

Signature

Micron Laser Welding Technology .

Checked By

Rajkot Municipal Corporation

(Signature)
શ્રી મેન્ડીયર,
રજકોટ મહાનગરપાલિકા.

Rajkot Municipal Corporation Drainage Project																				Contractor:-M/s Micron Laser Welding Technology														
Lab Sample Analysis Record																																		
Location:- Gavridadad 70 MLD STP																																		
Month:- April-2025																																		
Date	Inlet Sample										Treated Sewage										M.L.S.S						S.V.I				Water Q.			
	PH	BOD	COD	TDS	SS	Phos.	Oil & Greas	Chloride	Fecal coliform	Alkanility	PH	BOD	COD	TDS	SS	Phos.	Chloride	Fecal Coliform	Alkanility	R.F.C.	SBR-1	SBR-2	SBR-3	SBR-4	SBR-5	SBR-6	SBR-1	SBR-2	SBR-3	SBR-4	SBR-5	SBR-6	Inlet	Outlet
6.5-8.5	<=325	<=650		<=550	<=6			<=10*6		6.5-8.0	<=10	<=50	<=20	<=2			<=10*2		0.5-1	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	mg/lit	ml/g	ml/g	ml/g	ml/g	ml/g	ml/g	MLD	MLD	
1	6.54	165	402	589	380	4.8	1.8	320		420	7.05	8	71	541	8	0.89	260		300	0.83	3319	2985	3935			4564	65	58			49	39	11.011	15.039
2	6.81	175	438	578	358	5	2	300		470	7.09	7	78	530	5	0.98	230		360	0.83	3589	2714	3989			4271	73	51			51	63	18.642	18.051
3	7.5	184	452	602	382	5.5	1.9	280		390	7.05	5	82	567	9	1.21	210		270	0.92	3256	2884	3972			3756	61	56			59	73	19.671	19.372
4	7.01	175	436	618	330	4.9	1.6	310		450	7.04	6	65	571	5	0.92	230		340	0.73	2985	3093	3784			3918	56	68			68	70	20.75	21.665
5	6.98	192	489	599	349	5.3	1.8	340		480	7.2	6	89	548	6	1.13	270		350	0.64	3642	3248	3675			3531	78	73			82	62	21.463	23.125
6	6.91	158	465	584	335	5.9	1.7	290	<=10*6	470	7.35	7	76	551	7	1.46	220	<=10*2	340	0.53	3452	2981	3683			3293	72	57			88	65	12.067	11.418
7	7.12	174	487	578	389	5.7	2	310		430	7.41	9	87	538	9	1.36	240		310	0.58	3211	3184	3597			2942	69	66			93	60	12.981	13.373
8	7.18	156	497	573	334	5.4	1.9	330		460	7.46	6	91	533	5	1.28	250		320	0.69	3015	3348	3248			3179	64	78			82	51	16.139	15.497
9	7.05	182	413	589	345	5.8	2	390		410	7.31	9	61	539	7	1.41	280		280	0.74	2918	3512	3240			3243	55	82			74	53	24.134	24.982
10	7.05	173	445	593	369	5.2	1.8	340		400	7.37	8	68	546	8	1.08	250		290	0.82	2715	3184	3310			3371	50	71			60	49	21.057	20.976
11	7.01	185	473	582	303	5	1.7	290		480	7.3	8	73	541	5	1.01	180		380	0.78	2589	2992	3242			3522	44	59					19.912	20.351
12	6.85	192	485	564	338	5.6	1.6	270		470	7.05	9	79	524	8	1.21	170		360	0.89	2614	2748	2712			3534	48	53					27.056	27.255
13	6.91	173	418	555	348	5.9	1.9	260	<=10*6	440	7.18	7	60	510	7	1.47	190	<=10*2	350	0.55	2789	2864	2947			3557	52	56					17.611	17.875
14	6.99	182	439	576	351	5.5	2	300		480	7.22	7	67	536	9	1.23	210		390	0.67	2568	2992	3184			3593	40	61					20.466	20.539
15	6.9	168	445	589	312	5.4	1.8	330		420	7.2	5	69	547	5	1.2	240		300	0.98	2697	3015	3348			3628	46	66					20.241	20.415
16	7.04	193	463	567	389	5	1.9	320		450	7.29	9	74	529	9	1.17	250		340	0.83	2412	3389	3564			3654	39	79					26.559	26.527
17	7.19	189	482	585	301	5.1	1.6	28		400	7.43	8	79	533	6	1.08	200		280	0.74	2548	3275	3678			3662	42	75					30.2243	30.389
18	7.15	157	498	598	289	5.6	1.9	290		380	7.4	7	83	561	5	1.29	220		270	0.8	2744	3146	3841			3683	47	69					24.244	23.788
19	7.1	142	425	571	298	5	1.7	350		370	7.35	5	58	521	5	0.99	280		250	0.7	2853	2718	3552			3698	53	51					24.438	24.621
20	7.17	165	486	560	329	4.8	2	310	<=10*6	390	7.42	6	77	525	7	0.88	230	<=10*2	290	0.62	2967	2903	3485			3724	58	58					24.871	24.719
21	6.8	183	420	521	249	5.6	1.8	280		370	7.19	9	61	491	5	1.28	180		250	0.83	3185	3092	3052			3752	68	62					20.747	20.861
22	7.03	148	438	519	237	4.5	1.6	320		350	7.23	7	68	483	7	0.96	240		240	0.91	3244	3148	3021			3785	73	66					21.384	19.641
23	6.98	172	426	536	285	5.1	2	260		380	7.11	9	66	501	8	1.09	170		270	0.68	3015	2985	2541			3486	60	53					20.215	20.404
24	6.85	185	452	501	219	5.7	1.9	300		400	7.14	9	72	456	6	1.33	220		320	0.73	2841	3064	3654			3536	56	58					16.767	17.705
25	7.14	148	420	490	245	5.5	1.8	280		420	7.4	5	60	431	9	1.27	200		350	0.83	2642	2889	2351			3557	50	52					18.942	20.344
26	7.03	156	485	485	219	4.9	1.6	260		390	7.31	6	83	425	8	0.89	160		310	0.95	2983	2612	3564			3542	63	50					11.962	12.365
27	6.9	178	438	512	203	5.2	2	290	<=10*6	360	7.15	8	56	450	6	1.11	180	<=10*2	290	0.78	3118	2583	3024			3683	72	45					14.349	14.434
28	6.85	164	438	472	185	5	1.9	270		380	7.12	7	51	431	5	1.01	170		300	0.63	3315	2764	3021			3728	78	53					16.169	16.402
29	7	128	490	498	192	5.6	1.7	280		400	7.38	5	88	418	7	1.23	170		330	0.81	2814	2987	2546			3735	66	69					9.496	9.841
30	6.93	165	441	481	178	5.9	1.5	310		370	7.19	7	71	421	6	1.48	190		280	0.56	2598	3014	4561			3758	49	79					20.581	21.879
Min.	6.54	128	402	472	178	4.8	1.5	28	<=10*6	350	7.04	5	51	418	5	0.88	160	<=10*2	240	0.53	2412	2583	2351	0	0	2942	39	45	0	0	49	39	9.496	9.841
Max.	7.5	194	498	618	389	5.9	2	390	<=10*6	480	7.46	9	91	571	9	1.48	280	<=10*2	390	0.98	3642	3512	4561	0	0	4564	78	82	0	0	93	73	30.2243	30.389
Avg.	7.02	161	450	545	283.5	5.35	1.75	209	<=10*6	415	7.25	7	71	494.5	7	1.18	220	<=10*2	315	0.755	3027	3048	3456	0	0	3753	58.5	63.5	0	0	71	56	19.86015	20.115

Signature
Micron Laser Welding Technology

Checked By
Rajkot Municipal Corporation

સી. સી. એન્જીનીયર,
 રાજકોટ મેયન સંસ્થા સંચાલક.

Rajkot Municipal Corporation
Drainage Project
 Location:- Gavidad 70 MLD STP
 Lab Sample Analysis Record
 Contractor:- M/s Micron Laser Welding Technology

Inlet Sample										Treated Sewage										M.L.S.S						S.V.I						Water Q.		
Date	PH	BOD	COD	TDS	SS	Phos.	Oil & Greas	Chloride	Fecal coliform	Alkalinity	PH	BOD	COD	TDS	SS	Phos.	Chloride	Fecal Coliform	Alkanility	RFC	SBR-1	SBR-2	SBR-3	SBR-4	SBR-5	SBR-6	SBR-1	SBR-2	SBR-3	SBR-4	SBR-5	SBR-6	Inlet	Outlet
																					mg/lit	mg/lit	mg/lit											
1	7.73	289	389	487	418	5.2	3.2	287		478	7.18	7	55	285	2	1.16	183		265	0.58	3534	3589		3527		3533	120	110			110	120	29.821	30.413
2	7.68	266	397	493	421	5.3	3.2	293		489	7.26	7	60	288	2	1.32	192	<=10*2	275	0.57	3582	3627		3586		3583	120	130			120	130	32.46	32.667
3	7.68	279	381	492	408	5.3	3.2	284	<=10*6	483	7.13	6	63	365	2	1.28	210	<=10*2	276	0.63	3598	3648		3593		3628	120	130			130	130	35.487	34.392
4	7.82	266	388	488	416	4.73	3.3	288		485	7.17	7	65	387	3	1.34	206		268	0.53	3607	3672		3626		3687	110	130			120	120	29.537	26.442
5	7.79	288	393	475	389	4.64	3.1	293		483	7.21	6	67	345	2	1.13	188		263	0.59	3625	3683		3653		3693	130	120			120	130	32.939	34.903
6	7.73	279	384	466	396	4.83	3.2	286		480	7.28	6	60	297	4	1.27	175		268	0.61	3637	3691		3682		3688	120	120			130	130	30.487	31.328
7	7.77	281	385	472	381	4.79	3.2	291		478	7.22	6	65	315	4	1.18	182	<=10*2	272	0.55	3652	3729		3698		3692	110	120			120	120	28.98	28.022
8	7.87	285	392	483	376	4.68	3.2	293		486	7.18	6	55	286	2	1.13	188	<=10*6	479	0.67	3683	3753		3705		3708	120	110			120	120	29.522	29.221
9	7.91	287	385	496	388	4.76	3.2	286	<=10*6	479	7.28	7	45	255	2	1.18	182		279	0.73	3691	3765		3713		3723	120	120			120	120	25.678	26.55
10	7.93	292	368	487	382	4.83	3.2	279		488	7.16	7	45	255	2	1.18	182		283	0.68	3726	3788		3747		3744	120	130			120	120	23.668	23.903
11	7.89	288	372	452	379	4.75	3.4	283		483	7.22	6	48	263	2	1.15	185		282	0.62	3722	3792		3758		3748	120	120			120	120	31.834	32.725
12	7.86	285	376	468	385	4.78	3.4	287		487	7.25	6	52	273	2	1.18	188		288	0.67	3748	3822		3766		3759	120	110			120	130	27.155	26.058
13	7.73	286	388	477	388	4.76	3.2	289		484	7.19	6	55	271	2	1.23	192		283	0.58	3752	3826		3779		3766	120	120			120	130	25.186	27.371
14	7.77	283	385	472	392	4.79	3.4	326		482	7.18	7	50	268	2	1.18	210	<=10*2	277	0.61	3758	3852		3789		3782	130	120			130	120	25.816	24.495
15	7.52	288	383	483	402	4.81	3.8	322	<=10*6	479	7.19	7	48	273	3	1.13	215	<=10*2	272	0.67	3766	3857		3796		3795	130	120			120	120	26.668	27.655
16	7.69	283	385	488	418	4.83	3.2	308		488	7.23	7	47	282	4	1.17	180		275	0.68	3786	3862		3828		3802	120	120			110	120	33	32.197
17	7.76	285	372	485	388	4.85	3.5	296		483	7.21	6	48	263	5	1.18	175		276	0.72	3792	3867		3837		3826	120	110			120	130	31.692	30.84
18	7.79	281	380	489	391	4.72	3.4	292		479	7.25	6	52	252	3	1.16	188		273	0.73	3805	3879		3852		3852	120	110			120	120	28.395	29.171
19	7.83	286	379	488	398	4.79	3.2	298		482	7.23	6	53	271	4	1.13	182		271	0.68	3829	3882		3862		3862	120	130			130	120	29.524	30.378
20	7.92	295	388	492	376	4.83	3.2	288		488	7.28	6	55	268	4	1.12	176	<=10*2	268	0.65	3852	3752		3873		3877	130	120			120	120	29.401	28.023
21	7.88	290	389	494	382	4.81	3.4	286	<=10*6	472	7.21	6	62	265	3	1.18	176	<=10*2	268	0.63	3869	3768		3883		3882	120	130			120	120	32.673	33.07
22	7.83	285	385	492	385	4.76	3.4	287		478	7.26	6	65	271	2	1.15	189		269	0.66	3875	3788		3852		3892	120	120			120	120	31.787	32.264
23	7.85	287	379	498	389	4.75	3.3	291		483	7.23	7	61	278	2	1.14	188		266	0.63	3889	3792		3868		3905	120	120			130	130	33.028	34.942
24	7.76	286	385	492	392	4.82	3.5	293		487	7.23	7	65	258	2	1.23	187		268	0.61	3725	3805		3875		3926	120	120			120	120	28.093	26.136
25	7.79	296	387	496	393	4.79	3.2	297		484	7.18	7	58	272	2	1.21	183		272	0.58	3756	3825		3886		3872	130	130			120	130	31.473	31.197
26	7.81	293	381	486	398	4.83	3.8	288		492	7.29	6	55	271	3	1.17	185	<=10*2	269	0.57	3781	3854		3895		3888	120	120			130	130	33.155	34.564
27	7.83	286	383	492	386	4.66	4.1	285	<=10*6	488	7.13	6	57	263	4	1.13	182	<=10*2	266	0.62	3806	3863		3855		3862	110	120			120	120	31.399	30.974
28	7.84	285	386	494	391	4.68	3.8	281		483	7.14	6	53	267	2	1.18	181		262	0.67	3853	3878		3868		3872	120	110			130	120	26.538	26.639
29	7.76	288	379	493	388	4.72	3.3	283		487	7.18	7	58	258	2	1.14	179		264	0.61	3862	3892		3877		3792	120	120			120	120		
30	7.87	287	382	487	387	4.69	3.5	282		491	7.12	6	62	261	2	1.12	173		262	0.63	3883	3906		3906		3856	130	120			120	130		
31	7.83	286	385	492	391	4.63	3.8	285		493	7.16	6	65	258	2	1.14	177																	
Min.	7.52	279	368	452	376	4.63	3.1	279	<=10*6	472	7.12	6	45	252	2	1.12	173	<=10*2	262	0.52	3534	3589	0	3527	0	3533	110	110	0	0	110	110	23.668	23.903
Max.	7.93	296	397	498	421	5.3	4.1	326	<=10*6	493	7.29	7	67	387	5	1.34	215	<=10*2	288	0.73	3889	3906	0	3906	0	3926	130	130	0	0	130	130	35.487	36.436
Avg.	7.73	288	383	475	399	4.965	3.6	302.5	<=10*6	482.5	7.21	6.5	56	319.5	3.5	1.23	194	<=10*2	275	0.625	3711.5	3747.5	0	3716.5	0	3729.5	120	120	0	0	120	120	29.5775	30.1695

Signature
 Micron Laser Welding Techn

Pankaj

Checked By
 Rajkot Municipal Corporation

[Signature]
 श्री अन्वय, ३ नं, राजकोट महानगरपालिका.

CERTIFICATE OF ANALYSIS

Report No: ECL/WAC/1147.1/25-26

Issued to	70 MLD STP Gauridad - 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
18/06/2025	18/06/2025	24/06/2025	24/06/2025

Physico-Chemical Requirements

Sr No.	TESTS	REFERANCE	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.	17.1
3.	Residual Free Chlorine	IS : 3025 (Part-26) - 1986	mg/L	0.5 Max.	0.43
4.	Ammonical Nitrogen (as NH ₃ -N)	IS : 3025 (Part-34) - 1988	mg/L	5 Max.	2.97
5.	Total Nitrogen (as N)	IS : 3025 (Part-34) - 1988	mg/L	10 Max.	5.83
6.	Total Phosphorus (as P)	IS : 3025 (Part-31) - 1988	mg/L	1 Max.	0.54
7.	Oil & Grease	IS : 3025 (Part-39) 1991	mg/L	----	5.2
8.	Chemical Oxygen Demand (COD)	IS : 3025 (Part-58) -2006	mg/L	50 Max.	45.0

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.	144
11.	Total Coliform	IS : 15185 : 2016	MPN/100mL	----	268

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, RAJKOT.
- 2 This test report is **ONLY FOR THE SAMPLE TESTED.**
- 3 Sample not drawn by us.

Approved By:

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

Mr. Narendra Sorathiya
(M.Sc. Microbiology)

Mr. Jay J. Ramoliya



SEAL

Mr. Narendra Sorathiya

Signatory

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+91 7999995772



www.eurochemlaboratories.com



info@eurochemlaboratories.com



Naval Nagar-5 Corner, Opp. Fire Brigade,
Mavdi Main Road, Rajkot, Gujarat - 360004.

Mr. Narendra Sorathiya
સીટી એન્કીવીયર,
રૂનેજ,
રાજકોટ મહાનગરપાલિકા.

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CERTIFICATE OF ANALYSIS

Report No: ECL/WAC/1147/25-26

Issued to	70 MLD STP Gauridad - 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
18/06/2025	18/06/2025	24/06/2025	24/06/2025

Physico-Chemical Requirements

Sr No.	TESTS	REFERANCE	UNIT OF MEASUREMENT	RESULTS
1.	pH	IS : 3025 (Part-11) -2022 Electrometric method	----	7.09
2.	Total Suspended Solids (TSS)	IS : 3025 (Part-16) - 2023 Gravimetric Method	mg/L	162
3.	Total Kjeldahl Nitrogen (as N)	IS : 3025 (Part-34) - 1988	mg/L	4.3
4.	Total Phosphorus (as P)	IS : 3025 (Part-31) - 1988	mg/L	1.53
5.	Oil & Grease	IS : 3025 (Part-39) 1991	mg/L	9.7
6.	Chemical Oxygen Demand (COD)	IS : 3025 (Part-58) -2006 Open Reflux method	mg/L	171

Microbial Requirements

7.	Biochemical Oxygen Demand (BOD)	IS : 3025 (Part-44) - 2023 3-Day BOD Test Method	mg/L	70
8.	Total Coliform	IS : 15185 : 2016	MPN/100mL	585

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Approved By:

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

Mr. Narendra Sorathiya
(M.Sc. Microbiology)

Mr. Jay J. Ramoliya



Mr. Narendra Sorathiya

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Mavdi Main Road, Rajkot, Gujarat - 360004.

Mr. Narendra Sorathiya
શ્રી એન્કીયર,
રેન્ક,
રાજકોટ મહાનગરપાલિકા.

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CERTIFICATE OF ANALYSIS

Report No: ECL/WAC/1114.1/25-26

Issued to	70 MLD STP Gauridad - 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
27/05/2025	27/05/2025	31/05/2025	31/05/2025

Physico-Chemical Requirements

Sr No.	TESTS	REFERANCE	UNIT OF MEASUREMENT	PERMISSIBLE LIMIT	RESULTS
1.	pH	IS : 3025 (Part-11) -2022	----	5.5-9.0	7.09
2.	Total Suspended Solids (TSS)	IS : 3025 (Part-16) - 2023	mg/L	20 Max.	18.0
3.	Residual Free Chlorine	IS : 3025 (Part-26) - 1986	mg/L	0.5 Max.	0.43
4.	Ammonical Nitrogen (as NH ₃ -N)	IS : 3025 (Part-34) - 1988	mg/L	5 Max.	3.42
5.	Total Nitrogen (as N)	IS : 3025 (Part-34) - 1988	mg/L	10 Max.	7.54
6.	Total Phosphorus (as P)	IS : 3025 (Part-31) - 1988	mg/L	1 Max.	0.72
7.	Oil & Grease	IS : 3025 (Part-39) 1991	mg/L	----	6.1
8.	Chemical Oxygen Demand (COD)	IS : 3025 (Part-58) -2006	mg/L	50 Max.	49.5

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.	108
11.	Total Coliform	IS : 15185 : 2016	MPN/100mL	----	160

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Mr. Narendra Sorathiya
(M.Sc. Microbiology)

Mr. Jay J. Ramoliya



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Mr. Narendra Sorathiya

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Mavdi Main Road, Rajkot, Gujarat - 360004.

Mr. Jay J. Ramoliya
સીડી એન્જીનીયર,
રૂનર,
સજીકોટ મહાનગરપાલિકા.

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CERTIFICATE OF ANALYSIS

Report No: ECL/WAC/1114/25-26

Issued to	70 MLD STP Gauridad - 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
27/05/2025	27/05/2025	31/05/2025	31/05/2025

Physico-Chemical Requirements

Sr No.	TESTS	REFERANCE	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	153
3.	Total Kjeldahl Nitrogen (as N)	IS : 3025 (Part-34) - 1988	mg/L	5.2
4.	Total Phosphorus (as P)	IS : 3025 (Part-31) - 1988	mg/L	1.71
5.	Oil & Grease	IS : 3025 (Part-39) 1991	mg/L	8.8
6.	Chemical Oxygen Demand (COD)	IS : 3025 (Part-58) -2006 Open Reflux method	mg/L	162

Microbial Requirements

7.	Biochemical Oxygen Demand (BOD)	IS : 3025 (Part-44) - 2023 3-Day BOD Test Method	mg/L	70
8.	Total Coliform	IS : 15185 : 2016	MPN/100mL	297

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(M.Sc. Chem.)

Mr. Narendra Sorathiya
(M.Sc. Microbiology)

Mr. Jay J. Ramoliya



Mr. Narendra Sorathiya

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Mavdi Main Road, Rajkot, Gujarat - 360004.

Mr. Narendra Sorathiya
શ્રી શ્રી એન્કોર્નીયર,
રૂમેન,
રાજકોટ મહાનગરપાલિકા.

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Report No: ECL/WAC/1075.1/25

Issued to	70 MLD STP Gauridad - Rajkot		
Sample collected By	Self	Test Report as per	IS:3025, APHA:2017
Sample Identity	Waste Water	Batch No.	----
Quantity	1 liter Approx.	Date of Mfg.	----
Sample Description	STP Outlet Water		Date of Issue
Date of Receipt	Date of Start Analysis	Date of Completion	20/04/2025
15/04/2025	15/04/2025	20/04/2025	20/04/2025

Physico-Chemical Requirements

Sr No.	TESTS	REFERANCE	UNIT OF MEASUREMENT	PERMISSIBLE LIMIT	RESULT
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.	13.5
3.	Residual Free Chlorine	IS : 3025 (Part-26) - 1986	mg/L	0.5 Max.	0.34
4.	Ammonical Nitrogen (as NH ₃ -N)	IS : 3025 (Part-34) - 1988	mg/L	5 Max.	3.24
5.	Total Nitrogen (as N)	IS : 3025 (Part-34) - 1988	mg/L	10 Max.	7.00
6.	Total Phosphorus (as P)	IS : 3025 (Part-31) - 1988	mg/L	1 Max.	0.72
7.	Oil & Grease	IS : 3025 (Part-39) 1991	mg/L	----	4.12
8.	Chemical Oxygen Demand (COD)	IS : 3025 (Part-58) -2006	mg/L	50 Max.	42.3

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.	81
11.	Total Coliform	IS : 15185 : 2016	MPN/100mL	----	124

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Approved By:
Mr. Jay J. Ramoliya
(M.Sc. Chem.)

Mr. Narendra Sorath
(M.Sc. Microbiolo)

J. Ramoliya



N. Sorath

N. Sorath

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Report No: ECL/WAC/1075/25

Issued to	70 MLD STP Gauridad - 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
15/04/2025	15/04/2025	20/04/2025	20/04/2025

Physico-Chemical Requirements

Sr No.	TESTS	REFERANCE	UNIT OF MEASUREMENT	RESULTS
1.	pH	IS : 3025 (Part-11) -2022 Electrometric method	----	6.84
2.	Total Suspended Solids (TSS)	IS : 3025 (Part-16) - 2023 Gravimetric Method	mg/L	115
3.	Total Kjeldahl Nitrogen (as N)	IS : 3025 (Part-34) - 1988	mg/L	5.4
4.	Total Phosphorus (as P)	IS : 3025 (Part-31) - 1988	mg/L	1.78
5.	Oil & Grease	IS : 3025 (Part-39) 1991	mg/L	7.2
6.	Chemical Oxygen Demand (COD)	IS : 3025 (Part-58) -2006 Open Reflux method	mg/L	142

Microbial Requirements

7.	Biochemical Oxygen Demand (BOD)	IS : 3025 (Part-44) - 2023 3-Day BOD Test Method	mg/L	63
8.	Total Coliform	IS : 15185 : 2016	MPN/100mL	268

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Approved By:

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

Mr. Narendra Sorathi
(M.Sc. Microbiolo

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Report No: ECL/WAC/1015.2/24-25

Sample collected By	70 MLD STP Gauridad - Rajkot		
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
15/03/2025	15/03/2025	20/03/2025	20/03/2025

Physico-Chemical Requirements

Sr No.	TESTS	REFERENCE	UNIT OF MEASUREMENT	PERMISSIBLE LIMIT	RESULTS
1.	pH	IS : 3025 (Part-11) - 2022	----	5.5-9.0	6.84
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.	0.36
4.	Ammonical Nitrogen (as NH ₃ -N)	IS : 3025 (Part-34) - 1988		5 Max.	4.3
5.	Total Nitrogen (as N)	IS : 3025 (Part-34) - 1988	mg/L	10 Max.	9.9
6.	Total Phosphorus (as P)	IS : 3025 (Part-31) - 1988	mg/L	1 Max.	0.88
7.	Oil & Grease	IS : 3025 (Part-39) 1991	mg/L	----	4.5
8.	Chemical Oxygen Demand (COD)	IS : 3025 (Part-58) - 2006	mg/L	50 Max.	56.5

Microbial Requirements

9.	Biochemical Oxygen Demand (BOD)	IS : 3025 (Part-44) - 2023	mg/L	10 Max.	9.0
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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Approved By:
Mr. Jay J. Ramoliya
(M.Sc. Chem.)

Mr. Narendra Sorathiya
(M.Sc. Microbiology)

J. Ramoliya
Pankaj



N. Sorathiya

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www.eurochemlaboratories.com

info@eurochemlaboratories.com

Naval Nagar-5 Corner, Opp. Fire Brigade,
Mavdi Main Road, Rajkot, Gujarat - 360004.

N. Sorathiya
શ્રી સોરઠીયા,
૨૧૦૨ મહાનગરપાલિકા.

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Issued to	70 MLD STP Gauridad - Rajkot			Report No: ECL/WAC/1015.1/24-25
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	
15/03/2025	15/03/2025	20/03/2025	20/03/2025	

Physico-Chemical Requirements

Sr No.	TESTS	REFERANCE	UNIT OF MEASUREMENT	RESULTS
1.	pH	IS : 3025 (Part-11) -2022 Electrometric method	----	5.22
2.	Total Suspended Solids (TSS)	IS : 3025 (Part-16) - 2023 Gravimetric Method	mg/L	142
3.	Total Kjeldahl Nitrogen (as N)	IS : 3025 (Part-34) - 1988	mg/L	6.3
4.	Total Phosphorus (as P)	IS : 3025 (Part-31) - 1988	mg/L	2.05
5.	Oil & Grease	IS : 3025 (Part-39) 1991	mg/L	9.0
6.	Chemical Oxygen Demand (COD)	IS : 3025 (Part-58) -2006 Open Reflux method	mg/L	187

Microbial Requirements

7.	Biochemical Oxygen Demand (BOD)	IS : 3025 (Part-44) - 2023 3-Day BOD Test Method	mg/L	72
8.	Total Coliform	IS : 15185 : 2016	MPN/100mL	151

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Approved By:
Mr. Jay J. Ramoliya
(M.Sc. Chem.)

Mr. Narendra Sorathiya
(M.Sc. Microbiology)

Mr. Jay J. Ramoliya
Pankaj



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Narendra Sorathiya

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info@eurochemlaboratories.com



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Naval Nagar-5 Corner, Opp. Fire Brigade,
Mavdi Main Road, Rajkot, Gujarat - 360004.

Mr. Jay J. Ramoliya
સાચી એન્કનીયર,
રાજકોટ મહાનગરપાલિકા.

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Report No: ECL/WAC/987.1/24-25

Issued to	70 MLD STP Gauridad - 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
11/02/2025	11/02/2025	16/02/2025	16/02/2025

Physico-Chemical Requirements

Sr No.	TESTS	REFERANCE	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.	12.4
3.	Residual Free Chlorine	IS : 3025 (Part-26) - 1986	mg/L	0.5 Max.	0.29
4.	Ammonical Nitrogen (as NH ₃ -N)	IS : 3025 (Part-34) - 1988		5 Max.	3.6
5.	Total Nitrogen (as N)	IS : 3025 (Part-34) - 1988	mg/L	10 Max.	7.0
6.	Total Phosphorus (as P)	IS : 3025 (Part-31) - 1988	mg/L	1 Max.	0.72
7.	Oil & Grease	IS : 3025 (Part-39) 1991	mg/L	----	3.4
8.	Chemical Oxygen Demand (COD)	IS : 3025 (Part-58) -2006	mg/L	50 Max.	37.8

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.	79
11.	Total Coliform	IS : 15185 : 2016	MPN/100mL	----	135

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(M.Sc. Chem.)

Mr. Narendra Sorathiya
(M.Sc. Microbiology)

J. Ramoliya



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N. Sorathiya

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+91 7999995772

info@eurochemlaboratories.com



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Issued to	70 MLD STP Gauridad - Rajkot			Report No: ECL/WAC/987/24-25
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	
11/02/2025	11/02/2025	16/02/2025	16/02/2025	

Physico-Chemical Requirements

Sr No.	TESTS	REFERANCE	UNIT OF MEASUREMENT	RESULTS
1.	pH	IS : 3025 (Part-11) -2022 Electrometric method	----	7.90
2.	Total Suspended Solids (TSS)	IS : 3025 (Part-16) - 2023 Gravimetric Method	mg/L	198
3.	Total Kjeldahl Nitrogen (as N)	IS : 3025 (Part-34) - 1988	mg/L	5.2
4.	Total Phosphorus (as P)	IS : 3025 (Part-31) - 1988	mg/L	1.89
5.	Oil & Grease	IS : 3025 (Part-39) 1991	mg/L	9.7
6.	Chemical Oxygen Demand (COD)	IS : 3025 (Part-58) -2006 Open Reflux method	mg/L	153

Microbial Requirements

7.	Biochemical Oxygen Demand (BOD)	IS : 3025 (Part-44) - 2023 3-Day BOD Test Method	mg/L	79
8.	Total Coliform	IS : 15185 : 2016	MPN/100mL	162

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ULR No.: TC-15272/25/0/0000067P				Report Issue Date :25/06/2025	
TEST REPORT					
WATER QUALITY TEST REPORT					
Name of Customer		80 MLD STP of RMC, Madhapar Rajkot			
Address of Customer		Madhapar			
Sample ID	ASP-W-R-25-06-67	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	9.40		
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	-	7.10	6.5-9.0
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	8.6	10
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	7.90	10
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	20.9	100
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	3.89	5
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	4.36	10
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	0.68	1
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	83	100
9	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	24	100
10	Residual Chlorine	IS 3025 (Part 26) : 2021	mg/L	(BDL<1)	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			Reviewed & Authorized By		
					
(D.U. Dave)			(P.J. Vachhani)		

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

Page No : 1 of 1


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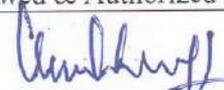


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GPCB RECOGNISED SCHEDULE II AUDITORS

ULR No.: TC-15272/25/0/0000068P				Report Issue Date :25/06/2025	
TEST REPORT					
WATER QUALITY TEST REPORT					
Name of Customer		80 MLD STP of RMC, Madhapar Rajkot			
Address of Customer		Madhapar			
Sample ID	ASP-W-R-25-06-68	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	In let of STP		
Completion Date	20/06/2025	Sampling Time	09.30		
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	-	7.85	--
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	152.25	--
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	42.54	--
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	118.8	--
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	11.2	--
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	18.3	--
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	9.58	--
8	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	84	--
9	Res Chlorine	IS 15185 : 2002	MPN/100 mL	34	--
[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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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 -----

Page No : 1 of 1


સીટી એન્જનીયર,
રૂમ નં. ૩૦૧,
રાજકોટ મહાનગરપાલિકા.



3292

GPCB RECOGNISED SCHEDULE II AUDITORS

ULR No.: TC-15272/25/0/0000064P

Report Issue Date :28/05/2025

TEST REPORT

WATER QUALITY TEST REPORT

Name of Customer 80 MLD STP of RMC, Madhapar Rajkot

Address of Customer Madhapar

Sample ID ASP-W-R-25-05-64 Sample Collected by Plant Chemist

Sample Type Grab Sample Submitted by Plant In charge

Sample Collection Date 16/05/2025 Sampling Method Grab

Receipt Date 16/05/2025 Analysis Method IS 3025 & APHA

Analysis Start Date 16/05/2025 Sampling Location Out let of STP

Completion Date 27/05/2025 Sampling Time 09.20

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	-	7.20	5.5-9.0
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	8.98	20
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	8.48	10
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	22.53	50
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	3.98	5
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	7.96	10
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	0.6	1
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	78	100
9	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	32	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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6. Specifications based on SPCB norms / provided by party.
7. Parameters mention with '*' beside them are non-accredited parameters.

Analysed By

(D.U. Dave)

Reviewed & Authorized By

(P.J. Vachhani)

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

Page No : 1 of 1





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Environmental Advisers

GPCB RECOGNISED SCHEDULE II AUDITORS

ULR No.: TC-15272/25/0/000060P

Report Issue Date :28/05/2025

TEST REPORT**WATER QUALITY TEST REPORT**

Name of Customer	80 MLD STP of RMC, Madhapar Rajkot		
Address of Customer	Madhapar		
Sample ID	ASP-W-R-25-05-60	Sample Collected by	Plant Chemist
Sample Type	Grab	Sample Submitted by	Plant In charge
Sample Collection Date	16/05/2025	Sampling Method	Grab
Receipt Date	16/05/2025	Analysis Method	IS 3025 & APHA
Analysis Start Date	16/05/2025	Sampling Location	In let of STP
Completion Date	27/05/2025	Sampling Time	09.10
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	Specification
1	pH	IS 3025 (Part 11): 2017	-	7.65	--
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	215.10	--
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	39.45	--
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	120.8	--
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	14.8	--
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	25.3	--
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	12.34	--
8	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	74	--
9	Res Chlorine	IS 15185 : 2002	MPN/100 mL	32	--

[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 -----

Page No : 1 of 1



P.J. Vachhani,
Senior Environmental Engineer



GPCB RECOGNISED SCHEDULE II AUDITORS

ULR No.:TC-15272/25/0/00000009P Report Issue Date :22/02/2025

TEST REPORT

WATER QUALITY TEST REPORT

Name of Customer : 80 MLD STP, Madhapar
Address of Customer : Rajkot-360006

Sample ID	ASP-W-R-25-02-003	Sample Collected by	Site In-charge
Sample Type	Grab	Sample Submitted by	Plant incharge
Sample Collection Date	15-02-2025	Sampling Method	-
Receipt Date	15-02-2025	Analysis Method	IS 3025 & APHA
Analysis Start Date	17-02-2025	Sampling Location	STP Outlet
Completion Date	22-02-2025	Sampling Time	11:15 AM
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	-	7.47	6.5 - 9.0
2	Total Suspended Solids	IS 3025 (Part 17): 2022	mg/L	9.0	20
3	Biochemical Oxygen Demand (3 days)	IS 3025 (Part 44): 2023	mg/L	7.4	10
4	Chemical Oxygen Demand	IS 3025 (Part 58): 2023	mg/L	21.5	50
5	Residual Chlorine	IS 3025 (Part 26): 2021	mg/L	0.66	0.5-1.0
6	Total Phosphate	IS 3025 (Part 31/Sec 1):2022	mg/L	0.77	1
7	Total Kjeldahl Nitrogen	IS : 3025 (Part 34):2019	mg/L	3.8	10
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	21	100

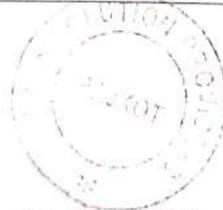
[ADL -Above Detection Limit, BDL - Below Detection Limit]

Notes:

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

Analysed By

(Dr. D.U. Dave)

For Aura Solution Providers,
Reviewed & Authorized By

(P.J. Vachhani)

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

Page No : 1 of 1





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GPCB RECOGNISED SCHEDULE II AUDITORS

ULR No.:TC-15272/25/0/00000027P

Report Issue Date :21/03/2025

TEST REPORT

WATER QUALITY TEST REPORT

Name of Customer : 80 MLD STP, Madhapar
Address of Customer : Rajkot-360006

Sample ID	ASP-W-R-25-03-014	Sample Collected by	Site In-charge
Sample Type	: Grab	Sample Submitted by	: Plant incharge
Sample Collection Date	: 15-03-2025	Sampling Method	: -
Receipt Date	: 15-03-2025	Analysis Method	: IS 3025 & APHA
Analysis Start Date	: 15-03-2025	Sampling Location	: STP Outlet
Completion Date	: 22-03-2025	Sampling Time	: 11:30 AM
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	8.6	20
3	Biochemical Oxygen Demand (3 days)	IS 3025 (Part 44): 2023	mg/L	9.1	10
4	Chemical Oxygen Demand	IS 3025 (Part 58): 2023	mg/L	32.4	50
5	Residual Chlorine	IS 3025 (Part 26) : 2021	mg/L	0.6	0.5-1.0
6	Total Phosphate	IS 3025 (Part 31/Sec 1):2022	mg/L	0.73	1
7	Total Kjeldahl Nitrogen	IS : 3025 (Part 34):2019	mg/L	3.8	10
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	27	100

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

Notes:

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Analysed By

(Dr. D.U. Dave)

For Aura Solution Providers,
Reviewed & Authorized By

(P.J. Vachhani)

End of the Test Report

Page No : 1 of 1

P.J. Vachhani
Rajkot Head Office1003-B, Alpha Plus, Near Raiya Telephone Exchange,
150 Feet Ring Road. RAJKOT 360007.Y. A. Tai
Cell : 98251 76562



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GPCB RECOGNISED SCHEDULE II AUDITORS

ULR No.: TC-15272/25/0/0000052P			Report Issue Date :29/04/2025		
TEST REPORT					
WATER QUALITY TEST REPORT					
Name of Customer		80 MLD STP of RMC, Madhapar Rajkot			
Address of Customer		Madhapar			
Sample ID	ASP-W-R-25-04-52	Sample Collected by	Plant Chemist		
Sample Type	Grab	Sample Submitted by	Plant In charge		
Sample Collection Date	22/04/2025	Sampling Method	Grab		
Receipt Date	22/04/2025	Analysis Method	IS 3025 & APHA		
Analysis Start Date	22/04/2025	Sampling Location	Out let of STP		
Completion Date	29/04/2025	Sampling Time	09.40		
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	-	7.12	5.5-9.0
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	9.72	20
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	9.80	10
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	24.80	50
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	4.45	5
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	8.50	10
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	0.5	1
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	68	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
[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 -----

Page No : 1 of 1



પી.જી. વાચ્છાણી,
રૂઝ,
સર્વોચ્ચ મહાનગરપાલિકા.



3297



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GPCB RECOGNISED SCHEDULE II AUDITORS

ULR No.: TC-15272/25/0/0000051P				Report Issue Date :29/04/2025	
TEST REPORT					
WATER QUALITY TEST REPORT					
Name of Customer		80 MLD STP of RMC, Madhapar Rajkot			
Address of Customer		Madhapar			
Sample ID	ASP-W-R-25-04-51	Sample Collected by	Plant Chemist		
Sample Type	Grab	Sample Submitted by	Plant In charge		
Sample Collection Date	22/04/2025	Sampling Method	Grab		
Receipt Date	22/04/2025	Analysis Method	IS 3025 & APHA		
Analysis Start Date	22/04/2025	Sampling Location	In let of STP		
Completion Date	29/04/2025	Sampling Time	09.30		
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	-	7.45	--
2	Total Suspended Solids	IS 3025 (Part 17) : 2022	mg/L	315.40	--
3	Biochemical Oxygen	IS 3025 (Part 44) : 2023	mg/L	45.40	--
4	Chemical Oxygen Demand	IS 3025 (Part 58) : 2023	mg/L	138.6	--
5	Ammonical Nitrogen	IS 3025 (Part 34): 2019	mg/L	16.50	--
6	Total Kjeldahl Nitrogen	IS 3025 (Part 34): 2019	mg/L	21.40	--
7	Phosphate	IS 3025 (Part 31). 2003	mg/L	16.50	--
8	Total Coliform*	IS 15185 : 2002	MPN/100 mL	156	--
9	Fecal Coliform*	IS 15185 : 2002	MPN/100 mL	74	--
[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 -----

Page No : 1 of 1



શ્રી પી.એચ. વાચ્છાણી,
રૂઝમુખી મહાનગરપાલિકા.

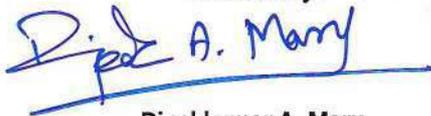
Ref No: ECECE/25/07/WW/54		Report Issue Date: 17/07/2025	
TEST REPORT			
Name of Customer	: Sewage Treatment Plant – Bhesan		
Address of Customer	: Plot No: 44, 45, 51, 56-62, Vill: Bhesan, Surat – 395003, Tal: Chorasi, Dist: Surat.		
Customer Contact Details	: Mr. Chinmaybhai, ehpathan_enviro@outlook.com		
Sample ID	: ECECE/25/07/WW/54	Sample Collected by	: ECECE Team
Sample Type	: Grab	Sample Submitted by	: ECECE Team
Sample Collection Date	: 10/07/2025	Sampling Method	: IS 3025 (Part 1)
Receipt Date	: 10/07/2025	Sampling Location	: STP Outlet
Analysis Start Date	: 10/07/2025	Sample Description	: Sewage
Completion Date	: 15/07/2025	Quantity/ No. of Sample	: 1 lit. & 300ml/ 1 No.
Type of Container	: Plastic & Glass	Sample Temperature	: 26.9 °C
Packing/ Seal	: Cap seal	(At the time of the Receipt)	

Sr. No.	Parameter	Test Method	Unit	Result
1.	pH	IS: 3025 (Part 11)-2022	---	7.79
2.	Chemical Oxygen Demand (COD)	IS: 3025 (Part 58)-2023	mg/L	46
3.	BOD at 3 days 27°C	IS: 3025 (Part 44)-2023	mg/L	4
4.	Total Suspended Solids	IS: 3025 (Part 17)-2022	mg/L	5
5.	Total Nitrogen	IS: 3025 (Part 34/Sec 1)-2023	mg/L	9.19
6.	Total Phosphorous	IS: 3025 (Part 31/Sec 1)-2022	mg/L	1.59
7.	Fecal Coliform	APHA 24 th Ed. 9221 E, 2023	MPN/100 mL	31

Notes:

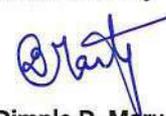
1. These results related to the sample tested and applicable parameter only. These Results are applied to the samples as received.
2. The report shall not be reproduced in full or in part and cannot be used as evidence in court of law without written Consent/approval of the Laboratory Division of ECECE.
3. The sample will be destroyed after retention time (7 days) unless specified specially.
4. Laboratory Division of ECECE 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.

Checked By



Dipakkumar A. Maru
(Quality Manager)

Authorized By



Dimple D. Maru
(Technical Manager)

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

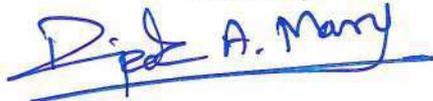
Ref No: ECECE/25/07/WW/70		Report Issue Date: 17/07/2025	
TEST REPORT			
Name of Customer	: Sewage Treatment Plant – Gavier		
Address of Customer	: Block No: P-91, T. P. Scheme No: 76, (Gavier-Dumas), Gavier, Surat – 395007, Tal: Chorasi, Dist: Surat.		
Customer Contact Details	: Mr. Chinmaybhai, ehpathan_enviro@outlook.com		
Sample ID	: ECECE/25/07/WW/70	Sample Collected by	: ECECE Team
Sample Type	: Grab	Sample Submitted by	: ECECE Team
Sample Collection Date	: 11/07/2025	Sampling Method	: IS 3025 (Part 1)
Receipt Date	: 11/07/2025	Sampling Location	: STP Outlet
Analysis Start Date	: 11/07/2025	Sample Description	: Sewage
Completion Date	: 16/07/2025	Quantity/ No. of Sample	: 1 lit. & 300 ml/ 1 No.
Type of Container	: Plastic & Glass	Sample Temperature	: 26.6 °C
Packing/ Seal	: Cap seal	(At the time of the Receipt)	

Sr. No.	Parameter	Test Method	Unit	Result
1.	pH	IS: 3025 (Part 11)-2022	---	8.01
2.	Chemical Oxygen Demand (COD)	IS: 3025 (Part 58)-2023	mg/L	21
3.	BOD at 3 days 27°C	IS: 3025 (Part 44)-2023	mg/L	4
4.	Total Suspended Solids	IS: 3025 (Part 17)-2022	mg/L	5
5.	Total Nitrogen	IS: 3025 (Part 34/Sec 1)-2023	mg/L	7.46
6.	Total Phosphorous	IS: 3025 (Part 31/Sec 1)-2022	mg/L	0.76
7.	Fecal Coliform	APHA 24 th Ed. 9221 E, 2023	MPN/100 mL	43

Notes:

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Checked By



Dipakkumar A. Maru
(Quality Manager)

Authorized By


Dimple D. Maru
(Technical Manager)

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

Page 1 of 1

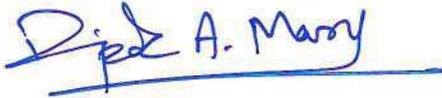
Ref No: ECECE/25/07/WW/56		Report Issue Date: 17/07/2025	
TEST REPORT			
Name of Customer	: Sewage Treatment Plant – Karanj		
Address of Customer	: Karanj, SMC, Drainage Department, Muglisara – 395003, Tal: Chorasi, Dist: Surat.		
Customer Contact Details	: Mr. Chinmaybhai, ehpathan_enviro@outlook.com		
Sample ID	: ECECE/25/07/WW/56	Sample Collected by	: ECECE Team
Sample Type	: Grab	Sample Submitted by	: ECECE Team
Sample Collection Date	: 10/07/2025	Sampling Method	: IS 3025 (Part 1)
Receipt Date	: 10/07/2025	Sampling Location	: STP Outlet
Analysis Start Date	: 10/07/2025	Sample Description	: Sewage
Completion Date	: 15/07/2025	Quantity/ No. of Sample	: 1 lit. & 300 ml/ 1 No.
Type of Container	: Plastic & Glass	Sample Temperature	: 26.4 °C
Packing/ Seal	: Cap seal	(At the time of the Receipt)	

Sr. No.	Parameter	Test Method	Unit	Result
1.	pH	IS: 3025 (Part 11)-2022	---	7.61
2.	Chemical Oxygen Demand (COD)	IS: 3025 (Part 58)-2023	mg/L	25
3.	BOD at 3 days 27°C	IS: 3025 (Part 44)-2023	mg/L	6.7
4.	Total Suspended Solids	IS: 3025 (Part 17)-2022	mg/L	8
5.	Total Nitrogen	IS: 3025 (Part 34/Sec 1)-2023	mg/L	7.85
6.	Total Phosphorous	IS: 3025 (Part 31/Sec 1)-2022	mg/L	0.84
7.	Fecal Coliform	APHA 24 th Ed. 9221 E, 2023	MPN/100 mL	47

Notes:

1. These results related to the sample tested and applicable parameter only. These Results are applied to the samples as received.
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 ECECE.
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Checked By



Dipakkumar A. Maru
(Quality Manager)

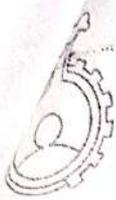


Authorized By



Dimple D. Maru
(Technical Manager)

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



TEST CERTIFICATE

Date:- 01/08/2025

JLT0100725RR00243	
Name Of Work	Wastewater Analysis
Details of sample/Mode of Packing	Sample Packed in Plastic Bottle
Report Issued To	37.5 MLD Sewage Treatment Plant - Surat
Reference No.	JLT0100725RR00243
Date Of Receipt Of Sample	25/06/2025
Name Of Agency/Company	M/s. BEIL INFRASTRUCTURE LIMITED, 37.5 MLD STP for Surat Municipal Corporation, At Asarma. Near. Ichhapore Gam, Hazira - Sayan Road, Surat, Gujarat 394405
Sample Quantity	2.5 Liter outlet (after UV)
Condition of sample during receipt	Satisfactory
Sample Submitted By.	Self-collection
Starting Date Of Test/ Analysis	24/07/2025
Completion Date of Test	31/07/2025

OUTLET SAMPLE				
SR. NO.	TESTS PARAMETERS	REFERENCE METHOD	UNIT	RESULT
1	pH	APHA:4500(H'-B):2017	-	7.62
2	Suspended Solids	APHA:2540(D):2017	mg/L	8.41
3	Chemical Oxygen Demand	APHA :5220: (C): 2017	mg/L	12.8
4	Biochemical Oxygen Demand	IS 3025 (Part 44):1993	mg/L	6.6
5	Total Nitrogen	APHA:4500:NH ₃ B.C:2017	mg/L	4.7
6	Total Phosphorus	APHA:4500 (P):2017	mg/L	<0.5
7	Total Kjeldhal Nitrogen	APHA: 4500-Norg B:2017	mg/L	7.1
8	Ammonical Nitrogen	APHA: 4500- NH ₃ B&C: 2017	mg/L	<1.0
9	Oil and Grease	APHA: 5520-B:2017	mg/l.	<4.0
11	Fecal Coliform	MPN method	MPN/100ml.	<10

Note: - The report is analyzed with the quality standards. These results are related to sample collected by the team of your company. This report in full or part, shall not be published advertised, used for any legal action, unless prior permission has been secured from the owner. JAGNATH LAB TECHNOLOGIES, GONDAL-RAJKOT. Report varies according to samples and their composition of the materials. We are authorized to take strict action if the data and result of report is to be changed/corrected by any external source or body.

Approved By.

Lab Incharge Signatory.



Thanking you in anticipation.
For Jagnath Lab Technologies

Authorized Signatory

5-6/B, Nayanji of Chambers,
First Floor, Opp. Vachhera Vada,
Gondal-360 311. Dist. : Rajkot. (Guj.)

jagnathtechnologies@yahoo.com
www.jagnath.com
+91 8140 5555 15

Environment Consultant & Gujarat Pollution Control Board Schedule-II Auditors

Deputy Municipal commissioner (D)
Surat Municipal Corporation

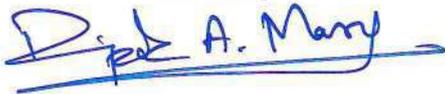
Ref No: ECECE/25/07/WW/60		Report Issue Date: 17/07/2025	
TEST REPORT			
Name of Customer	: Sewage Treatment Plant – Anjana		
Address of Customer	: S. No: 10 Paiky 11 & 13 Paiky 14, Final Plot 119, Anjana, Kamela Darwaja – 395003, Tal: Chorasi, Dist: Surat.		
Customer Contact Details	: Mr. Chinmaybhai, ehpathan_enviro@outlook.com		
Sample ID	: ECECE/25/07/WW/60	Sample Collected by	: ECECE Team
Sample Type	: Grab	Sample Submitted by	: ECECE Team
Sample Collection Date	: 11/07/2025	Sampling Method	: IS 3025 (Part 1)
Receipt Date	: 11/07/2025	Sampling Location	: STP Outlet
Analysis Start Date	: 11/07/2025	Sample Description	: Sewage
Completion Date	: 16/07/2025	Quantity/ No. of Sample	: 1 lit. & 300ml/ 1 No.
Type of Container	: Plastic & Glass	Sample Temperature	: 26.1 °C
Packing/ Seal	: Cap seal	(At the time of the Receipt)	

Sr. No.	Parameter	Test Method	Unit	Result
1.	pH	IS: 3025 (Part 11)-2022	---	7.89
2.	Chemical Oxygen Demand (COD)	IS: 3025 (Part 58)-2023	mg/L	17
3.	BOD at 3 days 27°C	IS: 3025 (Part 44)-2023	mg/L	6.7
4.	Total Suspended Solids	IS: 3025 (Part 17)-2022	mg/L	7
5.	Total Nitrogen	IS: 3025 (Part 34/Sec 1)-2023	mg/L	6.83
6.	Total Phosphorous	IS: 3025 (Part 31/Sec 1)-2022	mg/L	0.84
7.	Fecal Coliform	APHA 24 th Ed. 9221 E, 2023	MPN/100 mL	39

Notes:

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Checked By



Dipakkumar A. Maru
(Quality Manager)



Authorized By



Dimple D. Maru
(Technical Manager)

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

Ref No: ECECE/25/07/WW/67

Report Issue Date: 17/07/2025

TEST REPORT

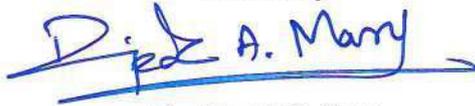
Name of Customer	: Sewage Treatment Plant – Dindoli		
Address of Customer	: Plot No: 262, 270-71, 275-76, 300, 303/p, 304/p, 307, 309, 311/p, 312, 249/p, Moje: Dindoli – 395001, Tal: Surat City, Dist: Surat.		
Customer Contact Details	: Mr. Chinmaybhai, ehpathan_enviro@outlook.com		
Sample ID	: ECECE/25/07/WW/67	Sample Collected by	: ECECE Team
Sample Type	: Grab	Sample Submitted by	: ECECE Team
Sample Collection Date	: 11/07/2025	Sampling Method	: IS 3025 (Part 1)
Receipt Date	: 11/07/2025	Sampling Location	: STP Outlet/ TTP Inlet
Analysis Start Date	: 11/07/2025	Sample Description	: Sewage
Completion Date	: 16/07/2025	Quantity/ No. of Sample	: 1 lit. & 300 ml/ 1 No.
Type of Container	: Plastic & Glass	Sample Temperature	: 26.4°C
Packing/ Seal	: Cap seal	(At the time of the Receipt)	

Sr. No.	Parameter	Test Method	Unit	Result
1.	pH	IS: 3025 (Part 11)-2022	---	7.84
2.	Chemical Oxygen Demand (COD)	IS: 3025 (Part 58)-2023	mg/L	33
3.	BOD at 3 days 27°C	IS: 3025 (Part 44)-2023	mg/L	7.6
4.	Total Suspended Solids	IS: 3025 (Part 17)-2022	mg/L	6
5.	Total Nitrogen	IS: 3025 (Part 34/Sec 1)-2023	mg/L	8.16
6.	Total Phosphorous	IS: 3025 (Part 31/Sec 1)-2022	mg/L	1.45
7.	Fecal Coliform	APHA 24 th Ed. 9221 E, 2023	MPN/100 mL	17

Notes:

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Checked By



Dipakkumar A. Maru
(Quality Manager)

Authorized By



Dimple D. Maru
(Technical Manager)

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

Page 1 of 1

Deputy Municipal commissioner (D)
Surat Municipal Corporation



Ref No: ECECE/25/07/WW/62

Report Issue Date: 17/07/2025

TEST REPORT

Name of Customer	: Sewage Treatment Plant – Bamroli		
Address of Customer	: Plot No: 46, Survey No: 46, Vadod, Bamroli, Surat – 395003, Tal: Chorasi, Dist: Surat.		
Customer Contact Details	: Mr. Chinmaybhai, ehpathan_enviro@outlook.com		
Sample ID	: ECECE/25/07/WW/62	Sample Collected by	: ECECE Team
Sample Type	: Grab	Sample Submitted by	: ECECE Team
Sample Collection Date	: 11/07/2025	Sampling Method	: IS 3025 (Part 1)
Receipt Date	: 11/07/2025	Sampling Location	: STP Outlet/ TTP Inlet
Analysis Start Date	: 11/07/2025	Sample Description	: Sewage
Completion Date	: 16/07/2025	Quantity/ No. of Sample	: 1 lit. & 300 ml/ 1 No.
Type of Container	: Plastic & Glass	Sample Temperature	: 26.7 °C
Packing/ Seal	: Cap seal	(At the time of the Receipt)	

Sr. No.	Parameter	Test Method	Unit	Result
1.	pH	IS: 3025 (Part 11)-2022	---	8.05
2.	Chemical Oxygen Demand (COD)	IS: 3025 (Part 58)-2023	mg/L	38
3.	BOD at 3 days 27°C	IS: 3025 (Part 44)-2023	mg/L	7.5
4.	Total Suspended Solids	IS: 3025 (Part 17)-2022	mg/L	13
5.	Total Nitrogen	IS: 3025 (Part 34/Sec 1)-2023	mg/L	9.66
6.	Total Phosphorous	IS: 3025 (Part 31/Sec 1)-2022	mg/L	0.64
7.	Fecal Coliform	APHA 24 th Ed. 9221 E, 2023	MPN/100 mL	34

Notes:

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Checked By

Dipakkumar A. Maru
(Quality Manager)

Authorized By



Dimple D. Maru
(Technical Manager)

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

Shroff S.R. Rotary Institute of Chemical Technology



Principal Supporter & Sponsor – UPL Ltd & Shroff Family
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Constituent Institute of UPL University of Sustainable Technology



Test Report

Customer Name & Address: M/s. BEIL INFRASTRUCTURE LIMITED. (M/s. 255 MLD Sewage treatment plant for SURAT MUNICIPAL CORPORATION) Near Akhand Anand College, Beside Anand Park Society, SINGANPORE, SURAT-395004, GUJARAT.	Report No : SEL/20250719/A13-005 Issue Date : 29/07/2025 Contact Person : Mr. Sutharsan
--	--

Sample Id Code	: SRICT/20250719/A13-026	Sample Received By	: SRICT Audit Team
Sample Description	: Singanpore : S-21 (Final outlet from fiber filter plant)	Test Parameter	: As Mentioned in CCA
Date of Sampling	: 19/07/2025	Quantity of Sample	: 2Lit.
Date of Sample Received	: 19/07/2025	Packed/Seal	: Packed
Date of Starting Analysis	: 21/07/2025		
Date of Completion Analysis	: 28/07/2025		

RESULTS

Sr. No.	Parameter	Unit	Final O/L	Permissible Limit	Test Method
1	pH	--	7.44	6.5-9.0	IS:3025(P-11)2022
2	Temperature	°C	25	Shall not exceed more than 5°C above ambient water temp.	APHA2500,23 rd Edi.2017
3	Total Suspended Solids	mg/L	26.3	< 100	IS:3025(P-17)2022
4	BOD (3days @ 27°C)	mg/L	2.0	30	IS:3025(P-44)2023
5	COD	mg/L	19.84	250	IS 3025(P-58)2023
6	Oil & Grease	mg/L	BDL	10	APHA5220-B,23 rd Edi.2017
7	Total Residual Chlorine	mg/L	< 0.04	1.0	APHA4500-Cl-2,23 rd Edi.2017
8	Sulphide	mg/L	< 1.0	2.0	APHA4500-S ² ,23 rd Edi.2017
9	Cyanide	mg/L	< 0.1	0.2	APHA4500D,23 rd Edi.2017
11	Ammonical Nitrogen	mg/L	7.28	50	IS:3025(P-34,Sec 1)2023
12	TKN	mg/L	7.84	100	APHA4500N _{org} -B, 23 rd Edi.2017
13	Chlorides	mg/L	205.78	-----	IS:3025(P-32)1988
14	Total Dissolved Solids	mg/L	496	-----	IS:3025(P-16)2023
15	Fecal Coliform	MPN/100ml	54	< 1000	APHA 9221-E
16	Free Ammonia	mg/L	< 0.1	5.0	APHA4500-NH ₃ -F,23 rd Edi.2017
17	Arsenic (As)	mg/L	< 0.005	0.2	APHA3111-AS-B,23 rd Edi.2017
18	Mercury (Hg)	mg/L	< 0.001	0.01	APHA3111-HG-B,23 rd Edi.2017
19	Lead (Pb)	mg/L	< 0.01	0.1	APHA3111-B,23 rd Edi.2017
20	Cadmium (Cd)	mg/L	< 0.02	2.0	IS:3025(P- 41)1992
21	Hexavalent Chromium	mg/L	< 0.1	0.1	APHA3500-Cr-B,23 rd Edi.2017
22	Total chromium	mg/l.	0.0298	2.0	APHA 3500-Cr.B,23 rd Edi.2017

Shroff S.R. Rotary Institute of Chemical Technology



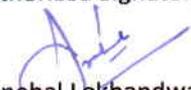
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23	Copper (Cu)	mg/L	0.0271	3.0	APHA3111-CU-B,23 rd Edi.2017
24	Zinc (Zn)	mg/L	0.0912	5.0	APHA 3111-B,23 rd Edi.2017
25	Selenium (Se)	mg/L	< 0.004	0.05	APHA 3500-Se-C,23 rd Edi.2017
26	Nickel (Ni)	mg/L	0.0188	3.0	APHA3111-B,23 rd Edi.2017
27	Total Phosphorus	mg/L	0.042	< 2.0	IS:3025(P-16),sec-1:2022
28	Dissolved Phosphates	mg/l.	0.13	5.0	IS:3025(P-31) Sec-1:2022
29	Phenolic comp	mg/L	< 0.01	1.0	APHA 5530-D,23 rd Edi.2017
30	Manganese (Mn)	mg/L	0.0774	2.0	APIIA3500-Mn-B,23 rd Edi.2017
31	Iron (Fe)	mg/L	1.2446	3.0	APHA3500-Fe-B,23 rd Edi.2017
32	Vanadium (V)	mg/L	< 0.1	0.2	APHA3500-V-B,23 rd Edi.2017
33	Nitrate Nitrogen	mg/L	2.67	10	APHA4500-NO ₃ -B,23 rd Edi.2017
34	Fluoride	mg/L	BDL	2.0	APHA 4500-F-D,23 rd Ed., : 2017
35	Total Coliform	CFU/100ml	90	----	APHA 9221-C
36	Bioassay test	%survival of fish after 96 hrs in 100% effluent	90% survival of fish after 96 hrs in 100% effluent	90% survival of fish after 96 hrs in 100% effluent	APHA&AWWA.23 rd Ed.10600

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

For SRICT Environmental Laboratory
Authorized Signatory


Dr. Snehal Lokhandwala
(Quality Manager)

Deputy Municipal commissioner (D)
Surat Municipal Corporation

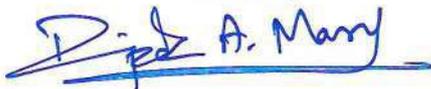
Ref No: ECECE/25/07/WW/65		Report Issue Date: 17/07/2025	
TEST REPORT			
Name of Customer	: Sewage Treatment Plant – Bhatar		
Address of Customer	: Bhatar, SMC, Surat, Drainage Department, Mugalisara-395003, Tal: Chorasi, Dist: Surat.		
Customer Contact Details	: Mr. Chinmaybhai, ehpathan_enviro@outlook.com		
Sample ID	: ECECE/25/07/WW/65	Sample Collected by	: ECECE Team
Sample Type	: Grab	Sample Submitted by	: ECECE Team
Sample Collection Date	: 11/07/2025	Sampling Method	: IS 3025 (Part 1)
Receipt Date	: 11/07/2025	Sampling Location	: STP Outlet
Analysis Start Date	: 11/07/2025	Sample Description	: Sewage
Completion Date	: 16/07/2025	Quantity/ No. of Sample	: 1 lit. & 300 ml/ 1 No.
Type of Container	: Plastic & Glass	Sample Temperature	: 27.0 °C
Packing/ Seal	: Cap seal	(At the time of the Receipt)	

Sr. No.	Parameter	Test Method	Unit	Result
1.	pH	IS: 3025 (Part 11)-2022	---	7.76
2.	Chemical Oxygen Demand (COD)	IS: 3025 (Part 58)-2023	mg/L	42
3.	BOD at 3 days 27°C	IS: 3025 (Part 44)-2023	mg/L	7.1
4.	Total Suspended Solids	IS: 3025 (Part 17)-2022	mg/L	4
5.	Total Nitrogen	IS: 3025 (Part 34/Sec 1)-2023	mg/L	9.34
6.	Total Phosphorous	IS: 3025 (Part 31/Sec 1)-2022	mg/L	0.69
7.	Fecal Coliform	APHA 24 th Ed. 9221 E, 2023	MPN/100 mL	70

Notes:

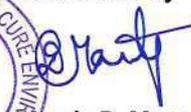
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Checked By



Dipakkumar A. Maru
(Quality Manager)

Authorized By




Dimple D. Maru
(Technical Manager)

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

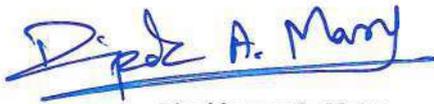
Ref No: ECECE/25/07/WW/72		Report Issue Date: 17/07/2025	
TEST REPORT			
Name of Customer	: Sewage Treatment Plant – Khajod		
Address of Customer	: Block No: 177P, Survey No: 111/A, (Paikhe), Vill: Khajod, Tal: Chorasi, Dist: Surat.		
Customer Contact Details	: Mr. Chinmaybhai, ehpathan_enviro@outlook.com		
Sample ID	: ECECE/25/07/WW/72	Sample Collected by	: ECECE Team
Sample Type	: Grab	Sample Submitted by	: ECECE Team
Sample Collection Date	: 11/07/2025	Sampling Method	: IS 3025 (Part 1)
Receipt Date	: 11/07/2025	Sampling Location	: STP Outlet
Analysis Start Date	: 11/07/2025	Sample Description	: Sewage
Completion Date	: 16/07/2025	Quantity/ No. of Sample	: 1 lit. & 300 ml/ 1 No.
Type of Container	: Plastic & Glass	Sample Temperature	: 27.1 °C
Packing/ Seal	: Cap seal	(At the time of the Receipt)	

Sr. No.	Parameter	Test Method	Unit	Result
1.	pH	IS: 3025 (Part 11)-2022	---	7.94
2.	Chemical Oxygen Demand (COD)	IS: 3025 (Part 58)-2023	mg/L	29
3.	BOD at 3 days 27°C	IS: 3025 (Part 44)-2023	mg/L	7.9
4.	Total Suspended Solids	IS: 3025 (Part 17)-2022	mg/L	9
5.	Total Nitrogen	IS: 3025 (Part 34/Sec 1)-2023	mg/L	7.99
6.	Total Phosphorous	IS: 3025 (Part 31/Sec 1)-2022	mg/L	1.31
7.	Fecal Coliform	APHA 24 th Ed. 9221 E, 2023	MPN/100 mL	34

Notes:

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Checked By



Dipakkumar A. Maru
(Quality Manager)

Authorized By



Dimple D. Maru
(Technical Manager)



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

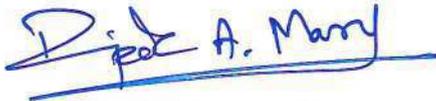
Ref No: ECECE/25/07/WW/58		Report Issue Date: 17/07/2025	
TEST REPORT			
Name of Customer : Sewage Treatment Plant – Variav-Kosad			
Address of Customer : Plot No: P-88, Block No: 128, Kosad – 394107, Tal: Chorasi, Dist: Surat.			
Customer Contact Details : Mr. Chinmaybhai, ehpathan_enviro@outlook.com			
Sample ID : ECECE/25/07/WW/58	Sample Collected by : ECECE Team		
Sample Type : Grab	Sample Submitted by : ECECE Team		
Sample Collection Date : 10/07/2025	Sampling Method : IS 3025 (Part 1)		
Receipt Date : 10/07/2025	Sampling Location : STP Outlet		
Analysis Start Date : 10/07/2025	Sample Description : Sewage		
Completion Date : 15/07/2025	Quantity/ No. of Sample : 1 lit. & 300 ml/ 1 No.		
Type of Container : Plastic & Glass	Sample Temperature : 26.5 °C		
Packing/ Seal : Cap seal	(At the time of the Receipt)		

Sr. No.	Parameter	Test Method	Unit	Result
1.	pH	IS: 3025 (Part 11)-2022	---	7.48
2.	Chemical Oxygen Demand (COD)	IS: 3025 (Part 58)-2023	mg/L	25
3.	BOD at 3 days 27°C	IS: 3025 (Part 44)-2023	mg/L	4.3
4.	Total Suspended Solids	IS: 3025 (Part 17)-2022	mg/L	3
5.	Total Nitrogen	IS: 3025 (Part 34/Sec 1)-2023	mg/L	8.36
6.	Total Phosphorous	IS: 3025 (Part 31/Sec 1)-2022	mg/L	0.50
7.	Fecal Coliform	APHA 24 th Ed. 9221 E, 2023	MPN/100 mL	25

Notes:

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(Quality Manager)

Authorized By



Dimple D. Maru
(Technical Manager)

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

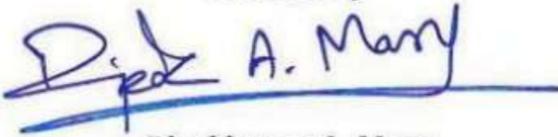
Ref No: ECECE/25/07/WW/52		Report Issue Date: 16/07/2025	
TEST REPORT			
Name of Customer	: Sewage Treatment Plant – Dungra		
Address of Customer	: Block No: 9, Moje: Dungra – 394180, Tal: Kamrej, Dist: Surat.		
Customer Contact Details	: Mr. Kiran Desai, nirvalminfra@gmail.com		
Sample ID	: ECECE/25/07/WW/52	Sample Collected by	: ECECE Team
Sample Type	: Grab	Sample Submitted by	: ECECE Team
Sample Collection Date	: 10/07/2025	Sampling Method	: IS 3025 (Part 1)
Receipt Date	: 10/07/2025	Sampling Location	: STP Outlet
Analysis Start Date	: 10/07/2025	Sample Description	: Sewage
Completion Date	: 15/07/2025	Quantity/ No. of Sample	: 1 lit/ 1 No.
Type of Container	: Plastic	Sample Temperature	: 26.1°C
Packing/ Seal	: Cap seal	(At the time of Receipt)	

Sr. No.	Parameter	Test Method	Unit	Result
1.	pH	IS: 3025 (Part 11)-2022	---	8.30
2.	Chemical Oxygen Demand (COD)	IS: 3025 (Part 58)-2023	mg/L	38
3.	BOD at 3 days 27°C	IS: 3025 (Part 44)-2023	mg/L	8.7
4.	Total Suspended Solids	IS: 3025 (Part 17)-2022	mg/L	5
5.	Total Nitrogen	IS: 3025 (Part 34/Sec 1)-2023	mg/L	5.58
6.	Total Phosphorous	IS: 3025 (Part 31/Sec 1)-2022	mg/L	0.07
7.	Fecal Coliform	APHA 24 th Ed. 9221 E, 2023	MPN/100 mL	46

Notes:

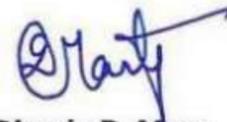
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Dipakkumar A. Maru
(Quality Manager)

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Dimple D. Maru
(Technical Manager)



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Page 1 of 1

Deputy Municipal commissioner (D)
Surat Municipal Corporation

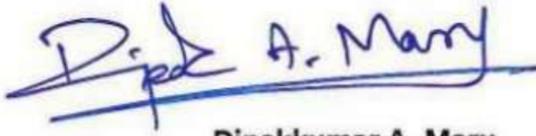
Ref No: ECECE/25/07/WW/31		Report Issue Date: 14/07/2025	
TEST REPORT			
Name of Customer	: Sewage Treatment Plant – Kholeshwar		
Address of Customer	: Survey No: 159/1, Old Block No: 153, New Block No: 157, Moje: Kholeshwar – 394180, Tal: Kamrej, Dist: Surat.		
Customer Contact Details	: Mr. Kiran Desai, nirvalminfra@gmail.com		
Sample ID	: ECECE/25/07/WW/31	Sample Collected by	: ECECE Team
Sample Type	: Grab	Sample Submitted by	: ECECE Team
Sample Collection Date	: 07/07/2025	Sampling Method	: IS 3025 (Part 1)
Receipt Date	: 07/07/2025	Sampling Location	: STP Outlet
Analysis Start Date	: 07/07/2025	Sample Description	: Sewage
Completion Date	: 12/07/2025	Quantity/ No. of Sample	: 1 lit/ 1 No.
Type of Container	: Plastic	Sample Temperature	: 26.4 °C
Packing/ Seal	: Cap seal	(At the time of Receipt)	

Sr. No.	Parameter	Test Method	Unit	Result
1.	pH	IS: 3025 (Part 11)-2022	---	8.31
2.	Chemical Oxygen Demand (COD)	IS: 3025 (Part 58)-2023	mg/L	33
3.	BOD at 3 days 27°C	IS: 3025 (Part 44)-2023	mg/L	7.0
4.	Total Suspended Solids	IS: 3025 (Part 17)-2022	mg/L	3
5.	Total Nitrogen	IS: 3025 (Part 34/Sec 1)-2023	mg/L	7.89
6.	Total Phosphorous	IS: 3025 (Part 31/Sec 1)-2022	mg/L	0.05
7.	Fecal Coliform	APHA 24 th Ed. 9221 E, 2023	MPN/100 mL	15

Notes:

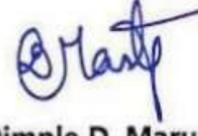
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Deputy Municipal commissioner (D)
Surat Municipal Corporation

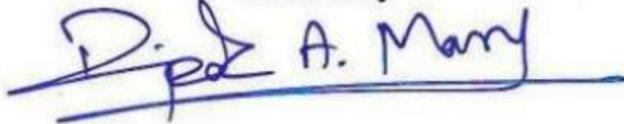
Ref No: ECECE/25/07/WW/23		Report Issue Date: 14/07/2025	
TEST REPORT			
Name of Customer	: Sewage Treatment Plant – Koli Bharthana		
Address of Customer	: Block No: 444, Moje: Koli Bharthana – 394180, Tal: Kamrej, Dist: Surat.		
Customer Contact Details	: Mr. Kiran Desai, nirvalminfra@gmail.com		
Sample ID	: ECECE/25/07/WW/23	Sample Collected by	: ECECE Team
Sample Type	: Grab	Sample Submitted by	: ECECE Team
Sample Collection Date	: 07/07/2025	Sampling Method	: IS 3025 (Part 1)
Receipt Date	: 07/07/2025	Sampling Location	: STP Outlet
Analysis Start Date	: 07/07/2025	Sample Description	: Sewage
Completion Date	: 12/07/2025	Quantity/ No. of Sample	: 1 lit/ 1 No.
Type of Container	: Plastic	Sample Temperature	: 27.1 °C
Packing/ Seal	: Cap seal	(At the time of Receipt)	

Sr. No.	Parameter	Test Method	Unit	Result
1.	pH	IS: 3025 (Part 11)-2022	---	8.33
2.	Chemical Oxygen Demand (COD)	IS: 3025 (Part 58)-2023	mg/L	25
3.	BOD at 3 days 27°C	IS: 3025 (Part 44)-2023	mg/L	6.3
4.	Total Suspended Solids	IS: 3025 (Part 17)-2022	mg/L	8
5.	Total Nitrogen	IS: 3025 (Part 34/Sec 1)-2023	mg/L	5.83
6.	Total Phosphorous	IS: 3025 (Part 31/Sec 1)-2022	mg/L	0.84
7.	Fecal Coliform	APHA 24 th Ed. 9221 E, 2023	MPN/100 mL	31

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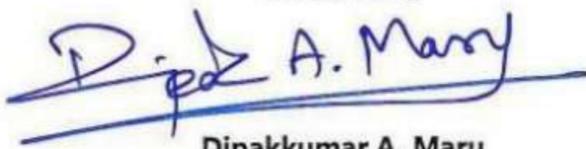
Ref No: ECECE/25/07/WW/27		Report Issue Date: 14/07/2025	
TEST REPORT			
Name of Customer	: Sewage Treatment Plant – Kamrej		
Address of Customer	: Block No: 598/1, Moje: Kamrej – 394180, Tal: Kamrej, Dist: Surat.		
Customer Contact Details	: Mr. Kiran Desai, nirvalminfra@gmail.com		
Sample ID	: ECECE/25/07/WW/27	Sample Collected by	: ECECE Team
Sample Type	: Grab	Sample Submitted by	: ECECE Team
Sample Collection Date	: 07/07/2025	Sampling Method	: IS 3025 (Part 1)
Receipt Date	: 07/07/2025	Sampling Location	: STP Outlet
Analysis Start Date	: 07/07/2025	Sample Description	: Sewage
Completion Date	: 12/07/2025	Quantity/ No. of Sample	: 1 lit/ 1 No.
Type of Container	: Plastic	Sample Temperature	: 25.8 °C
Packing/ Seal	: Cap seal	(At the time of Receipt)	

Sr. No.	Parameter	Test Method	Unit	Result
1.	pH	IS: 3025 (Part 11)-2022	---	7.86
2.	Chemical Oxygen Demand (COD)	IS: 3025 (Part 58)-2023	mg/L	38
3.	BOD at 3 days 27°C	IS: 3025 (Part 44)-2023	mg/L	8.5
4.	Total Suspended Solids	IS: 3025 (Part 17)-2022	mg/L	1
5.	Total Nitrogen	IS: 3025 (Part 34/Sec 1)-2023	mg/L	8.52
6.	Total Phosphorous	IS: 3025 (Part 31/Sec 1)-2022	mg/L	0.55
7.	Fecal Coliform	APHA 24 th Ed. 9221 E, 2023	MPN/100 mL	43

Notes:

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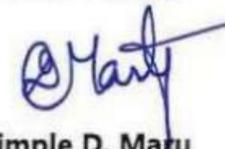
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(Technical Manager)

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Page 1 of 1

Deputy Municipal commissioner (D)
Surat Municipal Corporation

Ref No: ECECE/25/07/WW/29		Report Issue Date: 14/07/2025	
TEST REPORT			
Name of Customer	: Sewage Treatment Plant – Pasodara		
Address of Customer	: Block No: 36, Moje: Laskana – 395006, Tal: Kamrej, Dist: Surat.		
Customer Contact Details	: Mr. Kiran Desai, nirvalminfra@gmail.com		
Sample ID	: ECECE/25/07/WW/29	Sample Collected by	: ECECE Team
Sample Type	: Grab	Sample Submitted by	: ECECE Team
Sample Collection Date	: 07/07/2025	Sampling Method	: IS 3025 (Part 1)
Receipt Date	: 07/07/2025	Sampling Location	: STP Outlet
Analysis Start Date	: 07/07/2025	Sample Description	: Sewage
Completion Date	: 12/07/2025	Quantity/ No. of Sample	: 1 lit/ 1 No.
Type of Container	: Plastic	Sample Temperature	: 27.5 °C
Packing/ Seal	: Cap seal	(At the time of Receipt)	

Sr. No.	Parameter	Test Method	Unit	Result
1.	pH	IS: 3025 (Part 11)-2022	---	8.15
2.	Chemical Oxygen Demand (COD)	IS: 3025 (Part 58)-2023	mg/L	29
3.	BOD at 3 days 27°C	IS: 3025 (Part 44)-2023	mg/L	4.6
4.	Total Suspended Solids	IS: 3025 (Part 17)-2022	mg/L	6
5.	Total Nitrogen	IS: 3025 (Part 34/Sec 1)-2023	mg/L	7.29
6.	Total Phosphorous	IS: 3025 (Part 31/Sec 1)-2022	mg/L	0.51
7.	Fecal Coliform	APHA 24 th Ed. 9221 E, 2023	MPN/100 mL	17

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(Technical Manager)

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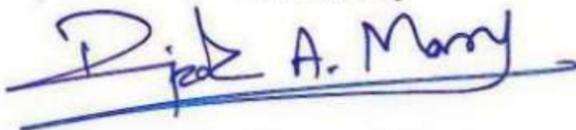
Ref No: ECECE/25/07/WW/19		Report Issue Date: 14/07/2025	
TEST REPORT			
Name of Customer	: Sewage Treatment Plant – Karjan		
Address of Customer	: Block No: 547, Moje: Karjan – 394155, Tal: Kamrej, Dist: Surat.		
Customer Contact Details	: Mr. Kiran Desai, nirvalminfra@gmail.com		
Sample ID	: ECECE/25/07/WW/19	Sample Collected by	: ECECE Team
Sample Type	: Grab	Sample Submitted by	: ECECE Team
Sample Collection Date	: 07/07/2025	Sampling Method	: IS 3025 (Part 1)
Receipt Date	: 07/07/2025	Sampling Location	: STP Outlet
Analysis Start Date	: 07/07/2025	Sample Description	: Sewage
Completion Date	: 12/07/2025	Quantity/ No. of Sample	: 1 lit/ 1 No.
Type of Container	: Plastic	Sample Temperature	: 25.8 °C
Packing/ Seal	: Cap seal	(At the time of the Receipt)	

Sr. No.	Parameter	Test Method	Unit	Result
1.	pH	IS: 3025 (Part 11)-2022	---	8.26
2.	Chemical Oxygen Demand (COD)	IS: 3025 (Part 58)-2023	mg/L	46
3.	BOD at 3 days 27°C	IS: 3025 (Part 44)-2023	mg/L	7.9
4.	Total Suspended Solids	IS: 3025 (Part 17)-2022	mg/L	3
5.	Total Nitrogen	IS: 3025 (Part 34/Sec 1)-2023	mg/L	9.47
6.	Total Phosphorous	IS: 3025 (Part 31/Sec 1)-2022	mg/L	1.05
7.	Fecal Coliform	APHA 24 th Ed. 9221 E, 2023	MPN/100 mL	21

Notes:

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(Technical Manager)

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Page 1 of 1

Deputy Municipal commissioner (D)
Surat Municipal Corporation

Ref No: ECECE/25/07/WW/33 Report Issue Date: 14/07/2025

TEST REPORT

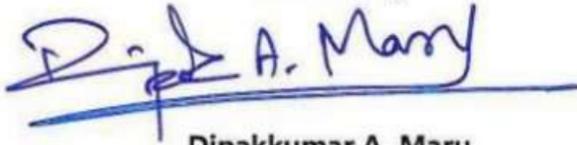
Name of Customer	: Sewage Treatment Plant – Dhoran Pardi		
Address of Customer	: Block No: 245/B/1, New Block No: 442, Moje: Dhoran Pardi – 394150, Tal: Kamrej, Dist: Surat.		
Customer Contact Details	: Mr. Kiran Desai, nirvalminfra@gmail.com		
Sample ID	: ECECE/25/07/WW/33	Sample Collected by	: ECECE Team
Sample Type	: Grab	Sample Submitted by	: ECECE Team
Sample Collection Date	: 07/07/2025	Sampling Method	: IS 3025 (Part 1)
Receipt Date	: 07/07/2025	Sampling Location	: STP Outlet
Analysis Start Date	: 07/07/2025	Sample Description	: Sewage
Completion Date	: 12/07/2025	Quantity/ No. of Sample	: 1 lit/ 1 No.
Type of Container	: Plastic	Sample Temperature	: 26.7 °C
Packing/ Seal	: Cap seal	(at the time of Receipt)	

Sr. No.	Parameter	Test Method	Unit	Result
1.	pH	IS: 3025 (Part 11)-2022	---	8.53
2.	Chemical Oxygen Demand (COD)	IS: 3025 (Part 58)-2023	mg/L	33
3.	BOD at 3 days 27°C	IS: 3025 (Part 44)-2023	mg/L	2.2
4.	Total Suspended Solids	IS: 3025 (Part 17)-2022	mg/L	3
5.	Total Nitrogen	IS: 3025 (Part 34/Sec 1)-2023	mg/L	5.80
6.	Total Phosphorous	IS: 3025 (Part 31/Sec 1)-2022	mg/L	0.03
7.	Fecal Coliform	APHA 24 th Ed. 9221 E, 2023	MPN/100 mL	14

Notes:

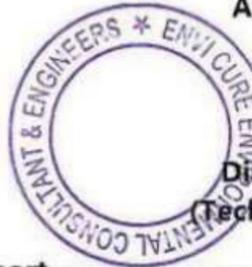
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Page 1 of 1

Deputy Municipal commissioner (D)
Surat Municipal Corporation



TC-15711

Ref No: ECECE/25/07/WW/25		Report Issue Date: 14/07/2025	
TEST REPORT			
Name of Customer	: Sewage Treatment Plant – Kathor		
Address of Customer	: Survey No: 1/1,715, Moje: Kathor – 394150, Tal: Kamrej, Dist: Surat.		
Customer Contact Details	: Mr. Kiran Desai, nirvalminfra@gmail.com		
Sample ID	: ECECE/25/07/WW/25	Sample Collected by	: ECECE Team
Sample Type	: Grab	Sample Submitted by	: ECECE Team
Sample Collection Date	: 07/07/2025	Sampling Method	: IS 3025 (Part 1)
Receipt Date	: 07/07/2025	Sampling Location	: STP Outlet
Analysis Start Date	: 07/07/2025	Sample Description	: Sewage
Completion Date	: 12/07/2025	Quantity/ No. of Sample	: 1 lit/ 1 No.
Type of Container	: Plastic	Sample Temperature	: 25.8 °C
Packing/ Seal	: Cap seal	(At the time of Receipt)	

Sr. No.	Parameter	Test Method	Unit	Result
1.	pH	IS: 3025 (Part 11)-2022	---	8.02
2.	Chemical Oxygen Demand (COD)	IS: 3025 (Part 58)-2023	mg/L	33
3.	BOD at 3 days 27°C	IS: 3025 (Part 44)-2023	mg/L	2.6
4.	Total Suspended Solids	IS: 3025 (Part 17)-2022	mg/L	9
5.	Total Nitrogen	IS: 3025 (Part 34/Sec 1)-2023	mg/L	9.77
6.	Total Phosphorous	IS: 3025 (Part 31/Sec 1)-2022	mg/L	1.03
7.	Fecal Coliform	APHA 24 th Ed. 9221 E, 2023	MPN/100 mL	34

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Page 1 of 1

Deputy Municipal commissioner (D)
Surat Municipal Corporation



TC-15711

Ref No: ECECE/25/07/WW/21		Report Issue Date: 14/07/2025	
TEST REPORT			
Name of Customer	: Sewage Treatment Plant – Bharthana		
Address of Customer	: F. P. No: 107, Moje: Bharthana – 395007, Tal: Surat City, Dist: Surat.		
Customer Contact Details	: Mr. Kiran Desai, nirvalminfra@gmail.com		
Sample ID	: ECECE/25/07/WW/21	Sample Collected by	: ECECE Team
Sample Type	: Grab	Sample Submitted by	: ECECE Team
Sample Collection Date	: 07/07/2025	Sampling Method	: IS 3025 (Part 1)
Receipt Date	: 07/07/2025	Sampling Location	: STP Outlet
Analysis Start Date	: 07/07/2025	Sample Description	: Sewage
Completion Date	: 12/07/2025	Quantity/ No. of Sample	: 1 lit/ 1 No.
Type of Container	: Plastic	Sample Temperature	: 27.5 °C
Packing/ Seal	: Cap seal	(At the time of Receipt)	

Sr. No.	Parameter	Test Method	Unit	Result
1.	pH	IS: 3025 (Part 11)-2022	---	7.95
2.	Chemical Oxygen Demand (COD)	IS: 3025 (Part 58)-2023	mg/L	42
3.	BOD at 3 days 27°C	IS: 3025 (Part 44)-2023	mg/L	3.9
4.	Total Suspended Solids	IS: 3025 (Part 17)-2022	mg/L	8
5.	Total Nitrogen	IS: 3025 (Part 34/Sec 1)-2023	mg/L	5.71
6.	Total Phosphorous	IS: 3025 (Part 31/Sec 1)-2022	mg/L	0.69
7.	Fecal Coliform	APHA 24 th Ed. 9221 E, 2023	MPN/100 mL	38

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Deputy Municipal commissioner (D)
Surat Municipal Corporation

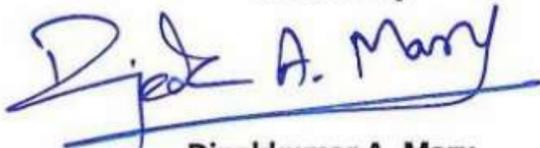
Ref No: ECECE/25/07/WW/126		Report Issue Date: 02/08/2025	
TEST REPORT			
Name of Customer	: Sewage Treatment Plant – Sarthana Jakatnaka		
Address of Customer	: TP 85 (Sarthana-Pasodara-Laskana), FP R-13, R-15, Nr. N. C. Thakar School, Gadhpur Road, Sarthana Jakatnaka, Surat City – 395009, Tal: Surat City, Dist: Surat.		
Customer Contact Details	: Mr. Chinmaybhai, ehpathan_enviro@outlook.com		
Sample ID	: ECECE/25/07/WW/126	Sample Collected by	: ECECE Team
Sample Type	: Grab	Sample Submitted by	: ECECE Team
Sample Collection Date	: 28/07/2025	Sampling Method	: IS 3025 (Part 1)
Receipt Date	: 28/07/2025	Sampling Location	: STP Outlet
Analysis Start Date	: 28/07/2025	Sample Description	: Sewage
Completion Date	: 01/08/2025	Quantity/ No. of Sample	: 1 lit & 300mL/ 1 No.
Type of Container	: Plastic & Glass	Sample Temperature	: 26.7 °C
Packing/ Seal	: Cap seal	(At the time of the Receipt)	

Sr. No.	Parameter	Test Method	Unit	Result
1.	pH	IS: 3025 (Part 11)-2022	---	7.73
2.	Chemical Oxygen Demand (COD)	IS: 3025 (Part 58)-2023	mg/L	20
3.	BOD at 3 days 27°C	IS: 3025 (Part 44)-2023	mg/L	3.0
4.	Total Suspended Solids	IS: 3025 (Part 17)-2022	mg/L	2
5.	Total Nitrogen	IS: 3025 (Part 34/Sec 1)-2023	mg/L	7.32
6.	Total Phosphorous	IS: 3025 (Part 31/Sec 1)-2022	mg/L	0.73
7.	Fecal Coliform	APHA 24 th Ed. 9221 E, 2023	MPN/100 mL	49

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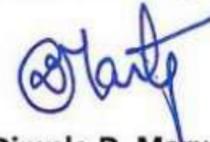
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Deputy Municipal commissioner (D)
Surat Municipal Corporation

Tinsall 100 MLD
June 2025

TREATED SEWAGE AFTER TERTIARY TREATMENT (FINAL OUTLET)																								
DATE	INLET FLOW (MG/D)	PH (AS TO 7.5)	TSS (200 Mg/Lit)	BOOD (18 Mg/Lit)	COD (45 Mg/Lit)	TKN (35 Mg/Lit)	TP (8 Mg/Lit)	FecalColiforms (2 x 10 ⁷ MPN/100 ML)	OUTLET FLOW (MG/D)	PH (6.5 TO 9.0)	TSS (<5 Mg/Lit)	BOOD (<5 Mg/Lit)	COD (<50 Mg/Lit)	TN (<10 Mg/Lit)	TP (<1 Mg/Lit)	FecalColiforms (100 MPN/20 ML)	FRC (0.5 Mg/Lit)	SILUDGE D (TONNE)	GRT WASTE (TONNE)	Kwh	Chiller Innet use SR NO:	Reuse Water		
07/06/2025	44.35	7.33	260	240	548	22	4.8	1.4	45.41	7.68	4	3.00	28.00	3.40	0.64	78	0.5			11850683	1948.382	12,000		
02/06/2025	45.25	7.38	300	320	681	24	5.4	1.6	43.52	7.66	4	4.00	31.00	3.20	0.75	89	0.5	10 trolly		1186253		6,000		
03/06/2025	46.81	7.34	240	168	452	20	5.8	1.5	46.43	7.68	3	3.00	32.00	3.80	0.79	92	0.5			1186809	1975.5038	0		
04/06/2025	44.55	7.25	320	350	684	28	6.2	1.8	44.82	7.7	3	3	33.00	4.20	0.85	96	0.2			1187334		20,000		
05/06/2025	44.73	7.26	200	204	476	22	5.4	1.6	45.92	7.64	3	4	36.00	3.80	0.69	88	0.5			1187868		30,000		
06/06/2025	43.81	7.22	180	175	376	20	4.8	1.5	45.70	7.61	3	4.00	32.00	3.20	0.75	85	0.5			1188490		34,000		
07/06/2025	43.01	7.28	280	210	464	22	4.9	1.7	45.63	7.73	3	4.00	32.00	4.30	0.87	89	0.5			1188913		18,000		
08/06/2025	41.26	7.38	180	198	416	24	5.8	1.6	41.77	7.76	3	3.00	32.00	3.80	0.78	76	0.5			1189582		0		
09/06/2025	45.81	7.33	240	190	388	28	4.4	1.5	42.48	7.64	3	4.00	32.00	3.20	0.84	84	0.2			1190190		0		
10/06/2025	43.82	7.34	220	185	368	26	4.9	1.4	44.82	7.62	3	4.00	36.00	3.20	0.76	84	0.5	4 trolly		1191275		86,000		
11/06/2025	45.87	7.36	240	192	396	30	5.2	1.6	46.94	7.58	2	3.00	32.00	3.60	0.85	92	0.5			1191913		70,000		
12/06/2025	45.34	7.27	280	204	394	32	4.8	1.7	47.27	7.75	2	4.00	38.00	3.80	0.89	94	0.5			1192548		72,000		
13/06/2025	43.36	7.37	240	190	396	21	4.9	1.5	44.73	7.73	2	4.00	36.00	3.40	0.89	94	0.5			1193786		56,000		
14/06/2025	47.87	7.31	310	247	512	24	5.2	1.6	38.00	7.72	3	5.00	36.00	4.20	0.84	96	0.5	2 trolly		1194420		24,000		
15/06/2025	43.45	7.36	300	240	495	22	4.8	1.4	44.45	7.75	2	4.00	32.00	3.80	0.79	92	0.5	6 trolly		1195054		20,000		
16/06/2025	47.21	7.3	220	199	408	32	5.4	1.6	46.38	7.78	4	4.00	42.00	4.20	0.87	94	0.5			1195677		0		
17/06/2025	70.26	6.84	180	155	312	24	4.9	1.5	65.29	7.73	3	3.00	32.00	3.80	0.86	92	0.5	2 trolly		1196278		0		
18/06/2025	61.94	7.15	220	168	311	22	5.8	1.7	59.13	7.48	3	4.00	38.00	3.40	0.76	88	0.5	10 trolly		1196913		0		
20/06/2025	50.87	7.28	240	185	361	25	5.2	1.6	58.41	7.64	2	3.00	27.00	3.60	0.82	89	0.5	7 trolly		1197546		0		
21/06/2025	50.73	7.3	240	162	338	22	4.8	1.4	60.21	7.57	3	3.00	32.00	3.80	0.85	91	0.5	1 trolly		1198351		0		
22/06/2025	51.9	7.29	200	159	337	17	5.6	1.5	62.07	7.66	2	4.00	36.00	4.20	0.89	84	0.5			1198400		0		
23/06/2025	55.07	7.33	240	192	416	22	5.4	1.6	62.25	7.39	2	2.00	24.00	3.80	0.79	89	0.5	2 trolly		1200028		0		
24/06/2025	59.51	7.19	200	195	400	20	6.2	1.4	61.43	7.47	2	3.00	28.00	3.20	0.75	84	0.5	10 trolly		1200722		0		
25/06/2025	66.33	7.28	260	225	484	24	5.4	1.3	70.82	7.54	3	4.00	36.00	3.40	0.68	82	0.5			1201391		0		
26/06/2025	63.29	7.26	16	175	362	22	5.2	1.4	62.81	7.60	3	4.00	31.00	3.80	0.72	86	0.5			1202020		0		
27/06/2025	55.29	7.12	440	255	578	28	5.5	1.6	63.43	7.64	3		35.00	3.20	0.89	72	0.5	2 trolly		1202684		0		
28/06/2025	61.94	7.33	260		417	24	4.9	1.5	58.81	7.57	2		27	3.5	0.78	74	0.5			1203306		0		
29/06/2025	53.7	7.28	180		382	22	4.4	1.4	51.95	7.55	2		31	3.8	0.82	89	0.5	6 trolly		1203306		0		
30/06/2025	53.13	7.3	260		393	28	4.8	1.6	52.1	7.6	2.8	3.6	32.2	3.7	0.8	87.2	0.5	0.00		1203306	1975.5038	86,000	0	
AVG	50.96	7.3	235.9		432.0	23.9	5.2	1.5	52.1	7.62	2.8	3.6	32.2	3.7	0.8	87.2	0.5	0		1185683	1948.382	0	0	
MAX	70.39	7.38	440		684	32	6.2	1.8	70.82	7.66	4	5.00	38.00	4.20	0.84	92	0.2	0		3582705.0	3923.9	0	0	
MIN	41.26	6.84	16		311	17	4.4	1.3	38.00	7.39	2	2.00	24.00	3.20	0.64	72	0.2	0				0	0	
TOTAL	1528.8	218.4	7076.0		5583.0	717.0	156.2	46.0	1565.3	229.1	85.0	97.0	966.0	110.0	24.0	2617.0	14.4	0.0	0.0			528000.0	0.0	


 Dy. Ex. Engineer
 (Sewage Division)

KAPURAI OLD 43 MLD SEWAGE TREATMENT PLANT - VADODARA

01/06/2025

Date	RAW SEWAGE WATER						U.A.S.B OUTLET						SECONDARY CLARIFIER/FINAL OUTLET						MLSS				TREATED RAW WATER (LITRE)	SOLID WASTE (TONNE)	GRT WASTE (TONNE)	SANDS OBTAINED (TONNE)	KWH
	Flow	pH	Raw Sewage (Composite)			pH	TSS (mg/l)	BOD (mg/l)	COD (mg/l)	TSS (mg/l)	BOD (mg/l)	COD (mg/l)	pH	Final Treated Sewage			AT - 1	AT - 2									
			TSS (mg/l)	BOD (mg/l)	COD (mg/l)									TSS (mg/l)	BOD (mg/l)	COD (mg/l)			<30	<20	<100						
01/06/2025	(MLD)	6.5 - 7.8	<456	<172	<412	6.71	64	38	130	6.72	58	42	124	14	15	12	54	3420	3420	3510	3570						1571881
02/06/2025	42.56	6.60	330	130	344	6.72	62	40	132	7.21	18	16	14	14	12	64	54	3450	3420.00	3510	3570						1572585
03/06/2025	42.65	6.62	330	128	340	6.7	58	40	138	7.18	14	14	14	13	58	54	3450	3450.00	3510	3570						1573272	
03/06/2025	42.66	6.61	332	130	344	6.69	60	44	128	7.19	16	16	15	15	60	54	3580	3580.00	3510	3570						1574138	
05/06/2025	42.79	6.6	330	130	340	6.7	64	36	125	7.2	20	20	15	15	60	58	3580	3580.00	3510	3570						1575044	
06/06/2025	42.66	6.59	328	128	344	6.71	60	40	132	7.22	18	18	14	14	58	54	3485	3485.00	3510	3570						1576291	
07/06/2025	42.62	6.63	332	132	348	6.72	58	42	124	7.21	16	16	12	12	62	54	3420	3420.00	3510	3570						1576912	
08/06/2025	42.71	6.61	334	130	340	6.70	60	38	130	7.20	14	14	14	14	62	54	3505	3505.00	3510	3570						1577577	
09/06/2025	42.68	6.63	328	132	344	6.72	58	40	130	7.22	14	14	12	12	62	54	3580	3580.00	3510	3570						1578183	
10/06/2025	42.62	6.59	330	130	340	6.7	60	38	128	7.21	16	16	13	13	58	54	3510	3510.00	3510	3570						1578911	
11/06/2025	40.93	6.61	332	132	344	6.72	62	40	132	7.22	12	12	12	12	60	58	3485	3485.00	3510	3570						1579492	
12/06/2025	41.87	6.6	330	128	344	6.7	54	36	130	7.22	14	14	14	14	60	54	3510	3510.00	3510	3570						1580107	
13/06/2025	42.57	6.62	330	126	340	6.72	54	36	128	7.21	16	16	14	14	54	54	3555	3555.00	3510	3570						1580768	
14/06/2025	42.62	6.6	332	128	344	6.7	60	42	128	7.22	16	16	14	14	56	54	3595	3595.00	3510	3570						1581384	
15/06/2025	42.65	6.62	328	130	340	6.72	54	40	132	7.22	14	14	14	14	56	56	3580	3580.00	3510	3570						1582003	
16/06/2025	42.58	6.64	330	128	344	6.74	50	42	128	7.24	16	16	12	12	56	56	3505	3505.00	3510	3570						1582245	
17/06/2025	42.57	6.62	332	128	340	6.73	54	40	130	7.22	18	18	12	12	54	54	3535	3535.00	3510	3570						1582553	
18/06/2025	42.78	6.6	330	130	340	6.72	58	38	128	7.23	16	16	14	14	52	54	3485	3485.00	3510	3570						1582886	
19/06/2025	42.64	6.63	330	132	344	6.72	56	36	130	7.24	16	16	13	13	54	54	3520	3520.00	3510	3570						1583197	
20/06/2025	42.72	6.62	332	128	340	6.73	55	38	132	7.22	15	15	14	14	56	56	3555	3555.00	3510	3570						1583513	
21/06/2025	42.67	6.6	330	126	340	6.72	58	40	128	7.21	14	14	14	14	58	58	3520	3520.00	3510	3570						1583834	
22/06/2025	42.7	6.62	330	128	336	6.72	60	38	130	7.23	16	16	14	14	58	58	3475	3475.00	3510	3570						1584122	
23/06/2025	42.32	6.63	332	130	340	6.73	64	40	132	7.24	14	14	13	13	58	58	3540	3540.00	3510	3570						1584398	
24/06/2025	42.57	6.62	330	128	344	6.72	60	38	130	7.23	14	14	12	12	54	54	3590	3590.00	3510	3570						1584733	
25/06/2025	42.74	6.6	328	132	340	6.71	60	40	128	7.21	14	14	14	14	58	58	3585	3585.00	3510	3570						1585016	
26/06/2025	42.58	6.59	330	130	344	6.7	58	36	132	7.21	16	16	13	13	54	54	3555	3555.00	3510	3570						1585321	
27/06/2025	42.71	6.62	332	128	340	6.73	56	38	130	7.22	15	15	14	14	58	58	3580	3580.00	3510	3570						1585647	
28/06/2025	42.64	6.6	330	128	336	6.71	58	36	132	7.21	14	14	14	14	58	58	3580	3580.00	3510	3570						1585940	
29/06/2025	42.7	6.63	328	128	344	6.70	60	40	128	7.20	16	16	14	14	60	60	3510	3510.00	3510	3570						1586254	
30/06/2025	42.73	6.6	332	130	348	6.74	54	42	132	7.22	14	14	14	14	52	52	3485	3485.00	3510	3570						1586402.03	
Avg	42.57	6.61	330.33	129.41	341.93	6.72	58.30	39.04	130.03	7.22	15.33	13.19	13.19	13.19	57.47	57.47	3620.67	3620.67	3519.50	3570						1586402.03	
Min	40.93	6.59	328.00	126.00	336.00	6.69	50.00	36.00	124.00	7.18	12.00	12.00	12.00	12.00	52.00	52.00	3420.00	3420.00	3420.00	3570						1571881.00	
Max	42.99	6.64	334.00	132.00	348.00	6.74	64.00	44.00	138.00	7.24	20.00	16.00	16.00	16.00	64.00	64.00	3595.00	3595.00	3590.00	3570						1586254.00	
Total	1277.13	198.34	9910.00	3494.00	10258.00	201.45	1749.00	1054.00	3901.00	216.47	460.00	356.00	356.00	356.00	1724.00	1724.00	105620.00	105620.00	105585.00	105585.00						47412061.00	

Handwritten signature and stamp:
 Dy. Engr. **Prashant**
 (Sewerage D. Works)

332

16 MLD Sapaji Garden Sewage Treatment Plant - Vadodra

June 2025

DATE	RAW SEWAGE WATER										TREATED SEWAGE AFTER TERTIARY TREATMENT (FINAL EFFLUENT)										TREATED REUSE WATER (TRRW)				SOLID WASTE (TONNES)		MUDS GENERATED (TONNES)		KWH
	INLET FLOW (MLD)	PH	T.S.S. (200 mg/l)	BOD5 (210 mg/l)	COD (400 mg/l)	TKN (40 mg/l)	TP (8 mg/l)	FecalColiform (10 ⁶ MPN/100 ml)	OUTLET FLOW (MLD)	PH (7.0-8.5)	T.S.S. (<10 mg/l)	BOD5 (<10 mg/l)	COD (<50 mg/l)	TKN (<10 mg/l)	TP (<2 mg/l)	FecalColiform (<100 MPN/100 ml)	PHC (6.5 mg/l)	Industrial	Domestic	Jailing	CHIT WASTE (TONNES)	GENERATED (TONNES)	CHIT WASTE (TONNES)	GENERATED (TONNES)	KWH				
01/02/25	7.04	7.4	200	160	280	12	1.3		7.3	3	5	30	5	1.2				5,000	5,000						279				
02/02/25	4.4	7.5	240	140	300	18	1.4		7.2	3	3	40	8	1.1				5,000	5,000						274				
03/02/25	11.1	7.1	240	120	210	14	1.2	>10 ⁷	7.2	4	2	40	3	1.1				5,000	5,000						274				
04/02/25	10.2	7.5	180	100	100	16	1.3		7.4	2	4	20	6	1.2				5,000	5,000						433				
05/02/25	12.7	7.3	200	160	230	14	1.2		7.2	4	3	30	7	1.1				5,000	5,000						382				
06/02/25	12	7.4	160	170	260	12	1.3		7.2	2	2	20	5	1.1				5,000	5,000						389				
07/02/25	11.2	7.3	220	140	200	20	1.2		7.2	3	3	30	4	1.1				5,000	5,000						381				
08/02/25	12	7.5	140	100	200	12	1.3		7.1	2	2	20	3	1.1				5,000	5,000						381				
09/02/25	11.9	7.3	180	120	210	18	1.4		7.2	4	5	30	5	1.2				5,000	5,000						441				
10/02/25	12.3	7.4	220	160	240	13	1.5	>10 ⁷	7.3	2	2	20	3	1.2				5,000	5,000						240				
11/02/25	11.6	7.4	140	120	230	14	1.3		7.1	4	2	40	4	1.1				5,000	5,000						174				
12/02/25	12.4	7.3	200	140	250	15	1.4		7.2	2	2	20	2	1.2				5,000	5,000						143				
01/03/25	10.9	7.5	120	100	100	20	1.3		7.3	2	2	20	2	1.1				5,000	5,000						246				
02/03/25	7.7	7.1	180	110	240	18	1.5		7.1	3	3	40	2	1.2				5,000	5,000						44				
03/03/25	15	7.2	160	80	200	16	1.3		7.3	4	4	20	2	1.1				5,000	5,000						169				
04/03/25	15.3	7.1	220	140	260	20	1.6		7.2	3	5	30	6	1.2				5,000	5,000						213				
05/03/25	17.9	7.4	180	160	310	18	1.3	>10 ⁷	7.5	2	2	30	5	1.1				5,000	5,000						157				
06/03/25	13.9	7.4	120	210	300	14	1.5		7.2	2	2	20	6	1.2				5,000	5,000						203				
07/03/25	20	7.3	200	130	170	16	1.2		7.4	3	5	20	4	1.1				5,000	5,000						166				
08/03/25	15.2	7.3	180	100	210	18	1.4		7.1	4	4	40	5	1.2				5,000	5,000						169				
09/03/25	15.4	7.2	220	130	200	20	1.5		7.3	2	2	40	8	1.2				5,000	5,000						182				
10/03/25	15.6	7.3	160	110	200	14	1.3		7.2	3	2	40	4	1.1				5,000	5,000						173				
11/03/25	14.5	7.2	180	160	280	22	1.2		7.2	4	9	30	4	1.1				5,000	5,000						184				
12/03/25	14.5	7.1	140	140	220	18	1.4	>10 ⁷	7.2	4	5	40	3	1.2				5,000	5,000						294				
01/04/25	16.7	7.4	160	100	230	20	1.7		7.3	2	6	30	4	1.1				5,000	5,000						213				
02/04/25	14.6	7.1	240	130	210	15	1.7		7.2	4	8	40	3	1.2				5,000	5,000						243				
03/04/25	16.1	7	160	100	150	22	1.6		7.4	5	5	50	7	1.1				5,000	5,000						195				
04/04/25	14.2	7.2	200	220	220	20	1.6		7.5	7	7	50	8	1.1				5,000	5,000						195				
05/04/25	12.8	7.3	180	160	160	18	1.6		7.4	3	3	40	5	1.1				5,000	5,000						200				
06/04/25	14.2	7.2	160	160	180	14	1.8		7.6	4	4	30	4	1.2				5,000	5,000						251.91				
AVG	13.24	7.30	183.57	129.63	231.79	16.75	1.35		7.24	2.91	3.43	28.70	4.52	1.15				28538.46	28538.46						641				
MAX	20	7.5	240	210	310	22	1.6		7.5	4	9	2	2	1.1				5,000	5,000						44				
MIN	4.4	7	120	80	150	12	1.2		7.1	2	2	20	2	1.1				5,000	5,000						44				
TOTAL	370.74	204.3	5140	3500	6490	469	32.5		166.6	67	79	660	104	26.4				345,000	345,000						5542				

Signature
 Dy. Ex. Engineer
 (Sewage D. Works)

CHHANI 21 MILD SEWAGE TREATMENT PLANT (EXTENDED AERATION)																			
June 2025																			
SEWAGE D. WORKS																			
YADODARA MUNICIPAL CORPORATION																			
RAW SEWAGE WATER																			
DATE	INLET FLOW (MLD)	PH (6.5 - 7.8)	T.S.S (280 mg/lit.)	B.O.D (218 mg/lit.)	C.O.D (480 mg/lit.)	FecalColi Forms (2 X 10 ⁻⁷ MPN/100 ml)	PH (7.0 - 8.5)	T.S.S (< 5 mg/lit.)	BOD (< 5 mg/lit.)	COD (< 100 mg/lit.)	FecalColi Forms (< 1000 MPN / 100 ml.)	FRC (0.5 mg/lit.)	TREATED REUSE WATER (LITRE)	SOLID WASTE (TONNE)	GRIT WASTE (TONNE)	chlorine tonner NO	SLUDGE GENERATE D (TONNE)	POWER CONSUMP TION (KWH)	
05-05-2025	26.25	6.79	190	150	380		7.36	20	9	54.8									
01-06-2025	25.2	6.81	180	160	382		7.37	19	10	58									
02-06-2025	25.02	6.79	195	150	378		7.35	18	12	57									
03-06-2025	25.9	6.78	185	165	380		7.38	20	10	56.8									
04-06-2025	26.42	6.77	200	150	388		7.39	22	9	60									
05-06-2025	25.55	6.76	190	155	386		7.37	19	12	56.4									
06-06-2025	24.32	6.77	185	150	382		7.36	18	9	56									
07-06-2025	27.3	6.78	180	160	388		7.39	19	13	56									
08-06-2025	25.2	6.8	190	155	385.6		7.38	20	12	60									
09-06-2025	27.12	6.79	185	170	378		7.37	19	13	56									
10-06-2025	26.42	6.78	200	150	390		7.35	18	12	60									
11-06-2025	26.42	6.78	200	150	390		7.39	18	13	58.4									
12-06-2025	25.2	6.8	185	155	386		7.38	19	12	52									
13-06-2025	25.72	6.76	180	160	372		7.35	21	10	58									
14-06-2025	26.42	6.78	190	150	382		7.35	19	12	57.6									
15-06-2025	27.12	6.76	180	140	380		7.36	21	10	54.8									
16-06-2025	25.9	6.78	185	130	382		7.36	17	9	58									
17-06-2025	25.72	6.96	180	150	380		7.32	19	11	60									
18-06-2025	25.9	6.95	175	135	380		7.36	19	12	59.6									
19-06-2025	28.7	6.92	180	160	385		7.3	21	10	60									
20-06-2025	28.52	6.81	180	150	376		7.38	18	10	60									
21-06-2025	25.9	6.79	190	150	388		7.37	22	8	58.7									
22-06-2025	25.9	6.77	180	145	382		7.36	20	9	60									
23-06-2025	28.7	6.78	195	150	376		7.4	19	9	54									
24-06-2025	30.8	6.82	200	155	360		7.39	18	10	54									
25-06-2025	28.7	6.83	180	148	350		7.4	19	8	52									
26-06-2025	29.4	6.81	185	146	352		7.38	20	7	54.8									
27-06-2025	27.82	6.78	190	150	348		7.37	22	8	54									
28-06-2025	27.12	6.79	185	145	344		7.38	18	7	52									
29-06-2025	27.12	27.12	180		350		7.38	18		50									
30-06-2025	25.72	25.72	190		352		7.39	22		52									
AVG	26.70	8.11	186.33	151.21	374.75														
MIN.	24.32	6.76	175	130	344														
MAX.	30.8	27.12	200	170	390														
TOTAL	801.08	-	-	-	-		-	-	-	-		-	0	0	0		0	0	0

21/7/25

Dy. Ex. Engineer
(Sewage D. Works)

Signature

June - 2025

43 MLD Alindara (OLD) STP

DATE	RAW SEWAGE WATER					U/ASH OUTLET					SECONDARY CLARIFIER/FINAL OUTLET					TREATED REUSE WATER		SLUDGE GENERATED (TONNE)	KWH		
	INLET FLOW (MLD)	PH (6.5 - 7.8)	T.S.S (456 mg/lit.)	B.O.D (412 mg/lit.)	C.O.D (655 mg/lit.)	PH	TSS (mg/l)	BOD (mg/l)	COD (mg/l)	PH (7.0 - 8.5)	T.S.S (< 100 mg/lit.)	BOD (< 30 mg/lit.)	COD (< 100 mg/lit.)	M.L.S.S A.T.1	M.L.S.S A.T.2	Indust (litre)	gardening			jetting	
01-06-2025	41.8	7.2	178	281	246	7.3	68	164	178	7.4	26	17	79	28.31	28.25	35,000	2798.67	2823.53	41166.67	#DN/01	346.09
02-06-2025	41.57	7.1	197	366	215	7.3	74	158	148	7.5	29	18	86	2792	2810	25,000	2750.00	2766.00	15000.00	0.00	225.00
03-06-2025	41.06	7.3	167	277	276	7.4	63	120	156	7.3	24	19	73	2876	2925	55,000	2878.00	2925.00	84000.00	0.00	415.00
04-06-2025	40.59	7.3	153	285	269	7.2	76	136	149	7.4	26	16	85	2789	2799	30,000	2766.00	2825	49000.00	0.00	325.00
05-06-2025	23.3	7.2	146	263	170	7.4	69	125	170	7.3	25	16	69	2766	2825	35,000	2756.00	2855	49000.00	0.00	353.00
06/06/2025	20.23	7.4	153	291	165	7.2	64	158	169	7.3	27	17	72	2796	2821	-	2755	2810	-	-	336.00
07-06-2025	14.14	7.4	148	273	176	7.3	61	169	179	7.2	24	19	76	2796	2821	-	2755	2810	-	-	336.00
08-06-2025	16.12	7.5	167	289	176	7.3	70	185	152	7.4	26	15	81	2805	2796	84,000	2805.00	2796	375.1	404.8	
09-06-2025	23.11	7.3	200	268	166	7.2	60	136	170	7.2	22	18	78	2800	2768	70,000	2751.00	2768	359.4	404.8	
10-06-2025	20.8	7.5	186	259	193	7.4	76	129	158	7.6	21	19	88	2751	2789	-	2793	2811	-	214.3	
11-06-2025	19.68	7.6	193	263	181	7.4	83	130	167	7.5	20	17	89	2768	2786	60,000	2820.00	2793	60,000	15,000	358.00
12-06-2025	24.68	7.4	176	253	188	7.5	76	139	154	7.5	26	18	75	2778	2815	15,000	2778.00	2815	35,000	323.00	
13-06-2025	20.11	7.3	151	253	186	7.4	71	125	148	7.6	25	17	71	2819	2798	-	2750	2783	-	377.00	
14-06-2025	21.5	7.5	140	286	186	7.5	66	169	162	7.5	24	17	66	2750	2783	30,000	2750.00	2783	30,000	378.00	
15-06-2025	22.57	7.4	136	269	167	7.3	68	128	150	7.5	25	15	66	2819	2832	-	2750	2783	-	361.00	
16-06-2025	14.72	7.2	136	248	218	7.3	86	163	148	7.5	28	17	79	2848	2809	-	2796	2809	-	327.00	
17-06-2025	37.06	7.3	154	253	176	7.2	86	144	172	7.4	28	19	73	2796	2809	-	2796	2809	-	309.00	
18-06-2025	24.34	7.2	166	273	265	7.3	78	174	174	7.6	26	15	85	2878	2826	-	2797	2826	-	327.00	
19-06-2025	33.82	7.3	178	258	210	7.4	83	175	160	7.4	27	18	82	2797	2892	-	2768	2793	-	289.00	
20-06-2025	14.37	7.3	152	270	198	7.2	86	163	158	7.4	24	17	91	2766	2835	-	2766	2835	-	225.00	
21-06-2025	29.85	7.4	192	310	210	7.3	84	178	161	7.5	26	19	86	2766	2782	-	2766	2782	-	282.00	
22-06-2025	18.69	7.2	174	285	210	7.2	75	129	177	7.5	28	16	73	2836	2835	-	2766	2835	-	345.00	
23-06-2025	15.9	7.3	219	273	187	7.4	75	149	147	7.5	24	18	94	2766	2835	-	2766	2835	-	345.00	
24-06-2025	19.68	7.2	168	258	236	7.2	69	149	147	7.5	28	15	81	2838	2873	-	2766	2873	-	415.00	
25-06-2025	15.11	7.4	192	235	248	7.3	84	173	162	7.6	24	15	87	2790	2818	-	2790	2818	-	236.00	
26-06-2025	31.37	7.3	163	298	225	7.2	82	198	186	7.6	29	18	87	2758	2843	-	2758	2843	-	256.00	
27-06-2025	17.46	7.3	155	269	196	7.4	69	169	145	7.5	27	15	83	2786	2855	-	2786	2855	-	325.00	
28-06-2025	14.13	7.3	185	246	205	7.3	78	142	163	7.4	24	19	79	2756	2810	-	2755	2810	-	353.00	
29-06-2025	18.46	7.3	195	246	181	7.4	63	158	170	7.5	25	15	85	2846	2875	-	2846	2875	-	336.00	
30-06-2025	15.26	7.5	168	225	225	7.3	75	158	158	7.6	27	17	85	2846	2875	-	2846	2875	-	346.09	
Avg.	23.70	7.33	170.03	273.79	204.97	7.31	73.43	154.18	162.03	7.46	25.60	17.32	80.87	2798.67	2823.53	41166.67	2798.67	2823.53	41166.67	#DN/01	346.09
Min.	14.13	7.10	136.00	235.00	165.00	7.20	60.00	120.00	145.00	7.20	20.00	15.00	66.00	2750.00	2766.00	15000.00	2750.00	2766.00	15000.00	0.00	225.00
Max.	41.80	7.60	219.00	366.00	276.00	7.50	86.00	198.00	186.00	7.60	29.00	19.00	94.00	2878.00	2925.00	84000.00	2878.00	2925.00	84000.00	0.00	415.00
Total	710.94															494000.00		0.00			10392.60

Dr. Ex. Engineer
(Sewerage & Water)

June 2025

RAW SEWAGE WATER										TREATED SEWAGE AFTER TERTIARY TREATMENT (FINAL OUTLET)										SILTAGE GENERAT ED (TONNE)	GRIT WASTE (TONNE)	Kwh
DATE	INLET FLOW (MLD)	PH (6.5 TO 7.8)	TSS(280 Mg/L)	BOD(118 Mg/L)	COD(426 Mg/L)	TKN(35 Mg/L)	TP (8Mg/L)	FecalCol Form (2 X 10 ⁻⁷ MPN/100 ML)	OUTLET FLOW (MLD)	PH (7.0 TO 8.5)	TSS (<10 Mg/L)	BOD (<10 Mg/L)	COD (<50 Mg/L)	TN (<10 Mg/L)	TP (<2 Mg/L)	FecalCol Form (< 100 MPN/100 ML)	FRC (0.5 Mg/L)					
01-06-2025	42.10	6.6	230	130	236	13.01	3.02	10 ⁻⁷	41.68	7.61	4.0	4.0	40	2.98	1.02	10 ⁻²	0.2	0.20	366529			
02-06-2025	36.12	6.63	228	128	240	12.96	2.99		33.55	7.60	4.0	4.0	44	2.98	1.01		0.2	0.20	367891			
03-06-2025	32.05	6.61	234	124	244	12.98	3.01		33.52	7.63	4.0	4.0	40	3.01	1.04		0.1	0.20	366089			
04-06-2025	43.92	6.62	230	130	236	13.02	2.98		43.54	7.60	3.0	5.0	36	3.02	1.02		0.1	0.19	370603			
05-06-2025	40.30	6.6	230	128	240	12.96	3.01		41.94	7.62	3.0	4.0	40	3.03	1.01		0.2	0.21	371982			
06-06-2025	34.88	6.62	228	130	244	13.02	2.98		33.27	7.60	4.0	4.0	36	2.99	1.01		0.2	0.20	373376			
07-06-2025	37.78	6.6	234	132	240	13.01	3.04	10 ⁻⁷	37.07	7.64	3.0	3.0	44	3.02	1.02	10 ⁻²	0.1	0.20	374850			
08-06-2025	34.12	6.61	232	128	236	13.04	3.01	10 ⁻⁷	34.82	7.62	4.0	4.0	36	3.04	1.04	10 ⁻²	0.1	0.22	374388			
09-06-2025	49.02	6.63	228	130	232	12.98	2.98	10 ⁻⁷	47.29	7.60	4.0	3.0	28	3.01	1.02	10 ⁻²	0.1	0.22	377925			
10-06-2025	47.57	6.6	228	128	240	13.01	3.03		47.75	7.62	4.0	4.0	40	3.01	1.04		0.1	0.21	377903			
11-06-2025	48.09	6.62	230	132	244	13.02	3.01		48.28	7.63	4.0	4.0	36	3.02	1.01		0.1	0.20	381570			
12-06-2025	56.41	6.61	228	126	236	12.98	3.04		52.77	7.62	3.0	3.0	32	2.99	1.00		0.1	0.20	384014			
13-06-2025	47.71	6.63	230	128	232	13.01	2.98		48.77	7.63	4.0	4.0	32	3.01	1.02		0.2	0.21	386091			
14-06-2025	36.03	6.62	232	130	236	13.02	3.02		41.18	7.60	4.0	4.0	36	3.02	1.03	10 ⁻²	0.1	0.20	388092			
15-06-2025	59.94	6.6	230	128	240	12.98	3.01	10 ⁻⁷	56.31	7.61	4.0	5.0	40	3.04	1.01	10 ⁻²	0.1	0.20	390109			
16-06-2025	56.56	6.63	228	130	240	13.03	3.02		59.90	7.62	4.0	4.0	44	3.02	1.04		0.2	0.20	392347			
17-06-2025	57.29	6.61	230	126	236	12.97	2.98		54.53	7.63	3.0	4.0	32	2.97	1.00		0.1	0.20	393903			
18-06-2025	55.49	6.63	228	128	232	13.02	3.02		57.71	7.62	3.0	4.0	32	3.02	1.02		0.2	0.20	395133			
19-06-2025	67.53	6.62	230	130	236	12.98	3.01		65.54	7.62	4.0	4.0	36	2.98	1.03		0.1	0.20	397855			
20-06-2025	51.92	6.64	228	126	232	13.02	2.97		54.34	7.65	3.0	3.0	28	3.01	1.01		0.2	0.19	400169			
21-06-2025	58.38	6.62	230	128	236	12.97	2.98		60.51	7.62	4.0	4.0	32	3.02	1.04		0.1	0.20	402244			
22-06-2025	60.15	6.63	232	130	240	12.99	3.02	10 ⁻⁷	62.95	7.63	3.0	4.0	36	3.03	1.02	10 ⁻²	0.1	0.21	404198			
23-06-2025	35.03	6.61	230	130	236	13.02	3.01		33.60	7.62	4.0	4.0	36	2.98	1.03		0.2	0.20	405953			
24-06-2025	58.78	6.62	228	128	236	12.97	2.98		59.99	7.63	3.0	4.0	36	2.98	1.01		0.1	0.20	407817			
25-06-2025	53.38	6.6	230	130	240	13.01	3.02		62.25	7.61	4.0	5.0	40	3.01	1.03		0.1	0.20	409923			
26-06-2025	60.92	6.62	228	126	232	12.98	3.00		55.13	7.60	3.0	4.0	32	2.99	1.05		0.1	0.20				
27-06-2025	63.48	6.61	232	128	236	13.02	3.03		62.85	7.61	4.0	4.0	36	3.02	1.02		0.2	0.20	414143			
28-06-2025	60.22	6.63	230		232	12.97	2.98		63.62	7.63	3.0		32	2.97	1.01		0.1	0.20	415456			
29-06-2025	61.28	6.62	228		236	13.02	2.98	10 ⁻⁷	60.53	7.60	4.0		36	2.99	1.02	10 ⁻²	0.1	0.20	418870			
30-06-2025	54.24	6.63	234		240	13.04	3.01		56.27	7.62	3.00		40.00	3.01	1.04		0.20	0.21	420516			
Avg	50.04	6.62	229.93		128.59	13.00	3.00	10 ⁻⁷	50.38	7.62	3.60	3.93	36.27	3.01	1.02	10 ⁻²	0.13	0.30	391000.66			
MAX	67.53	6.64	234		132	13.04	3.04	10 ⁻⁷	65.54	7.65	4.0	5.0	44	3.04	1.05	10 ⁻²	0.2	0.22	420216			
MIN	32.05	6.6	228		124	12.96	2.97	10 ⁻⁷	33.27	7.60	3.0	3.0	28	2.97	1.00	10 ⁻²	0.1	0.19	366529			
TOTAL	1501.19	198.52	6898		3472	390.01	90.12	10 ⁻⁷	1511.46	228.54	108	106	1088	90.21	30.67	10 ⁻²	4	11.16	6.07	1139019		

Dr. K. S. Dhanraj
(Sewerage Engineer)

50 MID CHHANI NEW SEWAGE TREATMENT PLANT - VADODARA

JUNE 2025

RAW SEWAGE WATER										TREATED SEWAGE WATER (FINAL OUTLET)										TREATED REUSE WATER (LTR)						SOLID WASTE (TONNE)			LIQUID WASTE (TONNE)			SUDGE GENERATED (TONNE)			KWH		Chlorine Tonne
DATE	INLET FLOW (MUD)	PH	TSS	R.O.D	C.O.D	TKN	TP	FecalColi Forms (2 x 10 ⁷ MPN/100 ml)	OUTLET FLOW (MUD)	PH	TSS	BOD	COO	TKN	TP	FecalColi Forms (<100 MPN/100 ml)	FRC	Industrial	Gardening	Jetting	SOLID WASTE (TONNE)	GRIT WASTE (TONNE)	SUDGE GENERATED (TONNE)	KWH	DIFFERENCE	Chlorine Tonne											
	(6.5 - 7.8)	(7.20 - 7.50)	(120 mg/ltr.)	(210 mg/ltr.)	(480 mg/ltr.)	(35 mg/ltr.)	(8 mg/ltr.)		(7.0 - 8.5)	(4 - 10)	(4 - 10)	(50 mg/ltr.)	(4 - 10)	(2 mg/ltr.)			(0.5 mg/ltr.)																				
06-01-2025	29.75	7.40	120	158	248	12.48	2.40	>10 ⁷	30.62	7.44	4.0	5	45	2.38	0.40	0.5	0	0	20000	0	0	0.00	0.00	0.00	670531.00	GC-1879-1318											
06-02-2025	36.44	7.30	188	191	242	12.38	2.50	>10 ⁷	35.33	7.48	5.0	4	48	2.41	0.30	0.4	0	0	15000	0	0	0.00	3.90	0.00	671621.00	GC-1879-1318											
06-03-2025	40.65	7.50	191	181	241	12.41	2.30	>10 ⁷	38.31	7.41	3.0	3	42	2.38	0.40	0.3	0	0	20000	0	0	1.50	0.00	0.00	672941.00	GC-1879-520											
06-04-2025	40.67	7.40	192	188	245	12.41	2.40	>10 ⁷	42.34	7.42	4.0	4	41	2.42	0.50	0.4	0	0	20000	0	0	0.00	0.00	0.00	674255.00	GC-1879-520											
06-05-2025	36.54	7.30	182	148	250	12.42	2.30	>10 ⁷	37.38	7.51	5.0	5	43	2.52	0.40	0.3	0	0	20000	0	0	0.00	0.00	0.00	675600.00	GC-1879-520											
06-06-2025	36.65	7.30	198	192	241	12.31	2.40	>10 ⁷	34.23	7.42	4.0	4	41	2.41	0.30	0.4	0	0	5000	0	0	0.00	0.00	0.00	676738.00	GC-1879-520											
06-07-2025	36.79	7.40	199	188	242	12.31	2.40	>10 ⁷	37.83	7.41	4.0	3	41	2.44	0.40	0.3	0	0	5000	0	0	0.00	0.00	0.00	679206.00	GC-1879-520											
06-08-2025	37.20	7.50	195	192	238	12.44	2.30	>10 ⁷	36.95	7.38	4.0	4	44	2.42	0.30	0.4	0	0	0	0	0	0.00	0.00	0.00	679688.00	GC-1879-520											
06-09-2025	36.34	7.30	184	199	248	12.32	2.40	>10 ⁷	36.74	7.42	4.0	4	45	2.43	0.40	0.4	0	0	0	0	0	1.50	0.00	0.00	681471.00	GC-1879-520											
06-10-2025	37.75	7.40	191	188	242	12.41	2.50	>10 ⁷	37.14	7.45	5.0	5	41	2.46	0.50	0.3	0	0	5000	0	0	0.00	0.00	0.00	682865.00	GC-1879-520											
06-11-2025	35.83	7.30	187	184	241	12.38	2.40	>10 ⁷	35.82	7.47	4.0	4	42	2.39	0.40	0.4	0	0	20000	0	0	0.00	0.00	0.00	684071.00	GC-1879-520											
06-12-2025	37.37	7.50	182	141	248	12.31	2.50	>10 ⁷	37.12	7.48	3.0	3	48	2.38	0.50	0.5	0	0	15000	0	0	0.00	0.00	0.00	685186.00	GC-1879-520											
06-13-2025	39.97	7.40	199	184	244	12.32	2.40	>10 ⁷	38.45	7.41	4.0	4	49	2.36	0.40	0.4	0	0	20000	0	0	0.00	0.00	0.00	685186.00	GC-1879-520											
06-14-2025	37.49	7.30	184	182	242	12.41	2.40	>10 ⁷	37.12	7.42	4.0	4	49	2.37	0.40	0.4	0	0	40000	0	0	0.00	0.00	0.00	687871.00	GC-1879-520											
06-15-2025	37.61	7.50	199	148	239	12.33	2.40	>10 ⁷	38.17	7.50	5.0	3	45	2.42	0.30	0.4	0	0	40000	0	0	0.00	0.00	0.00	689656.00	GC-1879-520											
06-16-2025	43.67	7.4	196	152	248	12.38	2.40	>10 ⁷	53.57	7.44	3.0	5	42	2.41	0.40	0.5	0	0	0	0	0	1.50	0.00	0.00	692562.00	GC-1879-520											
06-17-2025	44.90	7.40	199	184	231	12.42	2.40	>10 ⁷	41.08	7.42	4.0	4	45	2.38	0.30	0.4	0	0	0	0	0	0.00	0.00	0.00	693887.00	GC-1879-520											
06-18-2025	44.86	7.20	192	175	243	12.40	2.30	>10 ⁷	50.24	7.40	5.0	4	43	2.39	0.40	0.5	0	0	0	0	0	0.00	0.00	0.00	695742.00	GC-1879-520											
06-19-2025	50.84	7.40	188	183	245	12.41	2.40	>10 ⁷	36.13	7.41	3.0	5	42	2.38	0.40	0.4	0	0	0	0	0	0.00	0.00	0.00	697473.00	GC-1879-520											
06-20-2025	49.11	7.30	191	188	248	12.48	2.50	>10 ⁷	50.48	7.48	4.0	4	48	2.49	0.40	0.4	0	0	0	0	0	0.00	0.00	0.00	699066.00	GC-1879-520											
06-21-2025	43.29	7.20	182	189	242	12.32	2.40	>10 ⁷	44.62	7.42	5.0	4	50	2.49	0.50	0.4	0	0	0	0	0	0.00	0.00	0.00	700685.00	GC-1879-520											
06-22-2025	45.85	7.40	187	184	241	12.41	2.50	>10 ⁷	41.73	7.43	4.0	5	42	2.50	0.30	0.4	0	0	0	0	0	1.50	0.00	0.00	703368.00	GC-1879-520											
06-23-2025	45.42	7.50	199	182	238	12.33	2.40	>10 ⁷	46.92	7.38	5.0	4	41	2.42	0.50	0.3	0	0	0	0	0	0.00	0.00	0.00	703964.00	GC-1879-520											
06-24-2025	41.96	7.40	184	199	248	12.41	2.30	>10 ⁷	42.37	7.41	3.0	4	43	2.43	0.50	0.5	0	0	0	0	0	0.00	0.00	0.00	705050.00	GC-1879-520											
06-25-2025	42.52	7.50	198	148	252	12.42	2.40	>10 ⁷	37.99	7.48	5.0	3	46	2.34	0.30	0.4	0	0	0	0	0	0.00	0.00	0.00	706835.00	GC-1879-520											
06-26-2025	41.96	7.30	188	148	248	12.43	2.40	>10 ⁷	42.09	7.41	4.0	4	49	2.32	0.40	0.4	0	0	0	0	0	0.00	0.00	0.00	708356.00	GC-1879-520											
06-27-2025	38.37	7.40	181	181	242	12.41	2.30	>10 ⁷	43.02	7.49	3.0	4	48	2.41	0.50	0.3	0	0	0	0	0	0.00	0.00	0.00	709449.00	GC-1879-520											
06-28-2025	40.82	7.50	184	179	244	12.33	2.40	>10 ⁷	36.43	7.51	4.0	4	44	2.31	0.30	0.4	0	0	0	0	0	0.00	0.00	0.00	710853.00	GC-1879-520											
06-29-2025	40.41	7.37	190	179	244	12.38	2.40	>10 ⁷	40.15	7.44	4.0	4	44	2.40	0.39	0.4	0	0	0	0	0	0.20	0.52	1.04	689755.73	GC-1879-520											
06-30-2025	50.84	7.20	181	199	231	12.31	2.30	>10 ⁷	30.62	7.38	3.0	3	41	2.31	0.30	0.3	0	0	0	0	0	0.00	0.00	0.00	670531.00	GC-1879-520											
MAX	59.84	7.50	199	199	252	12.48	2.50	>10 ⁷	53.57	7.51	5.0	5	50	2.52	0.50	0.5	0	0	0	0	0	1.50	3.90	7.80	710893.00	GC-1879-520											
TOTAL	1212.16	221.00	5700	4846	7306	371.47	71.90	>10 ⁷	1204.61	223.15	121.0	109	1326	72.05	11.80	11.7	0	0	0	0	0	6.00	15.60	31.20	20892672.00	GC-1879-520											

Dr. B. Engineer
(Sewage D. Works)

7/6/25

RAW SEWAGE WATER

(31 JUNE TO 30th JUNE 2023)

DATE	INLET FLOW (MLD)	PH (6.5 TO 8.5)	TSS (200 mg/L)	BOD (20mg/L)	COD (450 mg/L)	TSS (25 mg/L)	TP (6 mg/L)	FECAL COLI FORMS (2 X10 ⁷ MPN/100ML)	FLOW (MLD)	PH (6.5 TO 8.5)	TSS (<10 mg/L)	BOD (<10 mg/L)	COD (<450 mg/L)	TSS (<10 mg/L)	TP (<2 mg/L)	FECAL COLI FORMS (20 MPN/100ML)	PH (6.5 TO 8.5)	TSS (<10 mg/L)	BOD (<10 mg/L)	COD (<450 mg/L)	TSS (<10 mg/L)	TP (<2 mg/L)	FECAL COLI FORMS (20 MPN/100ML)	PH (6.5 TO 8.5)	M.L.S.B. (MG/L)		M.L.V.S.B. (MG/L)		S.S.W. (MG/L)		SOLID WASTE (TONNE)	GAS WASTE (TONNE)	SLUDGE GENERATED (TONNE)	RPH				
																									S.M.C.-01	S.M.C.-02	S.M.C.-01	S.M.C.-02	S.M.C.-01	S.M.C.-02					S.M.C.-01	S.M.C.-02		
01/06/2023	4.32	7.4	60	117	210	11.26	2.5		5.82	7.5	3	4	40	1.88	0.4		3600	3600	2555	2555	2520	155	155	180														
02/06/2023	5.87	7.3	60	121	212	11.26	2.3		4.01	7.2	7	5	38	1.88	0.4		3600	3600	2555	2555	2520	155	155	180														
03/06/2023	3.78	7.2	60	120	214	11.26	2.4		6.16	7.2	3	4	38	1.88	0.4		3700	3600	2555	2555	2520	155	155	180														
04/06/2023	6.42	7.4	60	119	214	11.26	2.3		6.53	7.2	3	4	32	1.88	0.5		3700	3600	2555	2555	2520	155	155	180														
05/06/2023	6.20	7.4	60	127	212	11.26	2.3		6.64	7.2	3	4	31	1.88	0.4		3700	3600	2555	2555	2520	155	155	180														
06/06/2023	6.76	7.2	60	120	212	11.26	2.3		6.56	7.2	3	4	40	1.88	0.4		3600	3600	2555	2555	2520	155	155	180														
07/06/2023	6.87	7.4	60	120	204	10.68	2.5	<10 ⁷	6.37	7.5	3	4	40	1.88	0.4		3600	3600	2555	2555	2520	155	155	180														
08/06/2023	6.47	7.2	60	123	212	10.68	2.6		6.79	7.2	3	4	32	1.88	0.4		3600	3600	2555	2555	2520	155	155	180														
09/06/2023	6.25	7.2	60	120	208	10.68	2.3		6.38	7.2	3	4	36	1.88	0.4		3600	3600	2555	2555	2520	155	155	180														
10/06/2023	6.65	7.2	60	127	212	10.68	2.5		7.35	7.5	7	4	36	1.88	0.4		3700	3600	2555	2555	2520	155	155	180														
11/06/2023	7.29	7.2	60	123	212	10.68	2.4		7.44	7.2	3	4	36	1.88	0.4		3700	3600	2555	2555	2520	155	155	180														
12/06/2023	7.86	7.2	60	120	220	10.68	2.4		7.53	7.5	7	4	37	1.88	0.4		3700	3600	2555	2555	2520	155	155	180														
13/06/2023	7.29	7.4	60	127	212	11.26	2.6	<10 ⁷	8.28	7.2	3	4	36	1.88	0.4		3700	3600	2555	2555	2520	155	155	180														
14/06/2023	6.87	7.2	60	123	216	11.26	2.6		8.28	7.5	7	4	36	1.88	0.4		3700	3600	2555	2555	2520	155	155	180														
15/06/2023	5.75	7.2	60	119	220	10.64	2.3		5.29	7.2	3	4	40	1.88	0.5		3650	3600	2555	2555	2520	155	155	180														
16/06/2023	6.84	7.4	60	123	224	10.64	2.4		5.53	7.6	3	4	32	1.88	0.4		3650	3600	2555	2555	2520	155	155	180														
17/06/2023	5.37	7.2	60	120	212	10.64	2.3		4.79	7.5	3	4	40	1.12	0.4		3650	3600	2555	2555	2520	155	155	180														
18/06/2023	4.82	7.2	60	120	212	10.64	2.3		5.16	7.6	3	4	40	1.12	0.4		3650	3600	2555	2555	2520	155	155	180														
19/06/2023	7.23	7.4	60	120	216	10.64	2.3		5.16	7.6	3	4	36	1.12	0.4		3650	3600	2555	2555	2520	155	155	180														
20/06/2023	7.29	7.4	60	117	216	10.64	2.2	<10 ⁷	5.27	7.2	7	4	40	1.12	0.4		3650	3600	2555	2555	2520	155	155	180														
21/06/2023	6.77	7.4	60	110	208	11.2	2.4		6.88	7.2	3	5	32	1.12	0.4		3650	3600	2555	2555	2520	155	155	180														
22/06/2023	6.37	7.4	60	123	216	11.2	2.4		6.58	7.4	3	4	36	1.12	0.4		3650	3600	2555	2555	2520	155	155	180														
23/06/2023	7.45	7.5	60	127	212	11.2	2.3		8.31	7.8	3	4	32	1.12	0.4		3700	3600	2555	2555	2520	155	155	180														
24/06/2023	7.45	7.5	60	120	208	11.2	2.3		8.31	7.8	3	4	32	1.12	0.4		3700	3600	2555	2555	2520	155	155	180														
25/06/2023	4.50	7.2	60	120	208	11.2	2.3		4.54	7.5	3	4	40	1.12	0.4		3700	3600	2555	2555	2520	155	155	180														
26/06/2023	2.82	7.4	60	113	212	11.2	2.4		3.56	7.6	3	4	36	1.24	0.4		3700	3600	2555	2555	2520	155	155	180														
27/06/2023	2.54	7.3	60	110	214	11.2	2.4		3.23	7.5	3	4	36	1.24	0.4		3700	3600	2555	2555	2520	155	155	180														
28/06/2023	1.35	7.4	60	60	212	11.2	2.4	>10 ⁷	2.55	7.5	3	4	31	1.24	0.4		3700	3600	2555	2555	2520	155	155	180														
29/06/2023	0.00	7.3	60	60	210	11.78	2.5		2.05	7.2	7	4	40	1.24	0.5		3700	3600	2555	2555	2520	155	155	180														
30/06/2023	2.17	7.2	60	60	204	11.78	2.3		1.74	7.5	7	4	40	1.24	0.5		3700	3600	2555	2555	2520	155	155	180														
01/07/2023	1.03	7.20	60	107	204	10.08	2.2		1.24	7.50	1.00	4.00	31.00	1.12	0.4		3650	3600	2555	2555	2520	155	155	180														
02/07/2023	7.87	7.5	60	130	238	11.76	2.8		9.27	7.2	4	5	40	2.24	0.5		3700	3600	2555	2555	2520	155	155	180														
03/07/2023	5.68	7.3	66.0	118.0	220	11.1	2.2	2.20000000	5.79	7.61	4	4	36	2	0.43		3677	3621	2574	2574	2520	155	155	180														

DY. ENGINEER
(Sewerage D. Works)

21/7/25

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RAW SEWAGE WATER													TREATED SEWAGE AFTER TERTIARY TREATMENT (FINAL EFFLUENT)													
DATE	INLET FLOW	PH	TSS	BOD	COD	TKN	TP	Feed Oil Farms	O & G	TDS	OT/LET	PH	TSS	BOD	COD	TN	TP	Feed Oil Farms	O & G	TDS	TREATED REUSE WATER (L/HE)	SOLID WASTE (TONNE)	CRIT WASTE (TONNE)	SILTAGE GENERATED (TONNE)	Charter Meter No	KWH
(A/D/D)	6.5 - 7.5	(200 mg/l)	(118 mg/l)	(400 mg/l)	(40 mg/l)	(8 mg/l)	(2*10 ⁻⁷)	0.00	0.00		(0.8-8.5)	(<5 mg/l)	(<5 mg/l)	(<100 mg/l)	(<10 mg/l)	(<1 mg/l)	(<100 MPV/100 ml)	0.00	0.00	0.00						
01/06/2024	59.61	7.22	138	135	239	12.4	4.2				57.99	8.49	4	3	25	3.9	0.8									565
02/06/2024	54.31	7.24	150	158	280	12.8	3.2	2*10 ⁻⁷			54.35	8.58	2	4	25	4.5	0.7									596
03/06/2024	61.16	7.28	140	148	320	12.5	3.2				61.44	8.5	3	5	35	3.1	0.8									502
04/06/2024	62.16	7.3	160	152	340	13.9	4.3				61.7	8.48	4	4	32	3.2	0.9									518
05/06/2024	70.44	7.32	130	144	360	11.5	3.7				69.54	8.42	2	4	38	3.14	0.6									515
06/06/2024	78.49	7.34	99	134	310	10.9	3.2				77.12	8.38	3	3	40	3.24	0.7									524
07/06/2024	74.91	7.35	80	132	292	11.2	3.5				77.88	8.2	4	5	40	3.6	0.8									518
08/06/2024	71.79	7.39	110	155	240	11.5	3.5				72.02	8.24	4	5	38	4.8	0.5									523
09/06/2024	70.78	7.41	140	159	230	11.8	2.8				71.2	7.91	5	4	35	4.2	0.4									513
10/06/2024	54.11	7.45	110	165	260	13.6	3.2				54.74	7.95	3	5	28	2.6	0.7									497
11/06/2024	49.61	7.38	100	170	280	10.6	3.5				49.59	7.85	3	5	25	2.2	0.6									509
12/06/2024	51.63	7.35	130	140	210	10.3	2.9	2*10 ⁻⁷			51.88	7.9	3	3	25	2.2	0.6									519
13/06/2024	43.85	7.28	160	137	190	9.6	2.5				43.83	7.98	3	4	30	2.66	0.9									504
14/06/2024	44.32	7.22	190	144	200	10.9	2.7				43.65	7.95	4	4	32	2.8	0.8									477
15/06/2024	44.66	7.25	200	150	240	12.3	3.6				44.61	8.02	2	5	34	2.9	0.7									492
16/06/2024	57.4	7.29	90	135	380	11.9	4.7				49.24	8.1	2	4	25	3.24	0.2									484
17/06/2024	54.05	7.29	110	130	260	11.5	5.3				52.79	8.08	3	4	20	4.7	0.9									495
18/06/2024	73.7	7.25	80	100	180	9.8	2.5				74.1	8.25	2	3	24	4.2	0.8									513
19/06/2024	76.74	7.04	140	140	210	10.4	3.1				71.3	8.29	3	4	30	3.9	0.5									519
20/06/2024	80.77	7.05	140	144	230	10.4	3.1				82.83	8.32	3	4	34	3.2	0.6									442
21/06/2024	74.22	7.08	100	148	250	9.5	2.6				72.76	8.38	5	3	40	3.8	0.7									460
22/06/2024	76.67	6.92	230	152	320	9.5	2.8				80.67	8.59	2	5	32	2.8	0.6									496
23/06/2024	82.08	6.94	160	160	280	9.6	2.4				81.59	8.4	4	4	38	2.14	0.9									521
24/06/2024	64.06	6.94	140	162	250	9.2	3.3				61.54	8.42	3	5	30	2.6	0.9									493
25/06/2024	59.17	6.83	110	164	220	10.6	4.8				52.3	8.45	2	3	28	3.2	0.5									491
26/06/2024	61.94	7.1	100	135	230	12.4	4.3	2*10 ⁻⁷			50.9	8.48	3	3	25	3.6	0.5									373
27/06/2024	50.97	7.08	130		420	12.8	4.3				66.79	8.49	3	3	32	3.8	0.6									346
28/06/2024	69.45	7.02	110		230	11.6	3.9				66.95	8.48	2	2	40	4.2	0.9									
29/06/2024	67.21	7	200		320																					
Avg	64.30	7.20	134.33	144.19	259.73	11.43	3.54	#DIV/0!	#DIV/0!	#DIV/0!	62.69	8.26	3.17	3.96	31.93	3.41	0.68	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	490.86
Min	43.85	6.85	80.00	100.00	180.00	9.20	2.40	0.00	0.00	0.00	43.65	7.85	2.00	3.00	20.00	2.14	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	350.00
Max	87.08	7.43	296.66	170.00	380.00	14.60	5.30	0.00	0.00	0.00	83.83	8.58	5.00	5.00	40.00	4.80	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	542.00
Total	1899.06	215.90	4090.00	3893.00	7792.00	342.90	106.20	0.00	0.00	0.00	1880.79	247.82	95.00	107.00	958.00	102.22	20.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1435.00

Dy. Ex. Engineer
 (Sewage Divisions)

**Checklist for Monitoring of Performance of Sewage Treatment Plants
(STPs)**

Date:	02-08-2025	Name and Designation:	
RCM Zone		ULB/MC	Nadiad

Sr No	Details	Observation	Units	Max Limits
1	Name/Location of STP	STP-Majhipura		
2	Year of Commissioning of STP	2015		
3	Ownership of STP	Nadiad Municipal Corporation		
4	Design Capacity of STP	51.2	MLD	
4.1	Present Design Capacity	51.2	MLD	
4.2	Intermediate Design Capacity		MLD	
4.3	Ultimate Design Capacity	51.2	MLD	
5	Capacity Utilisation (Please Attach SCADA report (Last 3 months report) as supporting, if No then attach details of measurement with sign and stamp of concern authority)	22	MLD	
6	O&M Carried Out By (Agency or ULB)	Agency		
7	Plant Functioning Timings (no of hours)	24 Hrs		
8	Type of STP - Please Mention Process of Sewage Treatment (i) ASP - Activated sludge process (ii) TF - Trickling filter (iii) AL - Aerated lagoon (iv) UASB - Upflow anaerobic sludge blanket (v) OP - Oxidation pond/waste stabilization ponds (vi) EA - Extended Aeration (vii) SBR - Sequential Batch Reactor (viii) MBR - Membrane Bio Reactor (ix) MBBR - Moving Bed Bio Reactor	SBR		
9	Influent Wastewater Characteristics	Observation	Test Dates	
i	pH	7.2	28 July to 1 Aug 2025	
ii	BoD ₅ @ 20°C	98	28 July to 1 Aug 2025	mg/L
iii	CoD	185	28 July to 1 Aug 2025	mg/L
iv	TSS	125	28 July to 1 Aug 2025	mg/L
v	TKN	0.35	28 July to 1 Aug 2025	mg/L
vi	Total Phosphorous	5	28 July to 1 Aug 2025	mg/L
vii	Total Coliform	800	28 July to 1 Aug 2025	MPN/100 ml
10	Point of treated water Disposal	Shedhi River		
11	Bypass arrangements at STP, if any			
12	Method of Sludge Disposal & Status	Sludge Cake use in farming		
13	Volume of Industrial Waste being mixed, if any			
14	Treated Sewage Quality @ Outlet of Chlorine	Observation	Test Dates	
i	pH	7		6.5 to 9
ii	BoD ₅ @ 20°C	10	28 July to 1 Aug 2025	mg/L Less than 10
iii	CoD	48	28 July to 1 Aug 2025	mg/L Less than 50
iv	TSS	9	28 July to 1 Aug 2025	mg/L Less than 10
v	NH ₄ -N	-	28 July to 1 Aug 2025	mg/L Less than 5
vi	N-Total	9	28 July to 1 Aug 2025	mg/L Less than 10
vii	Total Phosphorous (PO ₄ -P)	2	28 July to 1 Aug 2025	mg/L Less than 2
viii	Total Coliform	220	28 July to 1 Aug 2025	MPN/100 ml 20% of TC
ix	Fecal Coliform	95	28 July to 1 Aug 2025	MPN/100 ml Less than 100
x	Total Residual Chlorine	-		mg/L 1
15	Status of Maintenance of Log Book			
	- Updated Frequency	Everyday		
	- Data availability Period	12 month		
16	Availability of Lab Facility	yes		
17	Name and Designation of the person carrying out lab tests	Bhargav Bhatti - BSc Chemist		
18	Any additional comments about the working of STP			

**Deputy Muni. Commissioner
Nadiad Municipal Corporation**

Test Report

Water/Waste Water Analysis		Issue No. 05	Doc. No. F/LMS/67 Page No. : 1 of 1	
Report No:- EAC/WAT/8312507		Issue Date:- 04/08/2025		
CUSTOMER NAME:- M/s. Sewage Treatment Plant , ADDRESS :- Manjipura Road,Nadiad-387001				
Sample Details				
Sample ID	EAC/WAT/831	Sampling Date	-	
Source of Sample	STP Inlet	Sample Received Date	30/07/2025	
Sample Description	Waste Water	Analysis Start Date	30/07/2025	
Sample Quantity	5 L	Analysis Completion Date	04/08/2025	
Sample Collected By	Client	Report sent to (Name & Address)	M/s. Sewage Treatment Plant	
Environmental conditions during sampling	NA	Packed/Seal	Packed	
		Sampling Plan & Procedure	QP/23	
Analysis Result				
Sr. No.	Parameter	Result	Unit	Test Method
1.	pH at 25 °C	7.20	-	IS 3025 (Part 11): 2022
2.	Total Suspended Solid	125.00	mg/L	APHA 24 th Edition 2540 D: 2017
3.	Chemical Oxygen Demand	185.00	mg/L	APHA 24 th Edition 5220 B: 2017
4.	Biochemical Oxygen Demand (5 days at 20 °C)	98.00	mg/L	IS 3025 (Part 44):1993
5.	Total Kjeldahl Nitrogen	0.35	mg/L	APHA 24 th Edition 4500 No ₆ B: 2017
6.	Total Phosphorous	5.00	mg/L	APHA 24 th Edition 4500 P B: 2017
7.	Fecal Coliform	800.00	MPN/100 ml	APHA 24 th Edition. 9221 E;2017
Opinion & Interpretation:			Not Practiced	
				 Authorized Signatory (Ms. Nirali Trivedi) Quality Manager

----- (End of the Report) -----

DISCLAIMERS:

- 1) A statement to the effect that the result relates only to the items tested, calibrated or sampled.
- 2) Additions to, deviations, or exclusions from the method is not practiced if not mentioned.
- 3) Results are from external providers are not used if not specified.
- 4) NA=Not Analysis, BDL=Below Detection Limit, ND- Not Detectable

Test Report

Water/Waste Water Analysis		Issue No. 05	Doc. No. F/LMS/67 Page No. : 1 of 1	
Report No:- EAC/WAT/8322507		Issue Date:- 04/08/2025		
CUSTOMER NAME:-M/s. Sewage Treatment Plant , ADDRESS :-Manjipura Road,Nadiad-387001				
Sample Details				
Sample ID	EAC/WAT/832	Sampling Date	-	
Source of Sample	STP Outlet	Sample Received Date	30/07/2025	
Sample Description	Waste Water	Analysis Start Date	30/07/2025	
Sample Quantity	5 L	Analysis Completion Date	04/08/2025	
Sample Collected By	Client	Report sent to (Name & Address)	M/s. Sewage Treatment Plant	
Environmental conditions during sampling	NA	Packed/Seal	Packed	
		Sampling Plan & Procedure	QP/23	
Analysis Result				
Sr. No.	Parameter	Result	Unit	Test Method
1.	pH at 25 °C	7.00	-	IS 3025 (Part 11): 2022
2.	Total Suspended Solid	9.00	mg/L	APHA 24 th Edition 2540 D: 2017
3.	Chemical Oxygen Demand	48.00	mg/L	APHA 24 th Edition 5220 B: 2017
4.	Biochemical Oxygen Demand (5 days at 20 °C)	10.00	mg/L	IS 3025 (Part 44):1993
5.	Total Nitrogen	9.00	mg/L	IS : 3025 (Part 34) - 1988
6.	Ammonical Nitrogen	BDL	mg/L	APHA 24 th Edition 4500 NH ₃ B: 2017
7.	Total Phosphorous	2.00	mg/L	APHA 24 th Edition 4500 P B: 2017
8.	Fecal Coliform	95.00	MPN/100 ml	APHA 24 th Edition. 9221 E;2017
9.	Total Coliform	220.00	MPN/100 ml	APHA 24 th Edition. 9221 B;2017
10.	Residual free Chlorine	BDL	mg/L	APHA 24 th Edition 4500 Cl B:2017
Opinion & Interpretation:		Not Practiced		
				 Authorized Signatory (Ms. Nirali Trivedi) Quality Manager

----- (End of the Report) -----

DISCLAIMERS:

- 1) A statement to the effect that the result relates only to the items tested, calibrated or sampled.
- 2) Additions to, deviations, or exclusions from the method is not practiced if not mentioned.
- 3) Results are from external providers are not used if not specified.
- 4) NA=Not Analysis, BDL=Below Detection Limit, ND- Not Detectable

IN LET May-2025

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IN LET

-2025

DATE	1/5/2025	2/5/2025	3/5/2025	4/5/2025	5/5/2025	6/5/2025	7/5/2025	8/5/2025	9/5/2025
Tide									
6: AM	1149.40	1146.81	1257.49	1085.80	1144.89	1129.80	1123.81	1145.80	1123.96
7	1102.15	1123.72	1085.82	1196.99	1068.91	1208.54	1098.62	1032.90	1104.14
8	1156.23	1024.51	1063.31	1152.25	1058.90	1129.56	1141.33	1205.62	1158.21
9	1185.69	1163.06	1189.50	1133.84	1286.19	1179.15	1022.45	1185.31	1036.93
10	1163.72	1187.18	1152.63	1189.33	1174.85	1153.33	1163.99	1153.60	1128.16
11	1174.01	1126.97	1145.17	1120.67	1153.36	1174.51	1275.72	1160.18	1136.92
12	1156.01	1093.82	1176.85	1183.50	1052.59	1163.66	1036.65	1184.82	1079.13
1: PM	1189.13	1182.23	1143.44	1174.53	1232.23	1179.72	1144.31	1186.23	1120.92
2	1174.17	1165.55	1120.76	1196.45	1058.28	1173.38	1102.65	1142.14	1163.95
3	1152.85	1184.38	1158.15	1152.06	1086.95	1147.52	1189.64	1163.55	1188.13
4	1189.14	1123.94	1185.13	1182.85	984.10	1152.33	1142.55	1155.60	1024.72
5	1146.18	1163.80	1084.85	1125.93	1146.50	1196.14	1023.10	1163.72	1152.99
6	1002.16	1186.72	1170.92	1193.01	1152.96	1174.92	1205.10	1233.23	1193.88
7	1169.22	1197.33	1120.05	1174.64	1182.30	1189.90	1196.82	1103.44	1164.14
8	1145.95	1236.44	1176.03	1196.93	1153.15	1152.18	1163.16	1186.92	1176.92
9	1252.33	1152.50	1254.67	1152.44	1022.14	1147.93	1140.12	1147.90	1103.14
10	1156.44	1186.37	1088.85	1036.53	1163.98	1184.72	1120.93	1122.22	1247.95
11	1052.50	1155.81	1240.90	1155.06	1174.22	1153.99	1158.78	1165.90	1230.16
12	1096.14	752.05	1174.13	965.95	1152.17	825.15	1163.95	1146.66	1158.94
1: AM									
2									
3									
4									
5									
MAD	21.812	21.603	21.974	21.758	21.449	21.866	21.624	21.980	21.732
TOTAL	36319.36	36841.172	36863.146	36884.904	36906.353	36928.259	36949.783	36971.763	36993.495

NOV IN

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DATE	10/5/2025	11/5/2025	12/5/2025	1/31/2025	14/5/2025	15/5/2025	16/5/2025	17/5/2025	18/5/2025
6: AM	1236.45	1119.80	1198.26	1158.50	1259.40	1155.85	1208.01	1185.18	1196.01
7	1024.27	1152.13	1123.90	1036.14	1089.50	1126.95	1296.65	1096.95	1203.66
8	1208.20	1188.40	1054.53	1147.52	1126.14	1196.14	1024.33	1274.30	1147.57
9	1136.53	1254.73	1187.15	1180.95	1183.92	1182.55	1069.16	1152.51	1182.65
10	1147.54	1163.63	1153.23	1156.33	1174.33	1163.62	1187.81	1187.66	1160.11
11	1152.66	1173.44	1143.16	1184.21	1182.97	1184.95	1123.60	1162.15	1147.32
12	1196.54	1182.52	1180.92	1025.60	1196.94	1176.32	1186.32	1176.95	1193.45
1: PM	1187.50	1173.13	1156.09	1169.18	1176.45	1102.45	1196.44	1125.70	1104.07
2	1207.17	1119.90	1187.16	1189.93	1102.33	1189.81	1239.52	1120.95	1184.30
3	1136.53	1147.22	1120.33	1106.16	1156.72	1143.60	1173.60	1204.23	1174.44
4	1129.42	1120.14	1180.25	1152.21	1184.66	1167.51	1182.12	1177.60	1170.93
5	1182.32	1180.99	1196.10	1174.23	1176.19	1185.31	1173.95	1173.18	1156.15
6	1146.90	1173.09	1143.94	1146.18	1135.38	1176.22	1189.81	1184.95	1102.23
7	1199.94	1284.60	1187.92	1025.93	1012.57	1120.90	1047.60	1023.14	1180.16
8	1154.55	1156.54	1189.94	1180.23	1180.32	1197.12	1186.55	1189.95	1122.03
9	1036.10	1178.98	1152.38	1163.17	1176.92	1205.44	1127.14	1154.12	1199.17
10	1187.17	1146.90	1149.22	1189.08	1109.90	1102.53	1183.92	1176.01	1003.22
11	1185.18	1070.47	1036.01	1152.13	1174.15	1064.51	1147.01	1139.65	1174.05
12	1094.94	985.50	1098.66	1086.25	915.60	1194.62	849.22	1025.32	915.14
1: AM									
2									
3									
4									
5									
M.L.D	21.991	22.042	21.721	21.615	21.712	22.007	21.764	21.974	21.655
TOTAL	37015.486	97037.528	37059.299	37080.914	37102.626	37124.633	37146.397	37168.321	37190.02

TN

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W.T.

DATE	19/12/25	20/12/25	21/12/25	22/12/25	23/12/25	24/12/25	25/12/25	26/12/25	27/12/25
Time									
6: AM	1185.80	1102.39	1098.38	1287.81	1125.81	1152.81	1196.49	1189.65	1123.80
7	1163.92	1086.93	1258.64	1036.65	1274.62	1296.60	1145.18	1201.31	1056.51
8	1174.95	1287.16	1236.17	1052.18	1163.52	1022.54	1163.99	1123.66	1257.61
9	1123.31	1324.05	1152.33	1084.95	1108.99	1087.92	1152.96	1163.16	1236.30
10	1236.65	1259.16	1056.64	1186.16	1154.14	1053.60	1154.08	1190.55	1208.12
11	1147.30	1296.92	915.10	1124.95	1123.94	1099.52	1163.93	1159.31	1136.04
12	1152.14	1124.92	1096.10	1143.16	1189.93	1250.33	1180.44	1171.62	1196.23
1: PM	1189.95	1163.05	1017.60	1180.12	1237.22	1123.45	1124.56	1163.14	1176.51
2	1102.16	1178.65	1082.53	1196.22	1282.90	1204.60	1163.21	1193.96	1154.60
3	1163.21	1191.13	1286.44	1184.08	1136.68	1083.72	1134.91	1276.95	1168.51
4	1187.65	1236.19	1274.95	1203.95	1191.80	1097.95	1159.01	1163.33	1120.10
5	1120.92	1145.51	1185.33	1124.21	1127.37	1208.31	1142.66	1184.16	1134.50
6	1196.18	1182.98	1257.90	1023.99	1252.45	1123.62	1105.98	1093.21	1163.31
7	1102.92	1234.12	1263.18	1094.45	1133.38	1194.33	1167.25	1172.65	1070.64
8	1147.14	1280.52	1047.95	1187.15	1171.05	1120.29	1103.37	1146.33	1094.90
9	1025.15	1196.92	1152.60	1163.26	1254.14	1189.44	1163.11	1114.92	1276.51
10	1163.14	1239.60	1180.51	1152.77	1180.08	1164.60	1197.01	1036.01	1126.93
11	1184.98	1086.14	1196.90	1136.61	1036.88	1120.22	1152.22	1067.95	1193.12
12	1022.62		1194.12	1185.56	1094.93	1163.93	1089.03	1130.40	1216.34
1: AM									
2									
3									
4									
5									
M.L.D	21.780	21.600	21.944	21.739	22.194	21.623	21.907	21.931	21.65
TOTAL	37211.806	37233.106	37255.35	37277.089	37229.283	37320.956	37342.863	37364.894	37386.51

DATE	28/5/2025	29/5/2025	30/5/2025	31/5/2025
TIME				
6 AM	1152.90	1132.60	1263.80	1158.80
7	1237.40	1102.55	1284.90	1036.39
8	1230.06	1098.30	1106.17	1098.66
9	1290.33	1183.14	1136.33	1257.51
10	1154.44	1247.51	1025.60	1263.60
11	1096.01	1205.97	1282.18	1025.82
12	1087.77	1180.53	1127.30	1097.93
1	1095.60	1147.61	1163.14	1153.49
2	1099.13	1163.18	1207.82	1116.90
3	1063.24	1180.99	1123.44	1230.82
4	1052.94	1163.14	1068.72	1274.92
5	1394.96	1120.95	1169.33	1183.95
6	1163.20	1006.60	1105.45	1108.44
7	1152.23	1187.98	1137.69	1257.83
8	1086.08	1152.14	1150.51	1028.32
9	1054.55	1167.49	1036.95	1096.04
10	1153.69	1102.60	1169.66	1154.88
11	1204.78	1196.15	1152.21	1190.83
12	1180.04	1157.37	815.40	1152.16
1				
2				
3				
4				
5				
M.LD	21.799	21.895	21.604	21.823
TOTAL	37408.31	37430.205	37451.809	37473.682

DATE	1/6/2025	2/6/2025	3/6/2025	4/6/2025
Time				
6 AM	1125.84	1136.89	1135.40	1236.45
7	1162.90	1247.51	1093.75	1142.82
8	1197.65	1256.60	1284.16	1152.90
9	1152.31	1023.23	1145.51	1286.16
10	1154.60	1189.07	1123.08	1237.53
11	1196.54	1146.28	1074.95	1173.14
12 PM	1102.95	1163.92	1156.45	1237.03
1	1137.21	1147.95	1156.91	1152.33
2	1162.07	1158.60	1034.65	1171.64
3	1197.53	1236.15	1103.15	1163.18
4	1120.45	1157.24	1178.04	1124.72
5	1162.04	1026.94	1056.33	1185.90
6	1196.51	1174.23	1167.51	1169.38
7	1152.31	1162.99	1187.87	1198.98
8	1167.65	1127.21	1037.14	1025.78
9	1125.07	1152.01	1152.08	1126.92
10	1102.51	1192.55	1107.95	1180.64
11	1186.80	1152.04	1196.40	1152.53
12	1237.90	915.21	1195.83	816.12
1 AM				
2				
3				
4				
5				
TOTAL	22078	21.705	21.640	21.975
INLET	37435.760	37512.565	37539.205	37561.18

DATE	5/6/2025	6/6/2025	7/6/2025	8/6/2025	9/6/2025
Time					
1125.80	1178.74	1125.55	1157.45	1196.80	
1196.90	1125.66	1236.69	1123.31	1134.90	
1124.12	1163.18	1290.17	1141.65	1134.68	
1169.14	1147.90	1147.51	1128.14	1156.90	
1189.90	1196.14	1152.60	1154.16	1207.12	
1198.82	1185.50	1187.53	1163.95	1123.03	
1147.96	1233.13	1296.94	1147.14	1183.60	
1197.14	1124.28	1124.27	1156.51	1124.51	
1183.95	1140.60	1187.13	1158.01	1187.65	
1146.12	1163.14	1114.62	1124.65	1152.30	
1197.96	1124.94	1124.18	1156.33	1196.14	
1140.58	1128.58	1187.93	1182.14	1147.50	
1179.93	1152.12	1153.68	1145.55	1145.69	
1152.23	1163.96	1147.71	1165.14	1123.14	
1174.14	1184.14	1152.45	1123.22	1152.90	
1164.86	1141.55	1120.01	1174.30	1186.23	
1137.82	1163.16	1157.55	1196.21	1196.72	
1180.03	1187.08	1174.72	1205.62	1152.44	
912.06	619.92	1014.90	765.01	1262.28	
TOTAL	21.915	21.630	22.026	21.668	21.812
INLET	37583.095	37604.925	37626.811	37648.477	37670.289

DATE	10/16/2025	11/16/2025	12/16/2025	13/16/2025	14/16/2025	15/16/2025	16/16/2025	17/16/2025	18/16/2025
6:1 AM	1182.80	1185.60	1236.80	1136.28	1147.23	1198.25	1185.74	1196.10	1121.80
7	1229.55	1036.14	1250.31	1297.40	1023.60	1125.94	1176.53	1205.92	1147.99
8	1202.30	1254.82	1147.60	1204.90	1058.53	1106.28	1146.65	1037.40	1163.61
9	1022.45	1089.95	1153.80	1022.72	1265.61	1137.55	1187.11	1069.51	1253.29
10	1098.66	1179.31	1189.40	1152.44	1024.90	1185.63	1217.95	1154.52	1189.95
11	1106.22	1054.95	1140.63	1196.53	1056.56	1163.74	1198.60	1226.08	1205.95
12: PM	1183.90	1087.30	1145.09	1237.18	1089.59	1174.66	1172.72	1123.33	1189.14
1	1202.18	1214.31	1123.18	1189.66	1124.14	1183.18	1124.30	1107.45	1147.92
2	1252.95	1065.66	1135.72	1152.14	1153.05	120.00	1025.45	1189.72	1186.65
3	1011.60	1253.04	1236.34	1196.90	110.31	1186.15	1189.69	1127.34	1180.45
4	1037.22	1017.32	1068.90	1274.72	1145.66	1152.23	1164.28	1153.50	1124.90
5	1203.99	1084.51	1176.16	1199.33	1122.07	1177.05	1100.95	1189.23	1185.68
6	1234.67	1123.44	1184.96	1176.33	1206.04	1153.16	1179.40	1147.17	1147.14
7	1170.18	1099.33	1176.71	1148.45	1127.55	1189.94	1180.30	1105.06	1186.92
8	1163.90	1282.51	1180.62	1152.44	1189.23	1147.95	1164.86	1163.09	1197.33
9	1125.88	1146.66	1163.14	1167.23	1152.45	1120.07	1082.17	1184.45	1155.37
10	1147.96	1267.50	1037.92	1187.90	1179.60	1176.55	1196.90	1173.68	1147.45
11	1156.72	1180.18	1189.90	1152.18	1177.23	1189.44	960.30	1196.84	1087.60
12	1189.55	1160.52	1117.16		1271.75	1140.23	1126.60	1180.07	116.14
1: AM									
2									
3									
4									
5									
TOTAL	21.917	21.774	22.094	21.748	21.678	22.107	21.811	21.983	21.792
M.LD	37692.206	37713.98	37736.074	37752.822	37779.500	37801.607	37823.418	37845.401	37867.193

DATE	19/6/2025	20/6/2025	21/6/2025	22/6/2025	23/6/2025	24/6/2025	25/6/2025	26/6/2025	27/6/2025
TOTAL									
6:AM	1041.16	1158.16	1128.17	1181.22	1184.68	1173.45	1164.80	1128.45	1198.06
7	1125.92	1145.38	1254.53	1152.36	1196.32	1140.18	1258.30	1258.30	1152.18
8	1131.31	1196.51	1017.48	1162.77	1123.95	1025.93	1126.17	1123.14	1194.95
9	1146.65	1147.44	1260.59	1084.83	1198.31	1156.53	1137.28	1189.95	1158.30
10	1102.14	1150.18	1124.07	1184.95	1152.65	1089.03	1147.53	1117.45	1196.44
11	1182.17	1256.76	1139.28	1156.14	1266.08	1183.44	1125.18	1145.40	1124.53
12:PM	1146.25	1124.15	1187.94	1196.27	1127.31	1164.36	1163.60	1189.74	1182.67
1	1182.30	1196.28	1085.23	1180.26	1182.65	1180.90	1188.23	1125.61	1153.18
2	1126.14	1157.74	1163.20	1145.89	1152.33	1196.19	1184.95	1163.33	1140.95
3	1142.56	1136.22	1146.83	1122.17	1196.45	1189.50	1153.20	1194.18	1152.45
4	1089.95	1147.36	1191.03	1163.62	1196.09	1192.44	1167.14	1193.65	1163.21
5	1167.17	1162.14	1180.24	1187.93	1150.60	1186.22	1162.90	1182.45	1185.66
6	1163.55	1123.92	1146.03	1196.18	1191.14	1136.98	1177.18	1163.20	1139.90
7	1182.16	1184.58	1194.95	1140.95	1164.95	1167.93	1154.63	1154.55	1164.10
8	1173.18	1192.95	1178.03	1160.44	1148.03	1203.17	1263.14	1180.60	1184.50
9	1189.92	1123.13	1204.17	1186.05	1146.44	1146.53	1127.53	1164.31	1150.66
10	1296.34	1148.10	1189.25	1090.08	1106.52	1194.45	1146.62	1183.62	1189.54
11	1180.55	1163.59	1003.08	1184.12	1163.07	1185.65	1194.45	1156.45	1155.95
12:	1201.60	1122.60	1102.84	1140.66	1082.44	955.14	1117.30	1116.20	946.08
1:AM									
2									
3									
4									
5									
TOTAL	21.941	22.024	21.830	21.718	22.083	21.843	22.147	21.802	21.907
M.L.D	37889.174	37911.158	37932.988	37954.704	37976.787	37998.63	38020.777	38042.523	38064.466

DATE	28/6/2025	29/6/2025	30/6/2025
TIME			
6: AM	1237.30	1103.14	1180.16
7	1182.50	1164.23	1129.14
8	1163.16	1267.55	1189.93
9	1185.33	1120.39	1196.19
10	1152.94	1198.12	1163.52
11	1185.58	1146.69	1117.60
12: PM	1196.60	1120.14	1106.53
1	1182.23	1197.80	1239.16
2	1124.14	1152.39	1254.23
3	1008.53	1146.64	1127.90
4	926.23	1173.70	1153.65
5	1287.44	1182.78	1167.33
6	1163.50	1194.92	1125.54
7	1194.80	1173.30	1173.18
8	1152.90	1192.14	1080.95
9	1196.55	1194.28	1167.03
10	1108.63	1183.90	1193.60
11	1150.29	1012.80	1174.54
12:	1057.14	114.94	1023.53
1: AM			
2			
3			
4			
5			
TOTAL	21.847	21.630	21.906
M.L.P	38086.333	38107.363	38129.869

IN LET FLOW

3344

IN

JUL-2025

DATE	21/7/2025	21/7/2025	31/7/2025	4/7/2025	5/7/2025	6/7/2025	7/7/2025	8/7/2025
TIME								
6:AM	1234.50	1165.06	1104.44	1186.80	1164.31	1154.65	1293.16	1163.40
7	1125.33	1196.55	1252.95	1114.14	1152.95	1189.60	1250.52	1124.50
8	1096.45	1124.14	1196.92	1123.33	1298.66	1185.14	1164.34	1087.60
9	1163.60	1199.92	1167.57	1126.72	1037.52	1124.27	1189.15	1196.37
10	1152.95	1162.95	1152.66	1252.45	1163.44	1183.30	1164.04	1167.45
11	1194.20	1124.92	1138.53	1186.92	1237.90	1167.68	1180.95	1152.42
12	1150.50	1194.18	1254.15	1137.49	1291.54	1152.95	1160.34	1129.16
1	1146.45	1130.51	1163.62	1163.30	1124.93	1163.34	1183.09	1169.32
2	1182.66	1204.66	1137.95	1110.14	1196.58	1134.95	1154.65	1088.67
3	1164.07	1176.72	1105.44	1153.53	1152.92	1186.61	1193.17	1168.15
4	1259.33	1193.20	1196.53	1167.45	1189.96	1167.95	1182.53	1160.10
5	1140.14	1127.54	1135.60	1182.45	1162.14	1152.44	1120.92	1196.06
6	1189.95	1152.68	1197.51	1164.60	1102.90	1123.92	1127.44	1180.51
7	1174.67	1174.53	1238.68	1180.30	1176.21	1124.23	1152.53	1194.65
8	1155.54	1186.44	1163.90	1257.45	1196.95	1178.58	1186.01	914.33
9	1182.23	1167.92	1180.72	1160.30	1137.14	1186.40	1187.65	1164.65
10	1163.07	1182.33	1034.38	1118.44	1186.53	1164.54	1179.15	1154.08
11	1104.53	1194.65	1063.34	1189.55	1152.58	1189.92	1152.92	1182.14
12	813.94	825.45	815.94	1138.66	745.60	1107.45	716.45	1161.33
1								
2								
3								
4								
5								
M.L.D	21.780	21.915	21.739	22.110	21.859	22.017	21.961	21.308
TOTAL	38251.649	38123.568	38295.307	38212.417	38239.226	38261.293	38283.254	38305.062

DATE	9/21/2025	10/21/2025	11/19/2025	12/19/2025	1/31/2025	2/19/2025	3/17/2025	4/17/2025	5/17/2025	6/17/2025	7/17/2025
6 AM	1217.26	1225.60	1156.80	1189.40	1165.50	1190.46	1154.60	1145.81	1196.82	1196.82	1196.82
7	1152.52	1165.14	1152.14	1104.80	1222.44	1167.57	1162.15	1187.65	1157.93	1157.93	1157.93
8	1137.24	1047.53	1196.52	1163.30	1236.92	1157.95	1108.93	1162.44	1182.45	1182.45	1182.45
9	1125.53	1123.59	1176.33	1157.49	1105.30	1163.43	1167.45	1130.55	1205.65	1205.65	1205.65
10	1226.62	1183.60	1152.14	1120.60	1189.60	1168.01	1130.09	1134.18	1160.74	1160.74	1160.74
11	1134.15	1164.53	1163.62	1169.92	1134.14	1193.65	1167.52	1125.92	1142.92	1142.92	1142.92
12 PM	1152.60	1153.45	1267.07	1137.45	1152.53	1137.95	1180.65	1259.07	1235.14	1235.14	1235.14
1	1167.14	1264.69	1108.32	1152.03	1163.42	1128.30	1162.30	1203.53	1126.53	1126.53	1126.53
2	1124.52	1183.56	1163.60	1147.42	1198.90	1129.65	1145.60	1167.45	1115.92	1115.92	1115.92
3	1152.45	1167.18	1167.22	1130.90	1185.88	1152.92	1158.18	1152.65	1164.14	1164.14	1164.14
4	1115.14	1140.99	1182.90	1180.62	1167.95	1184.51	1163.95	1146.21	1152.53	1152.53	1152.53
5	1169.08	1190.55	1169.18	1155.33	1182.65	1171.65	1167.45	1057.33	1114.92	1114.92	1114.92
6	1164.96	1167.62	1120.92	1269.15	1137.44	1109.03	1153.60	1296.16	1172.07	1172.07	1172.07
7	1168.95	1189.95	1182.53	1037.53	1253.53	1137.55	1187.15	1137.54	1187.22	1187.22	1187.22
8	1152.14	1124.14	1192.58	1124.37	1184.03	1181.45	1206.62	1189.21	1162.03	1162.03	1162.03
9	1196.53	1196.92	1152.14	1183.48	1196.62	1160.60	1189.31	1174.05	1167.44	1167.44	1167.44
10	1137.65	1137.44	1167.21	1167.52	1137.53	1189.14	1137.65	1237.29	1182.20	1182.20	1182.20
11	1152.14	1182.51	1280.21	1127.30	1183.69	1230.53	1080.45	1163.23	1157.95	1157.95	1157.95
12	1037.90	785.67	812.61	917.14	716.50	792.45	7094.51	614.64	943.23	943.23	943.23
1 AM											
2											
3											
4											
5											
M.L.D	21.995	21.724	22.002	21.627	21.854	21.789	21.970	21.688	22.954	22.954	22.954
TOTAL	38327.057	38348.801	38370.803	38372.43	38414.284	38436.023	38458.043	38479.937	38502.685	38502.685	38502.685

DATE	18/12/25	19/12/25	20/12/25	21/12/25	22/12/25	23/12/25	24/12/25	25/12/25	26/12/25
TIME									
6:AM	1188.51	1164.80	1196.92	1243.85	1157.80	1187.80	1185.90	1167.90	1156.90
7	1167.65	1185.32	1137.95	1158.95	1124.94	1162.95	1163.62	1182.60	1102.35
8	1124.37	1163.35	1152.60	1126.65	1136.57	1109.45	1154.34	1153.14	1184.60
9	1156.65	1167.60	1181.53	1175.01	1125.64	1164.30	1163.93	1169.92	1196.30
10	1154.35	1143.12	1267.14	1153.65	1236.25	1183.65	1157.61	1142.90	1124.42
11	1120.44	1120.93	1120.53	1120.03	1025.35	1296.95	1169.12	1182.14	1150.95
12	1296.53	1239.45	1137.60	1190.44	1095.05	1147.01	1156.96	1163.92	1248.62
1	1124.60	1186.99	1186.18	1159.50	1187.62	1153.65	1120.08	1167.31	1149.93
2	1152.85	1194.45	1157.95	1163.65	1125.31	1127.30	1152.65	1182.62	1137.44
3	1150.90	1153.92	1163.90	1137.31	1189.62	1184.94	1137.83	1117.90	1185.54
4	1161.90	1074.53	1197.60	1152.62	1157.33	1153.95	1190.42	1181.69	1196.93
5	1236.68	1136.16	1143.95	1167.34	1146.40	1187.92	1156.90	1125.49	1164.65
6	1127.92	1167.21	1196.34	1190.92	1295.65	1120.96	1094.74	1122.98	1182.70
7	1152.95	1143.73	1152.90	1137.95	1236.60	1196.95	119.56	1196.36	1193.72
8	1167.65	1120.12	1163.62	1185.60	1055.21	1137.06	1127.92	1160.70	1163.33
9	1153.20	1187.92	1014.90	1163.87	1140.93	1286.53	1142.01	1127.20	1157.45
10	1124.15	1142.18	1163.17	1167.65	1152.60	1164.45	1163.62	1064.96	1189.16
11	1185.60	1196.95	1167.53	1103.30	1087.72	1002.60	1180.95	1190.55	1152.90
12	1146.72	115.62	1002.60	885.62	1184.33	1124.58	1120.16	911.38	1112.14
1									
2									
3									
4									
5									
AMT	22.086	21.632	21.901	21.721	21.965	22.020	21.882	21.792	22.133
TOTAL	38524.791	38576.48	38568.304	38590.075	38612.04	38634.06	38655.942	38677.734	38699.513

3347

DATE	27/12/2025	28/12/2025	29/12/2025	30/12/2025
TIME				
6 AM	1187.42	1198.23	1134.57	1185.45
7	1114.18	1120.74	1175.34	1197.60
8	1156.21	1101.92	1153.95	1123.13
9	1134.65	1183.95	1137.60	1165.27
10	1173.14	1124.65	1196.14	1142.01
11	1183.92	1180.95	1158.96	1187.65
12 PM	1167.95	1163.45	1146.95	1105.23
1	1152.60	1184.65	1189.03	1148.89
2	1163.14	1152.42	1159.01	1167.13
3	1197.93	1169.95	1137.62	1183.51
4	1146.42	1154.45	1182.95	1127.05
5	1152.25	1183.63	1143.01	1152.23
6	1167.64	1137.15	1187.94	1167.80
7	1102.93	1143.82	1193.94	1183.42
8	1193.45	1189.90	82250.01	1190.57
9	1124.92	1023.50	1137.62	1169.53
10	1183.45	1122.13	1164.93	1193.22
11	1152.02	1179.23	1183.66	1137.09
12	914.51	715.14	1162.14	1182.65
1 AM				
2				
3				
4				
5				
N.L.D	21.809	21.652	21.817	22.062
TOTAL	38721.076	38743.328	38765.245	38787.207

OUT LEI FLOW

Phone No. 3348
Date: 11

Page No. 100
Date MAY-2025

DATE	11/5/2025	21/5/2025	31/5/2025	4/6/2025	5/6/2025	6/6/2025	7/6/2025	8/6/2025
TIME								
6: AM	-							
7	1296.40	1390.40	1442.43	1087.63	1185.80	7194.99	1258.90	1166.01
8	1205.15	1147.93	1183.90	1192.94	1096.90	1123.51	1017.85	1180.64
9	1147.80	1153.55	1203.75	1163.45	1125.81	1054.60	1156.30	1163.52
10	1130.33	1129.60	1123.18	1198.03	1087.53	1176.53	1120.65	1140.31
11	1120.15	1128.12	1145.95	1146.15	1145.44	1025.51	1189.13	1186.60
12	1287.66	1146.33	1189.90	1182.60	1099.90	1096.59	1140.55	1123.44
1 PM	123.14	1178.15	1175.23	1163.15	1163.85	1148.44	1123.74	1154.50
2	1108.83	1152.40	1196.05	1124.31	1152.90	1106.50	1185.98	1052.33
3	985.22	1145.15	1194.65	1182.15	1180.33	1180.12	1162.98	1192.16
4	1164.90	1128.60	1120.58	1163.92	1096.90	1076.80	1136.66	1123.84
5	1120.15	1169.55	1102.35	1134.05	1097.51	1196.72	1156.58	1102.92
6	914.20	1185.13	1146.12	1183.44	1153.60	1152.90	1107.95	1192.01
7	1148.42	1154.35	1103.53	1174.90	1149.53	1106.72	1166.33	1153.66
8	1257.81	1254.10	1129.12	1120.23	1153.40	1185.14	1184.45	1180.18
9	1167.66	1160.16	1155.22	1127.55	1107.53	1069.03	1122.97	1165.21
10	1140.20	1179.95	1163.02	1042.06	1176.30	1174.14	1153.38	1182.30
11	1109.15	1152.22	1188.41	1172.23	1102.81	1103.25	1188.45	1163.19
12	1164.61	852.14	1203.25	815.90	1280.45	1054.06	1066.44	1130.22
1: AM								
2								
3								
4								
5								
M.L.D	20.716	20.901	20.809	20.489	20.546	20.932	20.690	20.832
TOTAL	347525.287	34772.988	34793.857	348143.46	34834.892	34855.827	34876.514	34897.351

OUT

3349

DATE	9/15/2025	10/15/2025	11/15/2025	12/15/2025	1/15/2025	2/15/2025	3/15/2025	4/15/2025	5/15/2025
TIME									
6:AM	-	297.58	-	-	-	-	-	-	-
7	1148.50	1026.93	1143.80	1169.90	1185.40	1085.51	1249.50	1222.80	1156.11
8	1152.12	1098.50	1152.94	1057.30	933.93	1065.63	1023.92	1273.14	1025.60
9	1023.95	1036.40	1176.23	1189.14	1087.60	1078.10	1207.72	1158.92	1147.55
10	1256.14	1180.30	1182.17	1173.53	1153.42	1191.93	1146.83	1236.33	1123.44
11	1247.52	1023.42	1143.23	1189.81	1208.63	1173.62	1011.16	1174.60	1116.16
12	1163.62	1087.94	1194.49	1119.26	1147.43	1196.92	1156.95	1163.14	1184.92
1 PM	1102.30	1156.93	1123.17	1101.11	1157.17	1120.01	1127.23	1128.08	1123.33
2	1189.14	1149.17	1120.25	1198.04	1126.01	1164.65	1196.10	1129.95	1189.44
3	1146.90	1120.23	1178.77	1157.55	1207.60	1296.92	1034.05	1176.21	1174.55
4	1123.22	1123.14	1196.21	1086.90	1236.51	1123.13	1237.27	1149.01	1123.01
5	1028.51	1182.94	1143.90	1097.60	1098.92	1102.44	1146.84	1023.60	1102.99
6	1138.60	1023.82	1152.21	1173.14	1174.94	1123.01	1282.90	1237.95	1126.60
7	1126.51	1088.90	1172.17	1187.92	1153.01	1127.96	1124.14	1160.14	1182.28
8	1143.88	1163.42	1143.88	1196.01	1180.02	1146.15	1196.95	1045.95	1143.93
9	1189.90	1154.02	1102.04	1124.23	1190.66	1182.61	1152.33	1158.01	1182.01
10	1103.17	1123.51	1174.97	1156.90	1179.53	1140.21	1163.95	1122.66	1152.61
11	1240.23	1089.23	1068.55	1022.12	1058.42	1182.91	1023.14	1169.10	1163.95
12	1025.94	1125.16	1120.30	988.30	1193.01	1163.66	1152.94	1262.16	1193.31
1: AM									
2									
3									
4									
5									
M.D	20.601	20.986	20.731	20.609	20.920	20.712	20.976	20.797	20.813
TOTAL	34917.952	34938.938	34959.669	34980.278	35000.588	35021.71	35021.71	35042.507	35063.32

OVT

3350

DATE	18/5/2025	19/5/2025	20/5/2025	21/5/2025	22/5/2025	23/5/2025	24/5/2025	25/5/2025	26/5/2025
TIME									
6:AM									
7	1176.19	1045.82	1125.18	1145.99	1185.85	1156.45	1201.90	1229.21	1205.88
8	1185.40	1096.60	1053.52	1152.17	1164.65	1282.18	1123.60	1098.31	1036.05
9	1193.51	1089.55	1196.74	1267.21	1217.45	1153.68	1163.45	1257.38	1094.37
10	1178.69	1285.16	1186.58	1163.90	1033.33	1189.21	1152.16	1235.90	1237.64
11	1125.10	1160.95	1263.29	1125.14	1025.92	1174.53	1186.50	1052.31	1152.55
12	1180.22	1174.13	1104.83	1190.51	1086.90	1152.12	1117.22	1047.52	1162.30
1:PM	1146.45	1189.60	1236.45	1317.61	1189.16	1123.16	1156.51	1201.14	1189.07
2	1185.23	1103.27	1196.18	1162.32	1146.82	1198.27	1192.17	1235.33	1147.22
3	1199.92	1107.81	1125.52	1282.84	1152.95	1173.53	1189.94	1189.62	1162.94
4	1104.99	1180.65	1123.28	1187.95	1182.11	1152.01	1194.31	1084.01	1120.21
5	1132.08	1194.31	1025.11	1083.33	1163.92	1163.60	1152.63	1096.66	1181.63
6	1152.92	1163.65	1081.60	1192.82	1125.31	1037.63	1194.36	1182.55	1054.51
7	1056.96	1172.16	1236.18	1098.94	1189.94	1198.90	1153.19	1102.02	1235.01
8	1189.14	1189.12	1189.92	1282.23	1032.17	1146.11	1184.81	1230.05	1127.65
9	1184.92	1194.23	1134.53	1065.44	1102.22	1160.60	1123.82	1205.23	1152.21
10	1196.94	1025.10	1182.14	1174.92	1164.30	1155.55	1194.96	1214.12	1187.63
11	1152.51	1196.65	1162.95	1192.90	1163.15	1128.33	1205.30	1096.14	1174.90
12	825.60	1128.14	912.36	1196.66	1189.40	1153.10	905.66	1211.52	1263.67
1 PM									
2									
3									
4									
5									
M.L.D	20.601	20.679	20.658	20.899	20.496	20.897	20.669	20.801	20.88
TOTAL	35083.921	35104.600	35125.288	35146.57	35166.653	35187.55	35208.217	35229.08	35249.8

OUT 3351

DATE	29/5/2025	28/5/2025	29/5/2025	30/5/2025
TIME				
6: AM				
1	1232.50	1105.80	1150.40	1153.49
2	1023.18	1184.90	1057.51	1182.50
3	1125.30	1063.11	1147.89	1163.16
4	1164.65	1165.60	1025.51	1124.21
5	1153.21	1152.53	1257.66	1196.60
6	1190.44	1096.69	1036.31	1137.18
1: PM	1125.50	1186.51	1164.17	1157.95
2	1163.20	1105.63	1190.54	1196.20
3	1192.85	1163.11	1154.68	1167.16
4	1152.06	1189.22	1144.23	1128.13
5	1123.14	1152.03	1163.42	1162.19
6	1124.55	1141.70	1183.90	1124.22
7	1190.60	1162.18	1152.56	1196.39
8	1182.12	1189.29	1194.22	1182.60
9	1153.92	1155.56	1162.99	1202.80
10	1025.01	1146.92	1140.24	1133.97
11	1190.66	1194.10	1160.53	1057.22
12	1016.07	1280.55	1194.60	1016.45
1: PM				
2				
3				
4				
5				
M.L.D	20.703	20.828	20.672	20.736
TOTAL	35270.551	35291.329	35312.051	35332.787

OUT FLOW

out

DATE	1/6/2025	2/6/2025	3/6/2025	4/6/2025	5/6/2025	6/6/2025	7/6/2025	8/6/2025	9/6/2025
TIME									
6: AM									
7	1186.90	1147.80	1126.26	1154.91	1197.84	1159.40	1214.90	1199.45	1152.80
8	1164.40	1235.44	1147.28	1163.62	1193.93	1120.75	1156.21	1164.23	1147.94
9	1185.30	1257.27	1163.30	1174.75	1185.66	1163.13	1127.30	1123.17	1236.69
10	1152.64	1163.30	1159.40	1235.30	1184.24	1128.60	1186.40	1195.27	1184.40
11	1163.52	1127.16	1147.95	1205.45	1197.93	1196.23	1157.65	1207.01	1196.30
12: PM	1167.01	1126.21	1123.49	1127.96	1193.14	1124.41	1146.31	1163.63	1140.12
1	1152.64	1163.60	1168.31	1196.28	1129.67	1169.60	1125.81	1189.21	1153.94
2	1162.31	1193.01	1163.65	1142.93	1152.58	1174.98	1144.67	1147.92	1128.91
3	1197.53	1183.17	1174.90	1186.08	1197.23	1163.93	1069.44	1156.01	1165.03
4	1174.54	1186.65	1186.14	1196.44	1152.44	1185.44	1184.53	1102.65	1190.90
5	1152.92	1296.19	1191.94	1142.32	1198.55	1196.33	1152.03	1194.30	1142.19
6	1156.88	1123.33	1120.33	1152.01	1176.60	1152.60	1143.24	1123.63	1108.94
7	1187.32	1184.51	1129.37	1163.60	1184.14	1197.17	1147.60	1185.12	1183.03
8	1163.07	1129.99	1164.16	1182.18	1150.54	1126.60	1025.01	1236.95	1156.60
9	1197.50	1124.23	1162.51	1112.55	1198.54	1090.18	1296.60	1125.23	1141.21
10	1120.09	1183.18	1236.01	1163.72	1174.78	1104.93	1242.33	1182.18	1152.90
11	1133.40	1190.90	1187.62	1142.32	1196.92	1107.90	1230.50	1103.95	1106.18
12	1156.22	1285.15	101.90	915.16	802.60	1196.11	1128.21	1040.21	950.94
2: AM									
2									
3									
4									
5									
TOTAL	20.972	20.893	20.506	20.770	20.821	20.747	20.876	20.654	20.629
M.L.D	35374.375	35395.288	35415.294	35436.564	35452.385	35498.206	35499.082	35519.236	35540.366

DATE	20161225	20161225	21161225	22161225
TIME				
6 AM		638.98		
7	1124.14	1108.97	1180.09	1158.66
8	1158.92	1195.64	1120.84	1146.03
9	1088.28	1106.92	1199.31	1189.65
10	1176.20	1127.17	1163.59	1190.18
11	1184.69	1120.68	1104.45	1178.93
12	1152.14	1058.93	1178.60	1152.45
1 PM	1124.51	1109.13	1120.13	1196.03
2	1196.62	1006.97	1156.18	1182.16
3	1184.30	1106.25	1195.22	1140.69
4	1102.62	1080.30	1184.93	1165.08
5	1164.14	1097.72	1123.65	1126.01
6	1176.90	1002.25	1120.08	1192.17
7	1120.23	1033.14	1185.67	1115.08
8	1264.63	1084.90	1162.53	1057.95
9	1146.24	1182.35	1124.45	1186.16
10	1180.17	1188.08	1178.29	1190.59
11	1196.50	1098.94	1146.92	1107.78
12	1040.42	1093.93	1152.93	956.23
1 AM				
2				
3				
4				
5				
M.L.D.	20.722	20.851	20.819	20.675
TOTAL	35748.574	35269.385	35290.204	35810.899

DATE	23161225	24161225	25161225	26161225	27161225
7	1094.59	1179.41	1185.21	1263.42	1147.92
8	1156.44	1105.65	1196.53	1184.95	1202.17
9	1189.78	1196.31	1146.47	1263.45	1198.60
10	1187.33	1167.67	1183.65	1154.37	1184.14
11	1156.65	1183.33	1194.14	1183.09	1196.95
12	1152.71	1154.42	1198.80	1152.04	1164.45
1	1196.50	1196.40	1196.18	1146.55	1197.18
2	1180.39	1132.34	1134.23	1167.30	1153.95
3	1190.45	1176.67	1187.47	1152.45	1146.60
4	1142.03	1164.97	1259.08	1063.30	1194.18
5	1199.66	1152.13	1263.99	1194.44	1152.92
6	1194.20	1090.95	1194.14	1207.97	1189.23
7	1156.58	1147.45	1182.95	1169.18	1194.45
8	1184.72	1156.17	1196.44	1143.93	1153.08
9	1156.24	1180.29	1167.90	1182.45	1147.92
10	1193.93	1196.66	1178.11	1076.60	1120.44
11	1156.45	1164.53	1018.60	1194.55	1196.09
12	1194.09	1190.45	995.13	946.31	908.17
M.L.D.	20.994	20.937	20.999	20.838	20.988
TOTAL	35837.873	35852.81	35773.809	35894.647	35715.415

DATE	28/6/2025	29/6/2025	30/6/2025
TIME			
6! AM	1236.19	1164.50	1189.80
7	1054.31	1196.70	1125.12
8	1187.52	1203.14	1164.95
9	1152.68	1142.35	1183.31
10	1146.53	1180.45	1154.65
11	1180.95	1157.49	1182.70
12! PM	1167.23	1183.17	1163.90
1	1188.45	1107.60	1167.21
2	1173.53	1176.17	1152.65
3	1182.14	1182.33	1149.33
4	1196.93	1163.12	1130.51
5	1124.08	1172.92	1184.62
6	1183.77	1145.14	1156.33
7	1164.52	1168.55	1145.53
8	1180.66	1132.66	1185.74
9	1162.15	1195.01	1239.98
10	1140.38	1152.75	1182.62
11	1168.94	203.28	-
12			1113.94
1! AM			
2			
3			
4			
5			
M.L.D	20.987	20.517	20.982
TOTAL	35936.422	35956.939	35977.921

OUT FLOW

DATE	1/31/2025	2/31/2025	3/31/2025	4/31/2025	5/31/2025	6/31/2025	7/31/2025	8/31/2025	9/31/2025
TIME									
6: AM			609.45						
7	1189.50	1180.18	1163.20	1207.60	1189.82	1184.60	1167.50	1177.45	1174.50
8	1164.45	1175.30	1052.90	1095.95	1167.45	1152.30	1189.92	1146.60	1163.42
9	1152.31	1232.65	1198.38	1084.18	1146.69	1162.34	1177.90	1190.45	1152.55
10	1189.45	1152.45	1089.66	1033.95	1237.14	1153.95	1163.65	1129.31	1189.32
11	1196.66	1147.34	1082.52	1044.16	1185.95	1187.30	1184.32	1180.65	1140.66
12 PM	1152.92	1110.60	1038.24	1068.33	1017.33	1146.65	1163.44	1153.33	1123.53
1	1162.33	1156.85	1259.58	1219.44	1166.62	1165.66	1197.58	1162.65	1185.14
2	1148.50	1196.22	1063.12	1057.95	1286.18	1147.55	1146.56	1152.30	1162.95
3	1180.65	1206.39	1032.08	1293.23	1177.92	1163.34	1138.76	1189.51	1157.14
4	1143.20	1137.65	1105.92	1164.45	1196.60	1187.92	1176.32	1164.44	1152.56
5	1188.44	1022.14	1188.61	1159.14	1127.18	1114.33	1152.74	1180.53	1165.53
6	1194.53	1196.09	1085.44	1053.92	1185.22	1162.42	1167.53	1163.44	1147.45
7	1150.60	1174.55	1196.03	984.33	1163.30	1152.30	1196.59	1194.53	1153.52
8	1167.14	1167.90	1285.32	1295.45	1137.64	1187.14	1157.66	1173.60	1123.14
9	1196.19	1196.21	982.14	1233.66	1182.93	1196.95	1163.97	1180.10	1152.92
10	1164.06	1182.66	1045.53	1045.15	1167.44	1163.62	1122.92	1162.14	1167.53
11	1155.53	1160.51	1249.40	1265.60	1189.92	1167.44	1152.08	1195.95	1185.65
12	1189.45	1194.65	986.52	1198.18	915.30	1173.30	1163.14	819.44	1164.44
1: AM									
2									
3									
4									
5									
14 LD	20.723	20.675	20.716	20.907	20.791	20.913	20.917	20.647	20.822
TOTAL	35998.644	36019.319	36040.035	36060.936	36081.727	36102.64	36123.557	36144.201	36165.031

o/v

Page No

Date

3357

o/v

Page No

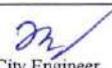
Date

DATE	10/7/2025	11/7/2025	12/7/2025	13/7/2025	14/7/2025	15/7/2025	16/7/2025	17/7/2025	18/7/2025
TIME									
1 AM									
2	1152.80	1158.22	1260.56	1157.50	1164.80	1171.89	1262.14	1152.85	1184.80
3	1195.23	1152.30	1123.14	1124.63	1152.92	1146.60	1123.53	1125.65	1153.90
4	1137.44	1163.15	1137.02	1173.50	1197.20	1023.14	1167.60	1169.30	1152.65
5	1182.53	1194.62	1186.63	1141.44	1140.41	1184.52	1192.14	1125.49	1169.30
6	1167.60	1146.23	1194.17	1163.53	1183.65	1196.07	1146.52	1137.95	1125.42
7 PM	1152.15	1158.18	1123.53	1194.42	1137.08	1238.24	1127.33	1220.60	1146.30
1	1136.95	1137.24	1182.45	1182.95	1120.92	1142.93	1165.44	1136.14	1185.62
2	1120.61	1152.65	1192.51	1151.30	1291.44	1120.25	1249.50	1197.53	1102.26
3	1087.22	1192.08	1137.65	1256.53	1124.53	1179.22	1130.23	1154.42	1176.95
4	1150.20	1137.92	1120.21	1237.45	1130.62	1137.90	1194.16	1187.95	1187.96
5	1137.74	1189.30	1192.57	1186.30	1190.93	1140.65	1143.53	1153.45	1195.12
6	1189.92	1152.66	1176.45	1137.60	1138.60	1168.30	1120.03	1101.60	1185.22
7	1168.08	1146.18	1130.44	1101.21	1122.53	1194.66	1181.60	1206.18	1162.15
8	1153.22	1194.53	1187.53	1194.58	1120.44	1153.21	1157.21	1157.95	1189.65
9	1163.95	1120.44	1200.80	1183.32	1167.21	1198.68	1163.65	1196.64	1194.22
10	1137.18	1137.53	1174.92	1187.38	1005.03	1158.97	1139.90	1164.18	1146.05
11	1182.95	1180.07	1158.30	1183.72	1193.69	1154.93	1143.14	1123.92	1127.44
12	1168.60	1156.84	1013.49	987.45	1220.56	1176.44	914.28	1187.94	1185.01
1 AM									
2									
3									
4									
5									
M.L.D	20.853	20.899	20.910	20.904	20.893	20.904	20.728	20.954	20.964
TOTAL	36185.884	36206.777	36227.967	36248.471	36269.264	36290.268	36310.236	36331.95	36352.914

DATE	21/7/2025	20/7/2025	21/7/2025	22/7/2025	23/7/2025	24/7/2025	25/7/2025	26/7/2025	
TIME									
6: AM									
1	1164.50	1132.60	1132.86	1203.89	1167.93	1143.80	1176.80	1125.93	
2	1152.14	1153.45	1156.95	1185.95	1182.32	1124.16	1124.92	1184.04	
3	1184.53	1185.60	1120.20	1153.30	1143.84	1186.23	1182.95	1163.05	
4	1167.30	1125.42	1184.14	1140.65	1207.92	1167.22	1165.62	1190.62	
5	1125.53	1184.45	1163.87	1107.92	1060.64	1190.06	1184.73	1182.94	
6 PM	1152.65	1123.95	1194.98	1164.01	1186.08	1130.88	1120.85	1167.55	
1	1163.03	1152.53	1123.94	1124.62	1163.25	1124.92	1134.03	1143.14	
2	1194.45	1187.60	1187.30	1107.95	1182.63	1187.95	1183.01	1190.95	
3	1185.53	1184.18	1152.52	1152.30	1174.93	1169.30	1116.63	1164.92	
4	1127.60	1153.95	1164.24	1186.61	1152.84	1230.12	1143.49	1180.03	
5	1152.53	1194.90	1120.92	1137.15	1189.89	1194.95	1201.27	1114.04	
6	1196.45	1182.45	1154.33	1203.23	1137.06	1176.14	1153.53	1102.55	
7	1102.60	1145.33	1169.16	1137.40	1142.15	1123.92	1134.43	1163.62	
8	1169.18	1162.45	1127.95	1123.18	1125.01	1108.93	1140.69	1194.14	
9	1147.95	1184.95	1146.96	1152.95	1304.64	1146.08	1195.15	1133.93	
10	1196.60	1187.45	1189.53	1167.67	1152.93	1138.67	1143.03	1124.01	
11	1143.12	1153.01	1152.19	1146.44	1194.99	1162.64	1120.22	1120.62	
12	725.07	1114.60	981.53	7058.58	1142.07	1017.92	1131.98	1197.93	
1: AM									
2									
3									
4									
5									
M.L.D	20.539	20.972	20.759	20.850	20.928	20.714	20.854	20.875	
total	36323.44	36294.05	36415.264	36436.014	36456.952	36422.666	36498.52	36519.395	

DATE	27/12/25	28/12/25	29/12/25	30/12/25
TIME				
6 AM				
7 AM	2146.50	2114.14	2129.20	2163.40
8	2152.62	2196.65	2117.14	2148.53
9	2197.92	2137.13	2153.90	2182.45
10	2102.51	2157.54	2194.23	2163.66
11	2169.17	2163.65	2127.45	2190.93
12 PM	2173.08	2194.14	2194.65	2164.45
1	2124.55	2132.93	2153.45	2167.07
2	2176.44	2123.18	2149.62	2189.53
3	2180.90	2196.92	2157.69	2162.44
4	2163.14	2184.15	2089.69	2163.91
5	2102.51	2102.19	2190.45	2184.68
6	2104.67	2123.22	2143.01	2193.07
7	2120.52	2183.07	2167.14	2167.53
8	2163.04	2167.18	2182.95	2180.42
9	2141.18	2182.23	2143.05	2123.03
10	2132.33	2163.45	2067.65	2184.62
11	2180.57	2184.07	2109.23	2160.03
12	2024.12	2022.33	2137.45	2155.45
1 AM				
2				
3				
4				
5				
M.L.D	20.726	20.872	20.660	20.907
TOTAL	36540.721	36560.993	36581.653	36602.560

Checklist for Monitoring of Performance of Sewage Treatment Plants (STPs)					
Date:	02-08-2025	Name and Designation:			
RCM Zone	Ahmedabad RCM	ULB/MC	SURENDRANAGAR MUNICIPAL CORPORATION		
Sr No	Details	Observation	Units	Max Limits	
1	Name/Location of STP	32.30 MLD STP SURENDAR NAGAR			
2	Year of Commissioning of STP	2020			
3	Ownership of STP	GUDC			
4	Design Capacity of STP	32.30	MLD		
4.1	Present Design Capacity	32.30	MLD		
4.2	Intermediate Design Capacity	32.30	MLD		
4.3	Ultimate Design Capacity	32.30	MLD		
5	Capacity Utilisation (Please Attach SCADA report (Last 3 months report) as supporting, If No then attach details of measurement with sign and stamp of concern authority)	19.00	MLD		
6	O&M Carried Out By (Agency or ULB)	ENVIRO INFRA ENGINEERS LIMITED			
7	Plant Functioning Timings (no of hours)	24 Hours			
8	Type of STP - Please Mention Process of Sewage Treatment (i) ASP - Activated sludge process (ii) TF - Trickling filter (iii) AL - Aerated lagoon (iv) UASB - Upflow anaerobic sludge blanket (v) OP - Oxidation pond/waste stabilization ponds (vi) EA - Extended Aeration (vii) SBR - Sequential Batch Reactor (viii) MBR - Membrane Bio Reactor (ix) MBBR - Moving Bed Bio Reactor	SBR - Sequential Batch Reactor			
9	Influent Wastewater Characteristics	Observation	Test Dates		
i	pH	6.8	24-07-2025		
ii	BoD ₅ @ 20 C	183		mg/L	
iii	CoD	392		mg/L	
iv	TSS	190		mg/L	
v	TKN	27.8		mg/L	
vi	Total Phosphorous	2.7		mg/L	
vii	Total Coliform	1.3*10 ⁴		MPN/100 ml	
10	Point of treated water Disposal	BHOGAVO RIVER			
11	Bypass arrangements at STP, if any	No			
12	Method of Sludge Disposal & Status	VOLUTE FILTER PRESS (SLUDGE			
13	Volume of Industrial Waste being mixed, if any	No			
14	Treated Sewage Quality @ Outlet of Chlorine	Observation	Test Dates		
i	pH	7.5	24-07-2025	6.5 to 9	
ii	BoD ₅ @ 20 C	9		mg/L	Less than 10
iii	CoD	36		mg/L	Less than 50
iv	TSS	8		mg/L	Less than 10
v	NH ₄ -N	-		mg/L	Less than 5
vi	N-Total	2.2		mg/L	Less than 10
vii	Total Phosphorus (PO ₄ -P)	0.8		mg/L	Less than 2
viii	Total Coliform	63		MPN/100 ml	20% of TC
ix	Fecal Coliform	63		MPN/100 ml	Less than 100
x	Total Residual Chlorine	0.6		mg/L	1
15	Status of Miantainance of Log Book				
	- Updated Frequency	Daily			
	- Data availability Period	Yes			
16	Availability of Lab Facility	Yes			
17	Name and Designation of the person carrying out lab tests	NARESH DHODIYA (CHEMIST)			
18	Any additional comments about the working of STP	Not Applicable			


 City Engineer
 Surendranagar Municipal Corporation



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Design, supply, construction, installation, testing and commissioning of sewage treatment plant (32.30 MLD) based on open technology with MCC panel room, DG set and all contingent civil, electrical, mechanical, piping and instrumentation works of with three months trial run and post completion operation & maintenance of entire system for 5 years including one year defect liability period at Surendernagar, District: Surendernagar, Gujarat.

ENVIRO INFRA ENGINEERS LTD

GUJARAT URBAN DEVELOPMENT COMPANY

INTERNAL LABORATORY RECORD FOR THE MONTH OF -JULY-2025

Date	INLET							OUTLET							FRC (PPM)		
	INLET FLOW (M ³)	pH	TSS (mg/l)	COD (mg/l)	BOD (mg/l)	TKN (mg/l)	PO ₂ -P (mg/l)	F.Coil (MPN/100 ML)	OUTLET FLOW (M ³)	pH	TSS (mg/l)	COD (mg/l)	BOD (mg/l)	TKN (mg/l)		PO ₂ -P (mg/l)	F.Coil (MPN/100 ML)
01-07-2025	748	6.5	185	377	189	26.2	2.6	1.4×10 ³	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
02-07-2025	2169	7.0	205	404	207	25.4	2.7	1.7×10 ³	768.0	7.3	9.0	36	4.5	2.8	1.3	63	0.6
03-07-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	472.0	7.4	8.5	32	6.0	2.4	0.7	70	0.9
04-07-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05-07-2025	0	7.2	175	376	195	32.3	2.8	1.5×10 ³	697.0	7.6	8.0	28	6.0	2.5	0.9	59	0.6
06-07-2025	3748	6.9	180	392	198	22.6	2.5	1.3×10 ³	1952.0	7.8	5.5	32	7.5	3.1	1.2	52	0.8
07-07-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	488.0	7.5	6.0	36	9.0	2.7	1.4	48	0.7
08-07-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1414.0	7.9	7.5	40	6.0	2.9	0.8	49	0.9
09-07-2025	1286	6.5	160	388	189	31.7	2.6	1.7×10 ³	2178	7.6	5.0	24	9.2	2.1	0.7	55	0.6
10-07-2025	3142	6.7	150	364	195	27.8	3.2	1.5×10 ³	1125	7.3	6.5	32	4.5	3.3	1.3	60	0.9
11-07-2025	2958	6.9	200	412	204	29.3	2.7	1.6×10 ³	1516	7.3	9.5	44	6.0	2.8	0.9	65	0.8
12-07-2025	567	6.4	175	384	183	25.4	2.3	1.8×10 ³	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13-07-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14-07-2025	2872	6.8	190	392	207	29.5	2.4	1.7×10 ³	1956	7.6	8.5	32	6.0	2.5	0.7	64	0.9
15-07-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	724	7.5	9.0	40	9.0	2.2	1.2	69	0.6
16-07-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1315	7.8	8	24	4.2	2.6	0.9	62	0.8
17-07-2025	1254	6.9	180	376	192	29.1	2.6	1.5×10 ³	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18-07-2025	3241	6.7	150	356	189	27.8	3.2	1.8×10 ³	1121	7.4	7.5	32	6.0	3.1	1.4	51	0.6
19-07-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20-07-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21-07-2025	1354	7.2	155	372	198	26.2	3.1	1.3×10 ³	849	7.7	6	28	9.2	2.1	0.6	50	0.9
22-07-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	112	7.6	5	32	6.0	2.8	1.2	55	0.7
23-07-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24-07-2025	849	6.8	190	392	183	27.8	2.7	1.3×10 ³	431	7.5	8.0	36	9.0	2.2	0.8	63	0.6
25-07-2025	1329	7.1	155	380	189	25.4	3.1	1.8×10 ³	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26-07-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27-07-2025	1122	6.9	225	412	207	31.7	2.3	1.7×10 ³	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28-07-2025	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29-07-2025	1286	6.8	165	364	186	32.3	3.2	1.4×10 ³	2178	7.8	9.0	32	7.5	3.1	1.1	57	0.6
30-07-2025	1414	6.5	180	356	198	26.2	2.7	1.5×10 ³	944	7.4	6	28	9.0	2.1	0.6	61	0.8
31-07-2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



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NAME OF PROJECT		Design, supply, construction, installation, testing and commissioning of sewage treatment plant (32.30 MLD) based on open technology with MCC panel room, DG set and all contingent civil, electrical, mechanical, piping and instrumentation works of with three months trial run and post completion operation & maintenance of entire system for 5 years including one year defect liability period at Surendranagar, District: Surendranagar, Gujarat.															
NAME OF FIRM		ENVIRO INFRA ENGINEERS LTD															
NAME OF CLIENT		GUJARAT URBAN DEVELOPMENT COMPANY															
LOG BOOK FOR		INTERNAL LABORATORY RECORD FOR THE MONTH OF -JUNE-2025															
Date	INLET							OUTLET									
	INLET FLOW (M ³)	pH	TSS (mg/l)	COD (mg/l)	BOD (mg/l)	TKN (mg/l)	PO ₄ -P (mg/l)	F.Coll. (MPN/100 ML)	OUTLET FLOW (M ³)	pH	TSS (mg/l)	COD (mg/l)	BOD (mg/l)	TKN (mg/l)	PO ₄ -P (mg/l)	F.Coll. (MPN/100 ML)	FRC (PPM)
01-06-2025	0	6.8	190.0	396.0	189	31.5	2.7	1.8×10 ⁶	796.0	7.6	6.5	32	7.5	2.1	0.8	53	0.7
02-06-2025	4189	6.9	180.0	392.0	183	31.7	2.8	1.4×10 ⁶	3859	8.0	8.0	44	9.0	2.5	1.2	49	0.8
03-06-2025	3182	6.5	185.0	392.0	186	29.5	2.5	1.7×10 ¹	1152.0	7.5	5.5	36	6.0	2.2	1.4	54	0.9
04-06-2025	1194	6.8	175.0	388.0	210	22.6	2.5	1.7×10 ³	1482	7.6	6.5	32	7.5	2.1	0.8	53	0.7
05-06-2025	0	0	0	0	0	0	0	0	488.0	7.8	7.0	32	9.2	2.9	1.1	64	0.7
06-06-2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07-06-2025	2054	6.7	190	368	183	26.4	2.8	1.3×10 ⁹	1789	7.5	9.5	40	6.0	2.6	0.9	69	0.8
08-06-2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09-06-2025	1560	7.2	155	400	195	29.3	3.2	1.8×10 ⁹	1470	7.5	6.0	40	9.0	3.1	0.7	58	0.7
10-06-2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11-06-2025	820	6.9	150	388	183	31.7	2.8	1.4×10 ⁸	730	7.9	7.5	32	4.5	2.7	0.7	60	0.7
12-06-2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13-06-2025	0	0	0	0	0	0	0	0	1183	7.6	5.5	28	6.0	2.8	0.9	66	0.9
14-06-2025	0	0	0	0	0	0	0	0	782	7.9	9.5	36	7.5	2.7	2.1	49	0.8
15-06-2025	3088	6.8	175	356	189	27.6	2.5	1.7×10 ¹	0	0	0	0	0	0	0	0	0
16-06-2025	1264	7.1	190	380	192	31.7	3.2	1.2×10 ⁸	1762	7.4	8.5	28	6.0	2.8	2.1	70	0.9
17-06-2025	459	6.6	155	395	183	29.4	2.7	1.6×10 ¹	1053	7.8	5.0	36	9.0	2.4	0.9	67	0.6
18-06-2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19-06-2025	0	0	0	0	0	0	0	0	472	7.5	9.5	32	4.5	2.8	1.2	58	0.7
20-06-2025	3168	6.9	160	372	195	22.6	3.4	1.5×10 ¹	2584	7.6	6.5	28	6.0	3.1	1.1	62	0.9
21-06-2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22-06-2025	1647	6.9	165.0	372.0	198	27.8	3.1	1.2×10 ¹	1990	7.6	5.5	28	6.4	2.2	0.7	71	0.8
23-06-2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24-06-2025	783	6.7	190	368	183	26.4	2.8	1.3×10 ¹	822	7.5	6.0	40	9.0	3.1	0.7	58	0.7
25-06-2025	567	6.6	165	384	198	32.3	2.5	1.5×10 ¹	0	0	0	0	0	0	0	0	0
26-06-2025	1286	7.2	155	400	195	29.3	3.2	1.8×10 ¹	2178	7.9	7.5	32	4.5	2.7	0.7	60	0.7
27-06-2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28-06-2025	2199	6.9	160	388	183	31.7	2.8	1.4×10 ¹	2294	7.6	5.5	28	6.0	2.8	0.9	66	0.9
29-06-2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30-06-2025	814	6.6	205	388	216	27.6	3.1	1.8×10 ¹	751	7.6	9.0	40	4.2	3.1	1.4	61	0.7



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Design, supply, construction, installation, testing and commissioning of sewage treatment plant (32.30 MLD) based on open technology with MCC panel room, DG set and all contingent civil, electrical, mechanical, piping and instrumentation works of with three months trial run and post completion operation & maintenance of entire system for 5 years including one year defect liability period at Surendernagar, District: Surendernagar, Gujarat.

NAME OF PROJECT

NAME OF FIRM

NAME OF CLIENT

LOG BOOK FOR

ENVIRO INFRA ENGINEERS LTD

GUJARAT URBAN DEVELOPMENT COMPANY

INTERNAL LABORATORY RECORD FOR THE MONTH OF -MAY-2025

Date	INLET								OUTLET								
	INLET FLOW (M ³)	pH	TSS (mg/l)	COD (mg/l)	BOD (mg/l)	TKN (mg/l)	PO ₄ -P (mg/l)	F.Cell. (MPN/100 ML)	OUTLET FLOW (M ³)	pH	TSS (mg/l)	COD (mg/l)	BOD (mg/l)	TKN (mg/l)	PO ₄ -P (mg/l)	F.Cell. (MPN/100 ML)	FRC (PPM)
01-05-2025	4125	6.4	175	384	183	25.4	2.3	1.8x10 ⁶	3985.0	7.7	7.0	36	9.0	2.4	2.1	75	0.6
02-05-2025	0	0	0	0	0	0	0	0	2748.0	7.6	9.0	40	4.2	3.1	1.4	63	0.7
03-05-2025	6148	6.6	165	384	198	32.3	2.5	1.5x10 ⁶	4158.0	7.6	8	32	6.0	3.3	0.7	53	0.6
04-05-2025	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
05-05-2025	7895	6.5	190	396	192	27.6	2.7	1.2x10 ⁶	1452.0	7.9	8.0	32	6.0	3.1	0.6	48	0.7
06-05-2025	2985	7.2	185	384	189	29.5	3.2	1.3x10 ⁶	3145.0	7.7	9.5	44	9.2	2.2	1.3	64	0.9
07-05-2025	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
08-05-2025	2858	6.6	195	376	189	25.4	2.8	1.8x10 ⁶	1458.0	7.5	9.5	32	4.5	2.8	1.2	58	0.7
09-05-2025	3748	6.7	180	392	204	29.1	2.6	1.2x10 ⁶	1954	7.6	6.5	28	6.0	3.1	1.1	62	0.9
10-05-2025	2984	6.5	175	388	192	31.2	3.1	1.7x10 ⁶	6190	7.8	7.0	24	9.2	2.7	0.8	67	0.6
11-05-2025	4896	6.2	165	372	183	29.6	3.3	1.6x10 ⁶	1428	7.6	5.5	28	6.4	2.2	0.7	71	0.8
12-05-2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13-05-2025	2874	6.4	185	392	198	31.7	2.7	1.4x10 ⁶	1958	7.5	6.0	36	7.5	2.9	1.4	69	0.9
14-05-2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15-05-2025	6740	6.2	160	384	186	26.3	2.4	1.8x10 ⁶	4784	7.7	7.0	32	6.5	2.3	0.7	64	0.6
16-05-2025	5984	6.4	195	376	210	28.4	3.2	1.5x10 ⁶	1696	7.5	8.5	40	9.2	2.2	1.3	58	0.9
17-05-2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18-05-2025	5342	6.7	175.0	368	183	26.4	2.8	1.2x10 ⁶	4128	7.4	8.5	28	6.0	2.8	2.1	70	0.9
19-05-2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-05-2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21-05-2025	7132	6.8	190.0	396.0	189	31.5	2.7	1.18x10 ⁶	6128	7.6	6.5	32	7.5	2.1	0.8	53	0.7
22-05-2025	3142	6.9	180.0	392.0	183	31.7	2.8	1.4x10 ⁶	1125	8.0	8.0	44	9.0	2.5	1.2	49	0.8
23-05-2025	2958	6.5	185.0	392.0	186	29.5	2.5	1.7x10 ⁶	1516	7.5	5.5	36	6.0	2.2	1.4	54	0.9
24-05-2025	4467	6.8	175.0	388.0	210	22.6	2.5	1.7x10 ⁶	0	0	0	0	0	0	0	0	0
25-05-2025	3857	6.9	165.0	372.0	198	27.8	3.1	1.2x10 ⁶	1256	7.8	7.0	32	9.2	2.9	1.1	64	0.7
26-05-2025	0	0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
27-05-2025	2169	6.7	195.0	376.0	189	32.3	2.4	1.4x10 ⁶	768	7.8	8.0	36	6.0	2.9	0.8	62	0.9
28-05-2025	0	0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
29-05-2025	7215	7.1	160.0	384.0	207	27.7	3.4	1.3x10 ⁶	0	0	0	0	0	0	0	0	0
30-05-2025	814	6.3	195.0	400.0	210	25.1	3.4	1.8x10 ⁶	0	0	0	0	0	0	0	0	0
31-05-2025	1218	6.7	150.0	388.0	183	26.4	2.8	1.2x10 ⁶	1517	8.0	9.0	36	9.0	3.2	1.2	55	0.6





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GREEN CIRCLE CONSULTANTS (INDIA) PVT. LTD

Integrated HSEQR Consulting Engineers, Scientists & Trainers

Report No.:- GCI/V/LAB/G268/25/RS/25-26/JUNE-01/006

Date: 13/06/2025

ANALYSIS REPORT (For the Month of JUNE-2025)

Client Details		Sample Details	
Name	M/s. Enviro Infra Engineers Limited	Sample Code	GCI/25/S6/WW6
		Location	STP Inlet & Outlet
Address	32.30 MLD STP Surendar Nagar	Quantity	2 & 2 liter
		Sampling Done By	Client
Date of Analysis	07/06/2025	Date of Sampling	06/06/2025
		Date of Sample Received	06/06/2025
Date of Completion	12/06/2025	Sampling Method	APHA 1060
		Reference Method	APHA 24 th Edition

WASTE WATER ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Inlet	Outlet	Reference Method
1.	pH @29°C	-	7.54	7.52	APHA 4500-H+ B
2.	Total Suspended Solids(TSS)	mg/L	121	5	APHA 2540 D
3.	Chemical Oxygen Demand (COB)	mg/L	343	28	APHA 5220 B
4.	Biochemical Oxygen Demand(BOD) (5 days at 20 °C)	mg/L	125	4.5	APHA 5210 B
5.	Total Phosphorus	mg/L	1.3	1.4	APHA 4500 - P
6.	Ammonical Nitrogen	mg/L	4.3	0.4	APHA 4500- NH3 C
7.	Total Nitrogen	mg/L	17.5	2.2	APHA 4500-NORG-B
8.	Faecal Coliform	MPN/100 ml	123	42	APHA 9221-E
9.	Chlorine Residual (RFC)	PPM	ND	BDL(<1)	APHA 4500-CI-B

BDL: Below Detectable Limit



Authorized Signatory
Rushali Sheth
Technical Manager

- Results relate to the items tested and sampled only.
- Reports cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be retained till 15 days from the date of sampling.

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GREEN CIRCLE CONSULTANTS (INDIA) PVT. LTD

Integrated HSEQR Consulting Engineers, Scientists & Trainers

Report No.:- GCI/V/LAB/G268/25/RS/25-26/MAY-01/005

Date: 12/05/2025

ANALYSIS REPORT (For the Month of MAY-2025)

Client Details		Sample Details	
Name	M/s. Enviro Infra Engineers Limited	Sample Code	GCI/25/S5/WW5
		Location	STP Inlet & Outlet
Address	32.30 MLD ^o STP Surendar Nagar	Quantity	2 & 2 liter
		Sampling Done By	Client
Date of Analysis	05/05/2025	Date of Sampling	04/05/2025
		Date of Sample Received	04/05/2025
Date of Completion	11/05/2025	Sampling Method	APHA 1060
		Reference Method	APHA 24 th Edition

WASTE WATER ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Inlet	Outlet	Reference Method
1.	pH @29°C	-	7.24	7.84	APHA 4500-H+ B
2.	Total Suspended Solids(TSS)	mg/L	169	7	APHA 2540 D
3.	Chemical Oxygen Demand (COD)	mg/L	368	24	APHA 5220 B
4.	Biochemical Oxygen Demand(BOD) (5 days at 20 °C)	mg/L	146	6	APHA 5210 B
5.	Total Phosphorus	mg/L	2.1	1.4	APHA 4500 - P
6.	Ammonical Nitrogen	mg/L	3.1	0.9	APHA 4500- NH3 C
7.	Total Nitrogen	mg/L	16.5	5.1	APHA 4500-NORG-B
8.	Faecal Coliform	MPN/100 ml	600	52	APHA 9221-E
9.	Chlorine Residual (RFC)	PPM	ND	BDL(<1)	APHA 4500-CI-B

BDL: Below Detectable Limit



Authorized Signatory
Rushali Sheth
Technical Manager

- Results relate to the items tested and sampled only.
- Reports cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be retained till 15 days from the date of sampling.

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NAME OF PROJECT	Design, supply, construction, installation, testing and commissioning of sewage treatment plant (32.30 MLD) based on open technology with MCC panel room, DG set and all contingent civil, electrical, mechanical, piping and instrumentation works of with three months trial run and post completion operation &												
NAME OF FIRM	ENVIRO INFRA ENGINEERS LTD												
NAME OF CLIENT	GUJARAT URBAN DEVELOPMENT COMPANY												
LOG BOOK FOR	FLOW RECORD FOR THE MONTH OF - JUNE-2025												
Date	SBR-1		SBR-2		SBR-3		SBR-4		Total Flow		EIEL SIGN	DEPTT SIGN	Remarks
	Incoming Flow Meter Qubic[m ³]	Outgoing Flow Meter Qubic[m ³]	Incoming Flow Meter Qubic[m ³]	Outgoing Flow Meter Qubic[m ³]	Incoming Flow Meter Qubic[m ³]	Outgoing Flow Meter Qubic[m ³]	Incoming Flow Meter Qubic[m ³]	Outgoing Flow Meter Qubic[m ³]	Incoming Flow Meter Qubic[m ³]	Outgoing Flow Meter Qubic[m ³]			
01/06/2025	0	191	0	189	0	173	0	245	0	798			
02/06/2025	1071	887	1001	963	997	964	1120	1045	4189	3859			
03/06/2025	760	280	756	282	780	290	886	300	3182	1152			
04/06/2025	272	326	294	342	308	306	320	508	1194	1482			
05/06/2025	0	102	0	144	0	98	0	144	0	488			
06/06/2025	0	0	0	0	0	0	0	0	0	0			
07/06/2025	735	445	735	445	735	445	749	454	2954	1789			
08/06/2025	0	0	0	0	0	0	0	0	0	0			
09/06/2025	390	365	390	365	390	365	390	375	1560	1470			
10/06/2025	0	0	0	0	0	0	0	0	0	0			
11/06/2025	205	180	205	180	205	180	205	190	820	730			
12/06/2025	0	0	0	0	0	0	0	0	0	0			
13/06/2025	0	295	0	295	0	295	0	298	0	1183			
14/06/2025	0	195	0	195	0	195	0	197	0	782			
15/06/2025	772	0	772	0	772	0	772	0	3088	0			
16/06/2025	316	440	316	440	316	440	316	442	1264	1762			
17/06/2025	110	260	110	260	110	260	129	273	459	1053			
18/06/2025	0	0	0	0	0	0	0	0	0	0			
19/06/2025	0	115	0	115	0	115	0	127	0	472			
20/06/2025	792	646	792	646	792	646	792	646	3168	2584			
21/06/2025	0	0	0	0	0	0	0	0	0	0			
22/06/2025	410	345	410	345	410	345	417	355	1647	1390			
23/06/2025	0	0	0	0	0	0	0	0	0	0			
24/06/2025	195	205	195	205	195	205	198	207	783	822			
25/06/2025	140	0	140	0	140	0	147	0	567	0			
26/06/2025	320	544	320	544	320	544	326	546	1286	2178			
27/06/2025	0	0	0	0	0	0	0	0	0	0			
28/06/2025	545	573	545	573	545	573	564	575	2199	2294			
29/06/2025	0	0	0	0	0	0	0	0	0	0			
30/06/2025	202	187	202	187	202	187	208	190	814	751			
									29174	27039			



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NAME OF PROJECT	Design, supply, construction, installation, testing and commissioning of sewage treatment plant (32.30 MLD) based on open technology with MCC panel room, DG set and all contingent civil, electrical, mechanical, piping and instrumentation works of with three months trial run and post completion operation & maintenance of entire system for 5 years including one year defect liability period at Surendernagar, District: Surendernagar, Gujarat.												
	NAME OF FIRM	ENVIRO INFRA ENGINEERS LTD											
NAME OF CLIENT	GUJARAT URBAN DEVELOPMENT COMPANY												
LOG BOOK FOR	FLOW RECORD FOR THE MONTH OF - JULY-2025												
Date	SBR-1		SBR-2		SBR-3		SBR-4		Total Flow		EIEL SIGN	DEPTT SIGN	Remarks
	Incoming Flow Meter Qubic[m ³]	Outgoing Flow Meter Qubic[m ³]	Incoming Flow Meter Qubic[m ³]	Outgoing Flow Meter Qubic[m ³]	Incoming Flow Meter Qubic[m ³]	Outgoing Flow Meter Qubic[m ³]	Incoming Flow Meter Qubic[m ³]	Outgoing Flow Meter Qubic[m ³]	Incoming Flow Meter Qubic[m ³]	Outgoing Flow Meter Qubic[m ³]			
01-07-2025	223	0	145	0	170	0	210	0	748	0			
02-07-2025	491	144	497	182	567	169	614	273	2169	768			
03-07-2025	0	115	0	115	0	115	0	127	0	472			
04-07-2025	0	0	0	0	0	0	0	0	0	0			
05-07-2025	0	130	0	202	0	180	0	185	0	697			
06-07-2025	937	488	937	488	937	488	937	488	3748	1952			
07-07-2025	0	102	0	144	0	98	0	144	0	488			
08-07-2025	0	353	0	353	0	353	0	355	0	1414			
09-07-2025	320	544	320	544	320	544	326	546	1286	2178			
10-07-2025	709	276	630	255	770	290	1033	304	3142	1125			
11-07-2025	781	366	699	371	721	383	757	396	2958	1516			
12-07-2025	140	0	140	0	140	0	147	0	567	0			
13-07-2025	0	0	0	0	0	0	0	0	0	0			
14-07-2025	718	489	718	489	718	489	718	489	2872	1956			
15-07-2025	0	105	0	264	0	195	0	160	0	724			
16-07-2025	0	295	0	312	0	353	0	355	0	1315			
17-07-2025	310	0	310	0	310	0	324	0	1254	0			
18-07-2025	810	280	810	280	810	280	811	281	3241	1121			
19-07-2025	0	0	0	0	0	0	0	0	0	0			
20-07-2025	0	0	0	0	0	0	0	0	0	0			
21-07-2025	335	210	335	210	335	210	349	219	1354	849			
22-07-2025	0	52	0	60	0	0	0	0	0	112			
23-07-2025	0	0	0	0	0	0	0	0	0	0			
24-07-2025	210	100	210	100	210	100	219	131	849	431			
25-07-2025	330	0	330	0	330	0	339	0	1329	0			
26-07-2025	0	0	0	0	0	0	0	0	0	0			
27-07-2025	279	0	279	0	279	0	285	0	1122	0			
28-07-2025	0	0	0	0	0	0	0	0	0	0			
29-07-2025	320	544	320	544	320	544	326	546	1286	2178			
30-07-2025	353	264	353	105	353	280	355	295	1414	944			
31-07-2025	0	0	0	0	0	0	0	0	0	0			
									29339	20240			



Date	SBR-1		SBR-2		SBR-3		SBR-4		Total Flow		EIEL SIGN	DEPTT SIGN	Remarks
	Incoming Flow Meter Qubic[m ³]	Outgoing Flow Meter Qubic[m ³]	Incoming Flow Meter Qubic[m ³]	Outgoing Flow Meter Qubic[m ³]	Incoming Flow Meter Qubic[m ³]	Outgoing Flow Meter Qubic[m ³]	Incoming Flow Meter Qubic[m ³]	Outgoing Flow Meter Qubic[m ³]	Incoming Flow Meter Qubic[m ³]	Outgoing Flow Meter Qubic[m ³]			
01/05/2025	1031	996	1031	996	1031	996	1031	996	4125	3985			
02/05/2025	0	0	0	0	0	0	0	0	0	2748			
03/05/2025	1537	1039	1537	1039	1537	1039	1537	1039	6148	4158			
04/05/2025	0	0	0	0	0	0	0	0	0	0			
05/05/2025	1973	363	1973	363	1973	363	1973	363	7895	1452			
06/05/2025	746	786	746	786	746	786	746	786	2985	3145			
07/05/2025	0	0	0	0	0	0	0	0	0	0			
08/05/2025	714	364	714	364	714	364	714	364	2858	1458			
09/05/2025	937	488	937	488	937	488	937	488	3748	1954			
10/05/2025	746	1525	746	1525	746	1525	746	1525	2984	6100			
11/05/2025	1224	357	1224	357	1224	357	1224	357	4896	1428			
12/05/2025	0	0	0	0	0	0	0	0	0	0			
13/05/2025	718	489	718	489	718	489	718	489	2872	1956			
14/05/2025	0	0	0	0	0	0	0	0	0	0			
15/05/2025	1685	1196	1685	1196	1685	1196	1685	1196	6740	4784			
16/05/2025	1496	424	1496	424	1496	424	1496	424	5984	1696			
17/05/2025	0	0	0	0	0	0	0	0	0	0			
18/05/2025	1303	1002	1296	996	1325	1029	1418	1101	5342	4128			
19/05/2025	0	0	0	0	0	0	0	0	0	0			
20/05/2025	0	0	0	0	0	0	0	0	0	0			
21/05/2025	1780	1530	1701	1504	1755	1493	1896	1601	7132	6128			
22/05/2025	709	276	630	255	770	290	1033	304	3142	1125			
23/05/2025	781	366	699	371	721	383	757	396	2958	1526			
24/05/2025	1103	0	1096	0	1183	0	1085	0	4467	0			
25/05/2025	897	311	937	298	997	336	1026	311	3857	1256			
26/05/2025	0	0	0	0	0	0	0	0	0	0			
27/05/2025	491	144	497	182	567	169	614	273	2169	768			
28/05/2025	0	0	0	0	0	0	0	0	0	0			
29/05/2025	1771	0	1800	0	1721	0	1923	0	7215	0			
30/05/2025	201	0	200	0	189	0	224	0	814	0			
31/05/2025	304	300	300	349	250	360	364	508	1218	1517			
									89549	0			



Checklist for Monitoring of Performance of Sewage Treatment Plants (STPs)

Date:	25-06-2025	Name and Designation:	Akash Patel -Engineer
RCM Zone	Ahmedabad	ULB/MC	Dholka Nagarpalika

Sr No	Details	Observation	Units	Max Limits
1	Name/Location of STP	Near,Pulen Circle Dholka Kheda Road	1	
2	Year of Commissioning of STP	2019		
3	Ownership of STP (Please note that if the ownership of the STP is not with ULB, Please make sure to furnish all the data from relevant department)	Dholka Nagarpalika		
4	Design Capacity of STP	13.59	MLD	
4.1	Present Design Capacity	13.59	MLD	
4.2	Intermediate Design Capacity	13.59	MLD	
4.3	Ultimate Design Capacity	13.59	MLD	
5	Capacity Utilisation (Please Attach SCADA report (Last 3 months report) as supporting, If No then attach details of measurement with sign and stamp of concern authority)		MLD	
6	O&M Carried Out By (Agency or ULB)	Micron Laser Welding Technology Gandhinagar		
7	Plant Functioning Timings (no of hours)	5.00 AM to 11.00PM		
8	Type of STP - Please Mention Process of Sewage Treatment (i) ASP - Activated sludge process (ii) TF - Trickling filter (iii) AL - Aerated lagoon (iv) UASB - Upflow anaerobic sludge blanket (v) OP - Oxidation pond/waste stabilization ponds (vi) EA - Extended Aeration (vii) SBR - Sequential Batch Reactor (viii) MBR - Membrane Bio Reactor (ix) MBBR - Moving Bed Bio Reactor	EA-Extended Aeration		
9	Influent Wastewater Characteristics	Observation	Test Dates	
i	pH	7.62	15-05-2025	
ii	BoD ₅ @ 20° C	174	15-05-2025	mg/L
iii	CoD	442	15-05-2025	mg/L
iv	TSS	345	15-05-2025	mg/L
v	TKN	16	15-05-2025	mg/L
vi	Total Phosphorous	0.006	15-05-2025	mg/L
vii	Total Coliform	550		MPN/100 ml
10	Point of treated water Disposal	Yes		
11	Bypass arrangements at STP, if any	Yes		
12	Method of Sludge Disposal & Status	Manual		
13	Volume of Industrial Waste being mixed, if any	No		
14	Treated Sewage Quality @ Outlet of Chlorine Contact Tank	Observation	Test Dates	
i	pH	7.35	15-05-2025	6.5 to 9
ii	BoD ₅ @ 20° C	7.65	15-05-2025	mg/L Less than 10
iii	CoD	31	15-05-2025	mg/L Less than 50
iv	TSS	14	15-05-2025	mg/L Less than 10
v	NH ₄ -N	4	15-05-2025	mg/L Less than 5
vi	N-Total	0.15	15-05-2025	mg/L Less than 10
vii	Total Phosphorus (PO ₄ -P)	0.004	15-05-2025	mg/L Less than 2
viii	Total Coliform	110	15-05-2025	MPN/100 ml 20% of TC
ix	Fecal Coliform	90	15-05-2025	MPN/100 ml Less than 100
x	Total Residual Chlorine	0.9	15-05-2025	mg/L 1
15	Status of Miantainance of Log Book	Yes		
	- Updated Frequency	Daily		
	- Data availability Period	1 Year		

viii	Total Coliform	110	15-05-2025	MPN/100 ml	20% of TC
ix	Fecal Coliform	90	15-05-2025	MPN/100 ml	Less than 100
x	Total Residual Chlorine	0.9	15-05-2025	mg/L	1
15	Status of Maintenance of Log Book	Yes			
	- Updated Frequency	Daily			
	- Data availability Period	1 Year			
16	Availability of Lab Facility (if Yes, provide last 3 months results of testing of treated waste water performed duly signed by competent authorities)	Yes			
17	Name and Designation of the person carrying out lab tests	Rakesh M Chudhary-Lab Chemist			
18	Provide lab testing data of last three months - yes				
19	If lab facility is not available in-house, Provide last 3 months results of Testing of Treated Waste Water performed at any private lab/GERI - testing of treated water performed at private lab				
20	If no testing is being conducted please provide justification for the same - NA				
21	Any additional comments about the working of STP				


City Manager
Dholka NagarPalika


Engineer
Dholka NagarPalika


Chief Officer
Dholka NagarPalika

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MaRS Enviro Research & Engineering Services Pvt. Ltd.

NABL Accredited Laboratory Certificate No. : TC-7070

Lab : Survey No. 171/1, Near Vandematram Railway Crossing, Near Shakti Estate, Opp. Kumbharvas, Gota - Jagatpur Road, Ahmedabad - 382 481.
Email : lab@marsconsultancy.com (M) : 9925043497, 9023945878

TEST REPORT

Report No. : MaRS/MTL/568	Report Date : 15-05-25
Sample Received Date : 03-05-25	Description of Sample : Water_Inlet
Duration of Testing : 03-05-25 to 15-05-25	Condition of Sample : Satisfactory
Sample ID : MTL/568/1	
Client Name : Chief Officer Dholka Nagar Palika	
Contractor Name : Micron Laser Welding Technology, Gandhinagar	
Project Name : 13.60 MLD STP AT Dholka Nagarpalika Dholka	
Identification : Inlet (Raw water Sewage)	

TEST RESULTS

Sr. No.	Parameters	Test Method IS :3025	Results	Units	IS Specification Limit as per 10500
1	pH	IS 3025 – Part – 11	7.62	N/A	6.8 – 8.0
2	Total Suspended Solids	IS 3025 – Part - 17	345.00	mg/L	Max. 400 mg/l
3	Total Dissolved Solids	IS : 3025 - Part 16	423.00	mg/L	Max. 500 mg/l
4	Chemical Oxygen Demand	IS 3025 – Part – 58	442.00	mg/L	Max. 550 mg/l
5	Biological Oxygen Demand	IS 3025 – Part – 44	174.00	mg/L	Max. 250 mg/l
6	Total Phosphorus as P	IS 3025 – Part -31	0.006	mg/L	Max. 0.03 mg/l
7	Total Nitrogen	IS 3025 – Part -34	0.30	mg/L	Max 0.5 mg/l

Authorized Signatory

MaRS Enviro Research & Engineering Services Private Limited

Remarks:

1. The test report does not indicate the quality of the product or usage of product or Suitability of the Product or Material.
2. Testing was carried out as per IS Codes.
3. The test result related to the samples supplied by the client/agency.
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NABL Accredited Laboratory Certificate No. : TC-7070

Lab : Survey No. 171/1, Near Vandematram Railway Crossing, Near Shakti Estate, Opp. Kumbharvas, Gota - Jagatpur Road, Ahmedabad - 382 481.
Email : lab@marsconsultancy.com (M) : 9925043497, 9023945878**TEST REPORT**

Report No. : MaRS/MTL/568	Report Date : 15-05-25
Sample Received Date : 03-05-25	Description of Sample : Water_Outlet
Duration of Testing : 03-05-25 to 15-05-25	Condition of Sample : Satisfactory
Sample ID : MTL/568/2	
Client Name : Chief Officer Dholka Nagar Palika	
Contractor Name : Micron Laser Welding Technology, Gandhinagar	
Project Name : 13.60 MLD STP AT Dholka Nagarpalika Dholka	
Identification : Outlet (Treated water Sewage)	

TEST RESULTS

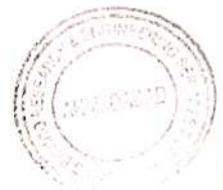
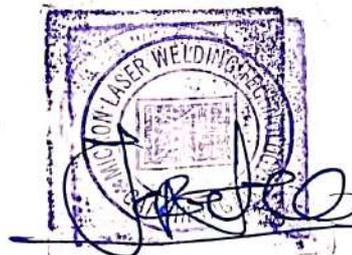
Sr. No.	Parameters	Test Method IS :3025	Results	Units	IS Specification Limit as per 10500
1	pH	IS 3025 - Part - 11	7.35	N/A	6.5 - 8.0
2	Total Suspended Solids	IS 3025 - Part - 17	14.00	mg/L	Max. 100 mg/l
3	Total Dissolved Solids	IS : 3025 - Part 16	42.00	mg/L	Max. 500 mg/l
4	Chemical Oxygen Demand	IS 3025 - Part - 58	31.00	mg/L	Max. 250 mg/l
5	Biological Oxygen Demand	IS 3025 - Part - 44	7.65	mg/L	Max. 30 mg/l
6	Total Phosphorus as P	IS 3025 - Part -31	0.004	mg/L	Max. 0.03 mg/l
7	Total Nitrogen	IS 3025 - Part -34	0.15	mg/L	Max 0.5 mg/l

Authorized Signatory

MaRS Enviro Research & Engineering Services Private Limited

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Lab : Survey No. 171/1, Near Vandematram Railway Crossing, Near Shakti Estate, Opp. Kumbharvas, Gota - Jagatpur Road, Ahmedabad - 382 481.

Email : lab@marsconsultancy.com (M) : 9925043497, 9023945878

TEST REPORT

Report No. : MaRS/MTL/4811	Report Date : 12-03-25
Sample Received Date : 03-03-25	Description of Sample : Water_Inlet
Duration of Testing : 03-03-25 to 12-03-25	Condition of Sample : Satisfactory
Sample ID : MTL/4811/1	
Client Name : Chief Officer Dholka Nagar Palika	
Contractor Name : Micron Laser Welding Technology, Gandhinagar	
Project Name : 13.60 MLD STP AT Dholka Nagarpalika Dholka	
Identification : Inlet (Raw water Sewage)	

TEST RESULTS

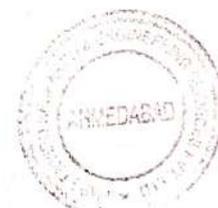
Sr. No.	Parameters	Test Method IS :3025	Results	Units	IS Specification Limit as per 10500
1	pH	IS 3025 - Part - 11	7.58	N/A	6.8 - 8.0
2	Total Suspended Solids	IS 3025 - Part - 17	352.00	mg/L	Max. 400 mg/l
3	Total Dissolved Solids	IS : 3025 - Part 16	436.00	mg/L	Max. 500 mg/l
4	Chemical Oxygen Demand	IS 3025 - Part - 58	415.00	mg/L	Max. 550 mg/l
5	Biological Oxygen Demand	IS 3025 - Part - 44	175.00	mg/L	Max. 250 mg/l
6	Total Phosphorus as P	IS 3025 - Part -31	0.009	mg/L	Max. 0.03 mg/l
7	Total Nitrogen	IS 3025 - Part -34	0.41	mg/L	Max 0.5 mg/l

Authorized Signatory

MaRS Enviro Research & Engineering Services Private Limited

Remarks:

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Lab : Survey No. 171/1, Near Vandematram Railway Crossing, Near Shakti Estate, Opp. Kumbharvas, Gota - Jagatpur Road, Ahmedabad - 382 481.
Email : lab@marsconsultancy.com (M) : 9925043497, 9023945878

TEST REPORT

Report No. : MaRS/MTL/4811	Report Date : 12-03-25
Sample Received Date : 03-03-25	Description of Sample : Water Outlet
Duration of Testing : 03-03-25 to 12-03-25	Condition of Sample : Satisfactory
Sample ID : MTL/4811/2	
Client Name : Chief Officer Dholka Nagar Palika	
Contractor Name : Micron Laser Welding Technology, Gandhinagar	
Project Name : 13.60 MLD STP AT Dholka Nagarpalika Dholka	
Identification : Outlet (Treated water Sewage)	

TEST RESULTS

Sr. No.	Parameters	Test Method IS :3025	Results	Units	IS Specification Limit as per 10500
1	pH	IS 3025 - Part - 11	7.45	N/A	6.5 - 8.0
2	Total Suspended Solids	IS 3025 - Part - 17	25.00	mg/L	Max. 100 mg/l
3	Total Dissolved Solids	IS : 3025 - Part 16	46.00	mg/L	Max. 500 mg/l
4	Chemical Oxygen Demand	IS 3025 - Part - 58	51.20	mg/L	Max. 250 mg/l
5	Biological Oxygen Demand	IS 3025 - Part - 44	5.25	mg/L	Max. 30 mg/l
6	Total Phosphorus as P	IS 3025 - Part -31	0.004	mg/L	Max. 0.03 mg/l
7	Total Nitrogen	IS 3025 - Part -34	0.15	mg/L	Max 0.5 mg/l

Authorized Signatory

MaRS Enviro Research & Engineering Services Private Limited

Remarks:

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2. Testing was carried out as per IS Codes.
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TEST REPORT

Report No. : MaRS/MTL/170	Report Date : 15-04-25
Sample Received Date : 02-04-25	Description of Sample : Water_Inlet
Duration of Testing : 02-04-25 to 15-04-25	Condition of Sample : Satisfactory
Sample ID : MTL/170/1	
Client Name : Chief Officer Dholka Nagar Palika	
Contractor Name : Micron Laser Welding Technology, Gandhinagar	
Project Name : 13.60 MLD STP AT Dholka Nagarpalika Dholka	
Identification : Inlet (Raw water Sewage)	

TEST RESULTS

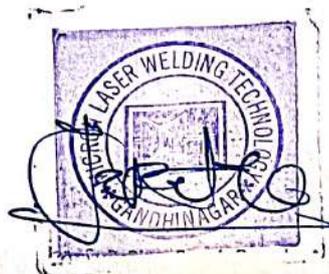
Sr. No.	Parameters	Test Method IS :3025	Results	Units	IS Specification Limit as per 10500
1	pH	IS 3025 - Part - 11	7.58	N/A	6.8 - 8.0
2	Total Suspended Solids	IS 3025 - Part - 17	381.00	mg/L	Max. 400 mg/l
3	Total Dissolved Solids	IS : 3025 - Part 16	412.00	mg/L	Max. 500 mg/l
4	Chemical Oxygen Demand	IS 3025 - Part - 58	457.00	mg/L	Max. 550 mg/l
5	Biological Oxygen Demand	IS 3025 - Part - 44	184.00	mg/L	Max. 250 mg/l
6	Total Phosphorus as P	IS 3025 - Part -31	0.007	mg/L	Max. 0.03 mg/l
7	Total Nitrogen	IS 3025 - Part -34	0.32	mg/L	Max 0.5 mg/l

Authorized Signatory

MaRS Enviro Research & Engineering Services Private Limited

Remarks:

1. The test report does not indicate the quality of the product or usage of product or Suitability of the Product or Material.
2. Testing was carried out as per IS Codes.
3. The test result related to the samples supplied by the client/agency.
4. Reproduction of this report in whole or in part by any means except with written Permission of the testing Agency shall be deemed to be an infringement.
5. The report/ result are not to be used for Publicity.



TEST REPORT

Report No. : MaRS/MTL/170	Report Date : 15-04-25
Sample Received Date : 02-04-25	Description of Sample : Water Outlet
Duration of Testing : 02-04-25 to 15-04-25	Condition of Sample : Satisfactory
Sample ID : MTL/170/2	
Client Name : Chief Officer Dholka Nagar Palika	
Contractor Name : Micron Laser Welding Technology, Gandhinagar	
Project Name : 13.60 MLD STP AT Dholka Nagarpalika Dholka	
Identification : Outlet (Treated water Sewage)	

TEST RESULTS

Sr. No.	Parameters	Test Method IS :3025	Results	Units	IS Specification Limit as per 10500
1	pH	IS 3025 - Part - 11	7.40	N/A	6.5 - 8.0
2	Total Suspended Solids	IS 3025 - Part - 17	18.00	mg/L	Max. 100 mg/l
3	Total Dissolved Solids	IS : 3025 - Part 16	42.00	mg/L	Max. 500 mg/l
4	Chemical Oxygen Demand	IS 3025 - Part - 58	34.00	mg/L	Max. 250 mg/l
5	Biological Oxygen Demand	IS 3025 - Part - 44	8.10	mg/L	Max. 30 mg/l
6	Total Phosphorus as P	IS 3025 - Part -31	0.005	mg/L	Max. 0.03 mg/l
7	Total Nitrogen	IS 3025 - Part -34	0.18	mg/L	Max 0.5 mg/l

Authorized Signatory

MaRS Enviro Research & Engineering Services Private Limited

Remarks:

1. The test report does not indicate the quality of the product or usage of product or Suitability of the Product or Material.
2. Testing was carried out as per IS Codes.
3. The test result related to the samples supplied by the client/agency.
4. Reproduction of this report in whole or in part by any means except with written Permission of the testing Agency shall be deemed to be an infringement.
5. The report/ result are not to be used for Publicity.



DHOLKA MUNICIPALITY

Location:- 13.5 MLD DHOLKA STP

Lab Sample Analysis Record

Month:- MAY 2025

Date	Inlet Sample						Treated Sewage						RESIDUAL CHLORINE
	PH	COD	BOD	TSS	Phos.	Fecal coliform	PH	COD	BOD	TSS	Phos.	Fecal Coliform	
							7.52	45	8	8	2.1		0.9
1	8.05	388	240	395	4.6		7.62	40	7	6	1.5	<=10*6	1.5
2	8.07	356	238	355	5.6		7.866	46	8	8	1.5		0.8
3	7.95	386	225	365	8.1		7.96	48	6	6	0.8		0.7
4	8.25	350	198	345	4.6		8.02	50	8	8	0.66		0.5
5	7.65	298	178	365	2.6		7.65	52	9	9	0.5	<=10*6	1.8
6	8.26	305	240	325	5.3	<=10*6	8.05	48	10	12	0.2		0.5
7	8.28	314	250	365	4.2		8.15	35	8	5	0.25		0.6
8	8.01	306	230	365	5.9		8.22	55	9	6	0.5		0.4
9	8.03	310	222	350	6.1		8.12	60	8	9	1.6	<=10*6	0.6
10	8.06	326	225	351	5.3	<=10*6	8.1	35	7	7	1.5		0.5
11	8.07	354	220	345	6.3		8.11	38	9	8	1.75		1.4
12	8.45	280	240	375	6.4		8.45	36	8	9	1.56		1.2
13	8.4	288	180	402	5.3		7.56	38	9	8	1.5	<=10*6	0.8
14	8.22	305	188	305	5.6	<=10*6	7.95	34	8	5	1.64		1.5
15	8.12	268	190	365	4.5		7.85	38	9	8	1.65		0.8
16	8.16	265	204	366	6.4		7.56	42	5	9	1.84		0.7
17	8.08	365	206	360	5.6		7.56	42	5	5	1.666	<=10*6	0.6
18	7.95	345	205	325	5.6	<=10*6	7.86	45	8	8	1.62		0.8
19	8.21	360	200	365	2.5		7.84	45	6	8	1.5		0.7
20	8.09	340	206	356	2.6		7.86	40	5	10	1.5		0.6
21	7.91	370	204	385	5.8		7.56	48	7	8	0.55		0.8
22	7.95	374	206	345	5.7	<=10*6	7.78	50	8	9	0.6	<=10*6	1.2
23	7.96	388	240	344	8.7		7.68	45	9	8	0.45		0.8
24	8.36	346	234	361	4.6		7.64	55	8	7	0.53		0.8
25	8.29	350	231	368	4.1		7.68	42	7	8	0.85		0.5
26	8.31	348	230	359	4.5	<=10*6	7.62	58	6	9	0.54	<=10*6	1
27	8.31	377	220	360	5.2		7.63	54	5	5	0.7		0.8
28	8.34	354	230	370	5.3		7.64	55	8	8	0.5		0.5
29	8.36	366	228	365	5.6		7.62	45	9	9	0.12		0.8
30	8.22	364	224	388	4.8	<=10*6	7.69	48	8	8	0.85	<=10*6	1
31	8.25	384	221	365	4.6		7.7	50	9	8	0.58		1
Min.	7.65	265	178	305	2.5	<=10*6	7.52	34	5	5	0.12	<=10*6	0.4
Max.	8.45	388	250	402	8.7	<=10*6	8.45	60	10	12	2.1	<=10*6	1.8
Avg.	8.05	326.5	214	353.5	5.6	<=10*6	7.985	47	7.5	8.5	1.11	<=10*6	1.1



DHOLKA MUNICIPALTY

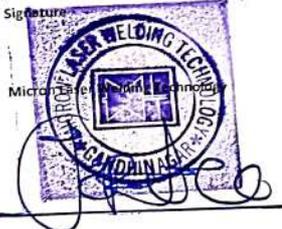
Location:- 13.5 MLD DHOLKA STP

Lab Sample Analysis Record

Month:- MARCH 2025

Date	Inlet Sample						Treated Sewage						RESIDUAL CHLORINE
	PH	COD	BOD	TSS	Phos.	Fecal coliform	PH	COD	BOD	TSS	Phos.	Fecal Coliform	
1	8.04	310	242	430	4.5		7.52	55	12	9	1.8		0.8
2	7.90	350	244	450	5.6	<=10*6	7.55	54	10	10	1.7	<=10*6	1.2
3	7.75	310	238	460	7.2		7.75	50	8	9	2.4		1
4	8	340	220	392	3.6		7.8	35	9	8	2		0.6
5	7.99	315	194	388	3.5		7.75	48	10	7	1.5		0.8
6	7.88	275	212	395	4.3		7.45	50	8	12	0.9		1
7	7.75	280	215	388	5.1	<=10*6	7.55	55	9	10	0.8	<=10*6	1
8	7.72	285	225	372	5.4		7.9	60	8	10	1.2		0.7
9	7.75	290	195	377	5.8		7.75	52	9	8	1.1		0.66
10	7.56	295	188	378	5.7		7.78	55	9	9	1.7		0.5
11	7.64	320	240	384	5.8		7.79	56	10	8	1.8		0.4
12	7.65	322	245	388	5.9	<=10*6	7.78	57	9	7	1.9	<=10*6	0.8
13	7.66	315	248	394	6.1		7.81	58	8	8	2.4		0.9
14	7.79	335	250	396	7.4		7.75	50	9	9	2.5		1
15	8.08	350	254	352	6.4		7.55	45	9	10	2		1.1
16	7.91	335	250	350	5.4		7.65	40	10	6	2.5		1.5
17	7.95	275	252	358	4.5	<=10*6	7.65	46	8	7	2.8	<=10*6	1
18	7.85	295	255	384	4.5		7.59	44	8	9	2		1
19	7.89	284	250	392	4.6		7.78	45	7	8	1.5		1
20	7.73	274	240	390	3		7.75	48	6	9	1.6		0.5
21	7.7	292	244	378	3.5		7.52	50	5	10	1.5		0.6
22	7.51	278	214	384	3.8	<=10*6	7.55	52	7	8	1.6	<=10*6	0.8
23	7.48	270	220	380	3		7.56	54	8	7	1.5		0.8
24	7.52	225	216	382	4.5		7.55	50	7	6	1.8		1
25	7.54	250	208	388	3.5		8	42	8	5	1.6		1
26	7.55	254	204	392	4.5		7.78	50	9	10	1.5		0.5
27	7.57	256	198	394	3.4	<=10*6	7.7	40	10	6	1.7	<=10*6	0.8
28	7.56	258	180	380	5.5		7.49	48	8	8	1.9		1
29	8.31	290	190	384	3		7.78	44	10	5	2.1		1
30	7.95	278	170	388	5.5		7.75	38	8	10	2		1
31	7.96	292	210	395	6.5		7.75	40	8	6	1.5		1
Min.	7.48	225	170	350	3	<=10*6	7.45	35	5	5	0.8	<=10*6	0.4
Max.	8.31	350	255	460	7.4	<=10*6	8	60	12	12	2.8	<=10*6	1.5
Avg.	7.895	287.5	212.5	405	5.2	<=10*6	7.725	47.5	8.5	8.5	1.8	<=10*6	0.95

Signature



Micro



Location:- 13.5 MLD DHOLKA STP
 Lab Sample Analysis Record
 Month:- APRIL 2025

DHOLKA MUNICIPALTY

Date	Inlet Sample						Treated Sewage						
	PH	COD	BOD	TSS	Phos.	Fecal coliform	PH	COD	BOD	TSS	Phos.	Fecal Coliform	RESIDUAL CHLORINE
1	7.95	310	258	410	2.9	<=10*6	7.56	54	9	9	1.5	<=10*6	0.8
2	8.05	325	288	390	3.4		7.92	50	8	10	1.6		0.9
3	8.15	328	240	392	3		7.88	48	9	12	2		1.4
4	8	328	245	375	6.5		7.95	50	10	8	1.7		1.2
5	7.99	358	235	372	3.5		7.85	40	10	9	1.8		1
6	8.04	298	222	380	4.2	<=10*6	7.92	45	9	10	1.6	<=10*6	0.8
7	8.08	275	240	375	4.6		7.88	50	8	10	1.5		0.9
8	8.15	298	198	450	8.2		7.56	48	7	8	2.1		1.5
9	8.25	354	192	455	5.6		7.62	55	6	9	1.5		1
10	8.56	345	165	465	3.6		7.54	47	8	5	1.6		0.9
11	8.7	325	168	456	4.5	<=10*6	7.56	35	9	7	0.8	<=10*6	0.8
12	8.51	342	167	450	8.6		7.8	55	10	8	0.5		1
13	8.42	350	166	345	4.6		8	56	5	6	0.6		0.7
14	8.23	364	220	365	5.6		7.6	30	6	8	0.8		1.2
15	8.35	354	258	365	7.66		7.56	35	8	7	0.9		1
16	8.45	280	250	645	8.2	<=10*6	7.95	45	7	8	0.8	<=10*6	0.8
17	8.39	265	264	455	4.6		7.92	46	9	9	0.8		0.7
18	8.46	264	246	450	5.6		7.56	48	5	9	1.5		0.5
19	8.65	285	265	425	7.1		7.94	49	4	8	2		0.8
20	8.53	254	254	420	5.6		7.62	50	8	8	2.5		0.7
21	8.29	268	256	465	1.6	<=10*6	7.99	52	6	7	1.5	<=10*6	1.4
22	8.56	236	241	395	2.5		8.01	56	5	8	0.4		1
23	8.53	236	250	390	3.6		8.05	55	8	7	0.6		0.7
24	8.45	245	206	340	4.5		8	54	9	8	0.8		0.9
25	8.56	250	208	326	6.2		7.94	54	8	9	0.9		1
26	8.44	364	212	320	3.6	<=10*6	7.96	50	7	10	0.8	<=10*6	0.7
27	8.56	254	222	322	3.5		7.94	45	6	8	0.7		0.6
28	8.22	388	245	354	4.6		7.95	46	5	7	0.9		0.8
29	8.23	354	254	310	4.5		7.91	44	6	9	0.6		1
30	7.98	361	276	300	4.2		7.97	48	4	8	0.6		1.5

Min.	7.95	236	165	300	1.6	<=10*6	7.54	30	4	5	0.4	<=10*6	0.5
Max.	8.7	388	288	645	8.6	<=10*6	8.05	56	10	12	2.5	<=10*6	1.5
Avg.	8.325	312	226.5	472.5	5.1	<=10*6	7.795	43	7	8.5	1.45	<=10*6	1



DHOLKA MUNICIPALITY

Location:- 13.5 MLD DHOLKA STP

Lab Sample Analysis Record

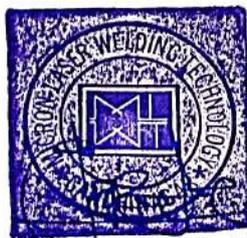
Month:- JUNE 2025

Date	Inlet Sample						Treated Sewage						RESIDUAL CHLORINE
	PH	COD	BOD	TSS	Phos.	Fecal coliform	PH	COD	BOD	TSS	Phos.	Fecal Coliform	
1	7.98	356	240	325	2.6	<=10*6	7.56	45	8	7	1.5	<=10*6	0.7
2	7.92	362	256	320	2.5		7.88	50	7	8	1.5		0.8
3	7.95	360	202	352	3.5		7.95	48	6	7	1.56		0.5
4	8.25	340	200	350	3.6		8.15	47	8	5	1.42		1.4
5	8.56	322	188	340	4.8	<=10*6	8.06	46	9	9	1.53	<=10*6	1.2
6	8.4	342	186	280	4.6		8.05	44	8	8	1.45		1
7	7.96	360	185	420	4.5		8	42	9	7	1.96		0.8
8	7.56	382	205	452	4.2		8.06	35	8	8	1.58		0.7
9	7.59	364	210	425	4.6	<=10*6	8.18	35	8	5	1.64	<=10*6	0.5
10	7.42	380	220	421	5.3		7.53	40	9	7	1.65		0.5
11	7.56	365	222	432	5.5		7.56	50	8	8	1.68		0.4
12	7.88	367	225	390	5.8		7.84	52	7	9	1.75		0.6
13	7.9	365	242	388	5.6	<=10*6	7.56	56	8	8	1.58	<=10*6	0.8
14	8.25	380	263	380	5.6		7.96	56	9	7	1.65		1
15	8.53	345	262	365	5.8		7.95	52	8	6	1.65		0.8
16	8.56	366	250	384	5.2		7.85	50	8	8	2.05		0.7
17	8.4	341	248	362	8.2	<=10*6	7.86	48	9	8	1.8	<=10*6	0.8
18	8.56	325	265	358	5.6		7.84	44	8	7	0.58		0.5
19	8.22	320	256	356	4.9		7.86	45	8	9	0.45		0.7
20													
21													
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Min.	7.42	320	185	280	2.5	<=10*6	7.53	35	6	5	0.45	<=10*6	0.4
Max.	8.56	382	265	452	8.2	<=10*6	8.18	56	9	9	2.05	<=10*6	1.4
Avg.	7.99	351	225	366	5.35	<=10*6	7.855	45.5	7.5	7	1.25	<=10*6	0.9



Dholka Folw Meter Data			
Mar-25			
Date	Start	Stop	Total
01-03-2025	4875679	4892074	16395
02-03-2025	4892074	4907949	15875
03-03-2025	4907949	4924282	16333
04-03-2025	4924282	4941040	16758
05-03-2025	4941040	4957490	16450
06-03-2025	4957490	4974290	16800
07-03-2025	4974290	4990190	15900
08-03-2025	4990190	5006190	16000
09-03-2025	5006190	5022390	16200
10-03-2025	5022390	5038922	16532
11-03-2025	5038922	5054738	15816
12-03-2025	5054738	5070946	16208
13-03-2025	5070946	5087076	16130
14-03-2025	5087076	5102976	15900
15-03-2025	5102976	5119166	16190
16-03-2025	5119166	5136162	16996
17-03-2025	5136162	5151462	15300
18-03-2025	5151462	5167585	16123
19-03-2025	5167585	5184081	16496
20-03-2025	5184081	5200132	16051
21-03-2025	5200132	5201802	1670
22-03-2025	5201802	5218072	16270
23-03-2025	5218072	5234362	16290
24-03-2025	5234362	5250867	16505
25-03-2025	5250867	5267104	16237
26-03-2025	5267104	5282974	15870
27-03-2025	5282974	5299084	16110
28-03-2025	5299084	5315299	16215
29-03-2025	5315299	5331613	16314
30-03-2025	5331613	5348230	16617
31-03-2025	5348230	5364240	16010



Dholka Folw Meter Data			
			Apr-25
Date	Start	Stop	Total
01-04-2025	5364240	5381625	17385
02-04-2025	5381625	5399510	17885
03-04-2025	5399510	5416855	17345
04-04-2025	5416855	5434617	17762
05-04-2025	5434617	5452057	17440
06-04-2025	5452057	5469912	17855
07-04-2025	5469912	5487112	17200
08-04-2025	5487112	5503912	16800
09-04-2025	5503912	5520712	16800
10-04-2025	5520712	5537444	16732
11-04-2025	5537444	5554264	16820
12-04-2025	5554264	5571476	17212
13-04-2025	5571476	5588596	17120
14-04-2025	5588596	5605296	16700
15-04-2025	5605296	5621491	16195
16-04-2025	5621491	5638476	16985
17-04-2025	5638476	5654781	16305
18-04-2025	5654781	5671906	17125
19-04-2025	5671906	5689401	17495
20-04-2025	5689401	5706456	17055
21-04-2025	5706456	5724231	17775
22-04-2025	5724231	5741506	17275
23-04-2025	5741506	5759801	18295
24-04-2025	5759801	5778310	18509
25-04-2025	5778310	5796550	18240
26-04-2025	5796550	5815425	18875
27-04-2025	5815425	5834303	18878
28-04-2025	5834303	5853263	18960
29-04-2025	5853263	5871437	18174
30-04-2025	5871437	5889909	18472



Dholka Folw Meter Data

May-25

Date	Start	Stop	Total
01-05-2025	5889909	5906994	17085
02-05-2025	5906994	5924279	17285
03-05-2025	5924279	5941524	17245
04-05-2025	5941524	5958886	17362
05-05-2025	5958886	5976726	17840
06-05-2025	5976726	5994081	17355
07-05-2025	5994081	6011481	17400
08-05-2025	6011481	6027581	16100
09-05-2025	6027581	6043881	16300
10-05-2025	6043881	6060513	16632
11-05-2025	6060513	6076833	16320
12-05-2025	6076833	6094145	17312
13-05-2025	6094145	6111465	17320
14-05-2025	6111465	6127765	16300
15-05-2025	6127765	6144060	16295
16-05-2025	6144060	6160345	16285
17-05-2025	6160345	6176450	16105
18-05-2025	6176450	6193675	17225
19-05-2025	6193675	6211270	17595
20-05-2025	6211270	6228625	17355
21-05-2025	6228625	6246000	17375
22-05-2025	6246000	6263975	17975
23-05-2025	6263975	6282170	18195
24-05-2025	6282170	6300779	18609
25-05-2025	6300779	6319119	18340
26-05-2025	6319119	6338094	18975
27-05-2025	6338094	6356272	18178
28-05-2025	6356272	6374743	18471
29-05-2025	6374743	6392915	18172
30-05-2025	6392915	6411290	18375
31-05-2025	6411290	6429564	18274



**Checklist for Monitoring of Performance of Sewage Treatment Plants
(STPs)**

Date:	03-07-2025	Name and Designation:	KUSHAL CHOKSHI (City Manager SWM)	
RCM Zone	Ahmedabad	ULB/MC	Sanand	
Sr No	Details	Observation	Units	Max Limits
1	Name/Location of STP	20.5 MLD STP, AT- MADHAVNAGAR SANAND 382110		
2	Year of Commissioning of STP	2013		
3	Ownership of STP	AUDA		
4	Design Capacity of STP	20.5		MLD
4.1	Present Design Capacity	6.7		MLD
4.2	Intermediate Design Capacity	8.54		MLD
4.3	Ultimate Design Capacity	20.5		MLD
5	Capacity Utilisation (Please Attach SCADA report (Last 3 months report) as supporting, if No then attach details of measurement with sign and stamp of concern authority)	8.54		MLD
6	O&M Carried Out By (Agency or ULB)	MICRON WELDING LASER TECHNOLOGY, GANDHINAGAR		
7	Plant Functioning Timings (no of hours)	24 HRS		
8	Type of STP - Please Mention Process of Sewage Treatment (i) ASP - Activated sludge process (ii) TF - Trickling filter (iii) AL - Aerated lagoon (iv) UASB - Upflow anaerobic sludge blanket (v) OP - Oxidation pond/waste stabilization ponds (vi) EA - Extended Aeration (vii) SBR - Sequential Batch Reactor (viii) MBR - Membrane Bio Reactor (ix) MBBR - Moving Bed Bio Reactor	SBR - SEQUENTIAL BATCH REACTOR		
9	Influent Wastewater Charachterstics	Observation	Test Dates	
i	pH	7.65	30-06-2025	
ii	BoD ₅ @ 20°C	222	30-06-2025	mg/L
iii	CoD	330.60	30-06-2025	mg/L
iv	TSS	436.70	30-06-2025	mg/L
v	TKN	9.70	30-06-2025	mg/L
vi	Total Phosphorous	5.50	30-06-2025	mg/L
vii	Total Coliform	570	30-06-2025	MPN/100 ml
10	Point of treated water Disposal	Irrigation Canal		5.7*1000
11	Bypass arrangements at STP, if any	NO		
12	Method of Sludge Disposal & Status	Centrifugal Pump		
13	Volume of Industial Waste being mixed, if any	NO		
14	Treated Sewage Quality @ Outlet of Chlorine	Observation	Test Dates	
i	pH	6.95	30-06-2025	
ii	BoD ₅ @ 20°C	5	30-06-2025	6.5 to 9
iii	CoD	76	30-06-2025	mg/L
iv	TSS	5	30-06-2025	mg/L
v	NH ₄ -N	-	30-06-2025	mg/L
vi	N-Total	3	30-06-2025	mg/L
vii	Total Phosphorus (PO ₄ -P)	1	30-06-2025	mg/L
viii	Total Coliform	114	30-06-2025	mg/L
ix	Fecal Coliform	420	30-06-2025	MPN/100 ml
x	Total Residual Chlorine	0.3	30-06-2025	MPN/100 ml
15	Status of Maintanance of Log Book			
	- Updated Frequency	DAILY		
	- Data availability Period	YES		
16	Availability of Lab Facility	YES		

17	Name and Designation of the person carrying out lab tests	RAKESH M. CHAUDHARY	CHEMIST	
18	Any additional comments about the working of STP			


City Manager-SWM
Sanand Nagarpalika




Chief Officer
Sanand Nagarpalika

Project : 20.5 MLD Capacity STP SBR type at Sanand Under AUDA

Contractor : Micron Laser Welding Technology. Gandhinagar

Client : Ahmedabad Urban Development Authority

Lab Analysis Report For The Month of JUNE - 2025

Sample Point	Raw Water Sewage								Treated Water Sewage						
Name of Analysis	pH	Total Suspended Solids (TSS)	Chemical Oxygen Demand (COD)	Bio-Chemical Oxygen Demand (BOD)	Total Phosphorus	Total Nitrogen	Fecal Califormum	Ph	Total Suspended Solids (TSS)	Chemical Oxygen Demand (COD)	Bio-Chemical Oxygen Demand (BOD)	Total Phosphorus	Total Nitrogen	Fecal Califormum	Chlorine
Unit	-	mg/L	mg/L	mg/L	mg/L	mg/L	MPN/mL	-	mg/L	mg/L	mg/L	mg/L	mg/L	MPN/mL	mg/L
Sewage Characteristic as per tender	6.5 - 7.5	400	450	250	8	45		6.5 - 7.5	<10	<100	<10	<2	<10	<10000 MPN/100 mL	<0.5
Date															
01-06-2025	7.65	403	380	240	6.5	13	5.4X100	7.09	6	78	5	0.8	8	2.5X1000	0.4
02-06-2025	7.09	420	378	238	7.3	11	5.6X1000	6.91	7	80	6	0.9	7	3.5X1000	0.5
03-06-2025	7.64	380	380	210	5.3	12	5.3X100	7.04	8	72	5	1.4	10	3.5X1000	0.3
04-06-2025	7.61	345	373	180	5.4	10	7.2X1000	7.01	5	74	7	1.5	12	2.5X1000	0.7
05-06-2025	7.42	395	310	215	5.6	13	5.1X1000	7.15	7	68	8	1.8	8	3.1X1000	0.4
06-06-2025	7.45	455	258	230	5.3	10	6.5X1000	7.23	5	70	5	2.1	7	3.5X1000	0.5
07-06-2025	7.57	410	255	240	5.4	15	4.3X1000	7.20	6	72	6	0.7	8	3.1X1000	0.4
08-06-2025	7.58	430	292	248	6.1	10	4.5X1000	7.18	7	78	5	0.8	9	3.2X1000	0.8
09-06-2025	7.72	425	298	258	6.2	12	4.3X1000	7.28	8	72	6	1.0	10	3.4X1000	0.4
10-06-2025	7.69	450	350	262	6.1	10	4.6X1000	7.35	5	70	5	1.4	12	3.5X1000	0.5
11-06-2025	7.72	530	410	258	5.3	9	4.7X1000	7.45	6	75	6	1.2	10	3.2X1000	0.4
12-06-2025	7.61	535	415	240	5.1	8	4.5X1000	7.46	7	70	5	1.4	8	3.5X1000	0.5
13-06-2025	7.55	494	420	274	4.3	9	4.6X1000	7.40	8	75	5	1.8	9	3.6X1000	0.4
14-06-2025	7.65	478	438	242	4.5	10	4.5X1000	7.11	6	80	6	1.2	8	3.5X1000	0.5
15-06-2025	7.60	538	390	240	5.6	12	4.1X1000	7.19	5	72	5	1.7	7	3.7X1000	0.3
16-06-2025	7.45	540	420	238	5.4	10	4.2X1000	7.20	6	75	4	1.8	7	3.6X1000	0.5
17-06-2025	7.55	545	415	220	5.2	8	4.3X1000	7.23	5	70	5	1.2	8	3.5X1000	0.4
18-06-2025	7.42	538	280	180	5.3	9	4.4X1000	7.45	7	60	5	0.8	9	3.5X1000	0.5
19-06-2025	7.38	530	289	175	5.2	10	4.5X1000	7.35	5	75	7	0.4	10	3.5X1000	0.4
20-06-2025	7.45	430	280	210	5.4	9	4.6X1000	7.40	6	78	5	0.8	9	3.6X1000	0.5
21-06-2025	7.59	420	295	215	5.3	8	4.5X1000	7.41	8	80	8	1.2	8	3.5X1000	0.3
22-06-2025	7.60	385	315	225	5.2	7	4.5X1000	7.22	7	84	8	1.0	7	3.6X1000	0.4
23-06-2025	7.52	380	320	231	5.4	8	4.6X1000	7.25	8	80	9	1.4	8	3.5X1000	0.5
24-06-2025	7.58	340	310	235	5.3	9	4.5X1000	7.20	7	80	10	1.9	7	3.6X1000	0.6
25-06-2025	7.59	342	280	218	5.4	8	4.6X1000	6.98	6	78	7	0.5	8	3.5X1000	0.4
26-06-2025	7.57	362	275	200	5.5	7	4.6X1000	7.54	7	70	8	0.9	6	3.5X1000	0.5
27-06-2025	7.75	380	295	180	5.6	9	5.7X1000	7.42	8	72	7	0.6	5	4.3X1000	0.5
28-06-2025	7.45	396	230	182	5.4	8	5.5X1000	7.48	8	70	6	1.4	5	2.6X100	0.5
29-06-2025	7.61	410	275	187	5.5	9	5.0X1000	7.22	9	74	5	1.2	6	4.3X1000	0.6
30-06-2025	7.65	415	292	188	6.3	8	5.7X1000	6.95	5	76	5	1	3	4.2X1000	0.3
Average	7.56	436.70	330.60	222.00	5.50	9.70		7.25	6.60	74.26	6.13	1.20	7.96		0.50

Project : 20.5 MLD Capacity STP SBR type at Sanand Under AUDA															
Contractor : Micron Laser Welding Technology. Gandhinagar															
Client : Ahmedabad Urban Development Authority															
Lab Analysis Report For The Month of MAY - 2025															
Sample Point	Raw Water Sewage							Treated Water Sewage							
Name of Analysis	pH	Total Suspended Solids (TSS)	Chemical Oxygen Demand (COD)	Bio-Chemical Oxygen Demand (BOD)	Total Phosphorus	Total Nitrogen	Fecal Califormum	Ph	Total Suspended Solids (TSS)	Chemical Oxygen Demand (COD)	Bio-Chemical Oxygen Demand (BOD)	Total Phosphorus	Total Nitrogen	Fecal Califormum	Chlorine
Unit	-	mg/L	mg/L	mg/L	mg/L	mg/L	MPN/mL	-	mg/L	mg/L	mg/L	mg/L	mg/L	MPN/mL	mg/L
Sewage Characteristic as per tender	6.5 - 7.5	400	450	250	8	45		6.5 - 7.5	<10	<100	<10	<2	<10	<10000 MPN/100 mL	<0.5
Date															
01-05-2025	7.77	345	320	190	5.4	9	5.6X1000	7.25	8	78	5	1.4	7	3.5X1000	
02-05-2025	7.90	320	290	188	4.6	10	3.7X1000	7.22	7	80	7	0.8	6	3.6X1000	
03-05-2025	7.80	340	294	204	4.5	8	5.2X1000	7.45	8	84	6	1.6	5	3.5X1000	
04-05-2025	7.45	372	258	208	4.6	7	5.4X1000	7.40	7	72	5	1.8	6	3.2X1000	
05-05-2025	7.58	378	272	207	4.5	6	5.3X1000	7.35	6	70	8	1.2	7	3.5X1000	
06-05-2025	7.56	315	280	180	4.7	10	5.4X1000	7.45	5	88	9	1.3	8	3.6X1000	
07-05-2025	7.52	280	240	175	5.4	12	5.5X1000	7.53	3	92	7	1.4	10	3.5X1000	
08-05-2025	7.65	274	248	195	5.6	10	5.4X1000	7.40	6	90	5	1.5	9	3.2X1000	
09-05-2025	7.61	278	304	190	5.7	8	5.3X1000	7.41	5	84	4	1.7	8	3.4X1000	
10-05-2025	7.62	304	300	232	5.2	10	5.2X1000	7.22	7	80	8	1.8	7	2.4X1000	
11-05-2025	7.44	320	284	204	5.3	5	5.4X1000	7.05	8	78	7	1.9	6	1.9X1000	
12-05-2025	7.45	350	290	208	5.4	7	5.7X1000	7.00	5	82	6	2.5	5	2.8X1000	
13-05-2025	7.58	370	298	242	5.5	6	3.7X1000	7.08	7	75	5	1.8	4	3.2X1000	
14-05-2025	7.80	380	198	205	5.6	7	6.2X1000	7.05	8	76	6	1.9	6	2.5X1000	
15-05-2025	7.72	310	298	220	5.5	8	6.2X1000	7.22	6	75	5	2.4	7	3.2X1000	
16-05-2025	7.62	340	304	186	6.4	9	6.5X1000	7.24	5	78	7	2.4	6	3.4X1000	
17-05-2025	7.59	290	310	187	6.7	10	6.5X1000	7.25	4	80	8	2.5	5	3.5X1000	
18-05-2025	7.58	295	278	180	6.3	8	6.5X1000	7.28	5	88	9	2.8	6	3.6X1000	
19-05-2025	7.52	298	256	208	5.3	9	6.5X1000	7.58	6	94	8	1.8	8	2.8X1000	
20-05-2025	7.84	290	228	210	5.7	6	5.3X1000	7.57	7	94	9	1.5	9	2.3X1000	
21-05-2025	7.72	294	200	240	5.6	9	2.9x1000	7.25	6	90	7	1.8	10	2.8X1000	
22-05-2025	7.62	298	258	248	5.6	10	3.6x1000	7.26	6	88	6	1.5	8	2.3X1000	
23-05-2025	7.60	294	256	290	5.1	12	3.5x1000	7.28	5	80	5	1.9	9	3.6X1000	
24-05-2025	7.65	298	268	248	3.4	10	3.6x1000	7.29	6	84	6	2.4	7	3.5X1000	
25-05-2025	7.65	304	272	244	3.8	8	3.5x1000	7.25	7	80	7	2.0	8	3.6X1000	
26-05-2025	7.62	342	284	240	2.8	9	3.6x1000	7.28	6	84	8	1.8	6	3.2X1000	
27-05-2025	7.65	378	342	242	3.1	7	3.5x1000	7.28	7	82	6	0.5	5	3.2X1000	
28-05-2025	7.55	394	350	258	6.4	8	6.5X1000	7.35	8	84	5	0.9	6	3.4X1000	
29-05-2025	7.57	415	368	252	5.1	10	6.7x1000	7.23	6	90	6	1.5	5	3.2X1000	
30-05-2025	7.52	430	372	210	6.2	12	5.3X1000	7.25	5	75	5	1.9	7	3.6X1000	
31-05-2025	7.59	432	375	235	5.3	10	5.4X1000	7.29	6	78	8	2.3	8	3.5X1000	0.6
Average	7.62	333.00	287.00	217.00	5.20	8.71		7.29	6.00	82.35	6.55	1.80	6.90		

REMARKS : CCT UNDER MAINTANANCE WORK (COLOUR WORK)

Project : 20.5 MLD Capacity STP SBR type at Sanand Under AUDA			
Contractor : Micron Laser Welding Technology. Gandhinagar			
Client : Ahmedabad Urban Development Authority			
INLET OR OUTLET MLD JUNE - 2025			
Date	Inlet MLD	Outlet MLD	Remarks
01-06-2025	10.28	10.25	
02-06-2025	7.33	7.25	
03-06-2025	9.81	10.00	
04-06-2025	11.33	11.25	
05-06-2025	11.45	11.25	
06-06-2025	10.91	11.05	
07-06-2025	10.73	10.75	
08-06-2025	9.23	9.00	
09-06-2025	9.13	9.25	
10-06-2025	9.00	9.25	
11-06-2025	9.71	9.50	
12-06-2025	7.78	8.00	
13-06-2025	8.51	8.50	
14-06-2025	7.48	7.50	
15-06-2025	8.17	8.00	
16-06-2025	10.45	10.50	
17-06-2025	12.05	12.00	
18-06-2025	13.21	13.25	
19-06-2025	19.21	19.15	
20-06-2025	13.88	13.75	
21-06-2025	10.32	10.50	
22-06-2025	8.31	8.25	
23-06-2025	13.34	13.25	
24-06-2025	12.20	12.25	
25-06-2025	11.85	11.75	
26-06-2025	10.10	10.25	
27-06-2025	10.66	10.55	
28-06-2025	11.30	11.35	
29-06-2025	12.41	12.30	
30-06-2025	10.41	10.55	
MLD	320.55	320.45	

Project : 20.5 MLD Capacity STP SBR type at Sanand Under AUDA			
Contractor : Micron Laser Welding Technology. Gandhinagar			
Client : Ahmedabad Urban Development Authority			
INLET OR OUTLET MLD MAY - 2025			
Date	Inlet MLD	Outlet MLD	Remarks
01-05-2025	6.48	6.50	
02-05-2025	6.87	6.75	
03-05-2025	8.67	8.80	
04-05-2025	8.90	8.75	
05-05-2025	6.79	6.80	
06-05-2025	7.68	7.60	
07-05-2025	11.26	11.30	
08-05-2025	9.39	9.40	
09-05-2025	6.44	6.45	
10-05-2025	9.62	9.50	
11-05-2025	9.20	9.32	
12-05-2025	6.58	6.50	
13-05-2025	9.63	9.68	
14-05-2025	7.01	7.00	
15-05-2025	8.26	8.30	
16-05-2025	5.94	5.90	
17-05-2025	7.78	7.80	
18-05-2025	6.88	6.90	
19-05-2025	7.18	7.15	
20-05-2025	7.70	7.65	
21-05-2025	8.02	8.00	
22-05-2025	2.54	2.50	
23-05-2025	10.40	10.45	
24-05-2025	7.82	7.80	
25-05-2025	9.13	9.25	
26-05-2025	8.75	8.75	
27-05-2025	8.78	8.70	
28-05-2025	8.41	8.30	
29-05-2025	12.52	12.52	
30-05-2025	7.70	7.75	
31-05-2025	9.37	9.48	
MLD	251.70	251.55	

Project : 20.5 MLD Capacity STP SBR type at Sanand Under AUDA			
Contractor : Micron Laser Welding Technology. Gandhinagar			
Client : Ahmedabad Urban Development Authority			
INLET OR OUTLET MLD APRIL - 2025			
Date	Inlet MLD	Outlet MLD	Remarks
01-04-2025	6.00	5.62	
02-04-2025	7.05	7.15	
03-04-2025	6.45	6.23	
04-04-2025	5.03	5.25	
05-04-2025	8.80	8.75	
06-04-2025	6.15	6.22	
07-04-2025	3.93	3.56	
08-04-2025	8.18	8.35	
09-04-2025	5.37	5.48	
10-04-2025	6.75	6.46	
11-04-2025	8.70	8.95	
12-04-2025	4.29	4.32	
13-04-2025	9.43	9.46	
14-04-2025	7.85	8.05	
15-04-2025	7.86	7.88	
16-04-2025	7.12	7.23	
17-04-2025	4.95	4.72	
18-04-2025	9.31	9.22	
19-04-2025	7.71	7.85	
20-04-2025	5.74	5.62	
21-04-2025	4.88	5.05	
22-04-2025	8.36	8.23	
23-04-2025	7.44	7.50	
24-04-2025	8.73	8.85	
25-04-2025	6.45	6.36	
26-04-2025	7.38	7.50	
27-04-2025	7.78	7.65	
28-04-2025	6.47	6.50	
29-04-2025	7.60	7.45	
30-04-2025	6.04	6.15	
MLD	207.80	207.61	

Checklist for Monitoring of Performance of Sewage Treatment Plants (STPs)				
Date:	26-06-2025	Name and Designation:	Bijayeshw Rutthod. (Site Manager)	
RCM Zone	AHMEDABAD	ULB/MC	BOTAD NAGARPALIKA	
Sr No	Details	Observation	Units	Max Limits
1	Name/Location of STP	32.0 MLD STP BOTAD		
2	Year of Commissioning of STP	2022		
3	Ownership of STP	NAGARPALIKA-BOTAD		
4	Design Capacity of STP	32.00 MLD	MLD	
4.1	Present Design Capacity	(2021) 18.1 MLD	MLD	
4.2	Intermediate Design Capacity	(2036) 75 MLD	MLD	
4.3	Ultimate Design Capacity	(2051) 150 MLD	MLD	
5	Capacity Utilisation (Please Attach SCADA report (Last 3 months report) as supporting, if No then attach details of measurement with sign and stamp of concern authority)	28.69	MLD	
6	O&M Carried Out By (Agency or ULB)	ENVIRO INFRA ENG.		
7	Plant Functioning Timings (no of hours)	24 Hours.		
8	Type of STP - Please Mention Process of Sewage Treatment (i) ASP - Activated sludge process (ii) TF - Trickling filter (iii) AL - Aerated lagoon (iv) UASB - Upflow anaerobic sludge blanket (v) OP - Oxidation pond/waste stabilization ponds (vi) EA - Extended Aeration (vii) SBR - Sequential Batch Reactor (viii) MBR - Membrane Bio Reactor (ix) MBBR - Moving Bed Bio Reactor	SBR - Sequential Batch Reactor.		
9	Influent Wastewater Characteristics	Observation	Test Dates	
	pH	7.25	26-06-25	
	i) BOD ₅ @ 20°C	298	26-06-25	mg/L
	ii) CoD	400	26-06-25	mg/L
	iii) TSS	180	26-06-25	mg/L
	iv) TKN	31.3	26-06-25	mg/L
	v) Total Phosphorous	3.3	26-06-25	mg/L
	vi) Total Coliform	1.5 x 10 ⁶	26-06-25	MPN/100 ml
10	Point of treated water Disposal	Utardi River.		
11	Bypass arrangements at STP, if any	YES		
12	Method of Sludge Disposal & Status			
13	Volume of Industrial Waste being mixed, if any			
14	Treated Sewage Quality @ Outlet of Chlorine	Observation	Test Dates	
	pH	7.48	26-06-25	6.5 to 9
	i) BOD ₅ @ 20°C	6.0	26-06-25	mg/L Less than 10
	ii) CoD	36	26-06-25	mg/L Less than 50
	iii) TSS	6	26-06-25	mg/L Less than 10
	iv) NH ₃ -N	3.0	26-06-25	mg/L Less than 5
	v) N Total	7.1	26-06-25	mg/L Less than 10
	vi) Total Phosphorous (PO ₄ -P)	1.1	26-06-25	mg/L Less than 2
	vii) Total Coliform	101	26-06-25	MPN/100 ml 2% of TC
	viii) Fecal Coliform	68	26-06-25	MPN/100 ml Less than 100
	ix) Total Residual Chlorine	0.6	26-06-25	mg/L 1
15	Status of Maintenance of Log Book - Updated Frequency - Data availability Period	DAILY		
16	Availability of Lab Facility	YES		

17	Name and Designation of the person carrying out lab tests	(CHEMIST) - NARESH DODIYA	
18	Any additional comments about the working of STP		




Chief Officer
Botad Nagarpalika

FLOW RECORD

FOR THE MONTH OF MARCH - 2025.

DATE	TOTAL INCOMING (M ³)	TOTAL OUTGOING (M ³)	EJEL SIGN.	DEPIT. SIGN.	REMARKS.
01-03-25	28268.15	28082.39	8		
02-03-25	28710.96	28101.81	8		
03-03-25	28310.50	28163.10	8		
04-03-25	27796.40	28124.60	8		
05-03-25	29108.40	28106.80	8		
06-03-25	28622.00	28284.30	8		
07-03-25	28223.00	28222.50	8		
08-03-25	28020.40	27650.80	8		
09-03-25	28207.40	28244.70	8		
10-03-25	26304.40	26780.90	8		
11-03-25	28972.10	28249.60	8		
12-03-25	29043.50	28624.20	8		
13-03-25	27917.50	28211.90	8		
14-03-25	27680.30	28166.40	8		
15-03-25	27357.00	27713.30	8		
16-03-25	28611.70	28152.50	8		
17-03-25	27993.40	28234.30	8		
18-03-25	27945.06	28305.20	8		
19-03-25	29122.82	29493.63	8		
20-03-25	28184.93	28045.15	8		
21-03-25	28686.66	29380.41	8		
22-03-25	29161.28	28855.72	8		
23-03-25	29041.82	28799.71	8		
24-03-25	28531.67	28327.40	8		
25-03-25	28377.12	28210.85	8		
26-03-25	29232.53	28850.22	8		
27-03-25	29547.85	28844.87	8		
28-03-25	28114.45	28427.25	8		
29-03-25	28330.22	28492.07	8		
30-03-25	28660.00	29165.68	8		
31-03-25	27830.59	27176.92	8		

32.00 MLD 3395 BOTAD GUJARAT

FLOW RECORD :

FOR THE MONTH OF APRIL - 2025

DATE	TOTAL	TOTAL	EJEL.	DEPT.	REMARKS
	INCOMING (M ³)	OUTGOING (M ³)	SIGN.	SIGN.	
01-04-25	28067.15	28690.07	8		
02-04-25	27964.32	28179.65	8		
03-04-25	28538.90	28191.87	8		
04-04-25	28180.93	28122.28	8		
05-04-25	28532.38	28172.99	8		
06-04-25	28122.92	28215.14	8		
07-04-25	28080.14	28108.65	8		
08-04-25	27508.98	28270.16	8		
09-04-25	28519.31	28281.94	8		
10-04-25	26924.99	27189.94	8		
11-04-25	28467.48	28259.32	8		
12-04-25	29117.79	28942.14	8		
13-04-25	28403.05	28772.79	8		
14-04-25	28485.62	28553.19	8		
15-04-25	28652.14	28333.79	8		
16-04-25	28520.10	28363.35	8		
17-04-25	28834.14	28577.63	8		
18-04-25	28550.95	28554.99	8		
19-04-25	28921.19	28925.04	8		
20-04-25	28791.67	28470.14	8		
21-04-25	28887.79	28643.34	8		
22-04-25	28493.98	28031.59	8		
23-04-25	28826.39	28560.40	8		
24-04-25	28984.43	28548.09	8		
25-04-25	28615.90	28414.90	8		
26-04-25	28561.91	27833.63	8		
27-04-25	28081.67	27646.35	8		
28-04-25	27508.44	26942.50	8		
29-04-25	28330.22	28492.07	8		
30-04-25	28646.60	27955.10	8		

32.00 MLD. STP BOTAD GUJARAT
 3396
 FLOW RECORD

FOR THE MONTH OF MAY - 2025

DATE	TOTAL INCOMING (M ³)	TOTAL OUTGOING (M ³)	EJEM. SIGN.	DEPT. SIGN.	REMARKS
01-05-25	28809.30	28641.50	R		
02-05-25	28909.70	28741.20	R		
03-05-25	28732.20	28982.90	R		
04-05-25	28440.58	28804.87	R		
05-05-25	28387.87	28322.59	R		
06-05-25	28306.10	28434.00	R		
07-05-25	28961.90	28833.00	R		
08-05-25	28804.40	28718.30	R		
09-05-25	28908.10	28884.20	R		
10-05-25	29342.40	29682.50	R		
11-05-25	26116.70	25981.30	H		
12-05-25	28784.70	28719.20	H		
13-05-25	28714.10	28516.30	H		
14-05-25	28676.50	28763.50	H		
15-05-25	29034.90	29204.20	H		
16-05-25	29065.60	28407.90	H		
17-05-25	28663.70	28650.30	H		
18-05-25	28927.60	28435.40	H		
19-05-25	28919.00	28899.70	H		
20-05-25	29282.70	29338.40	H		
21-05-25	29557.30	28912.60	AK		
22-05-25	29142.60	28821.30	AK		
23-05-25	28708.00	29044.20	AK		
24-05-25	28183.70	28285.70	AK		
25-05-25	29280.50	29251.30	AK		
26-05-25	28598.10	28145.60	AK		
27-05-25	28005.60	27935.20	AK		
28-05-25	28289.20	27225.90	AK		
29-05-25	28535.30	28398.00	AK		
30-05-25	28654.80	28198.50	AK		
31-05-25	28941.60	28956.80	AK		

Report No.:- GCI/V/LAB/G251/25/RS/25-26/March-00/0007

Date: 11/03/2025

ANALYSIS REPORT
(For the Month of MARCH-2025)

Client Details		Sample Details	
Name	M/s. Enviro Infra Engineers Limited	Sample Code	GCI/25/B3/WW3
		Location	STP Inlet & Outlet
Address	32.00 MLD STP BOTAD GUJARAT.	Quantity	2-2 liter
		Sampling Done By	Client
Date of Analysis	06/03/2024	Date of Sampling	04/03/2024
		Date of Sample Received	05/03/2024
Date of Completion	11/03/2024	Sampling Method	APHA 1060
		Reference Method	APHA 24 th Edition

WASTE WATER ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Inlet	Outlet	Reference Method
1.	pH @26°C	-	7.18	7.47	APHA 4500-H+ B
2.	Total Suspended Solids (TSS)	mg/L	170	8	APHA 2540 D
3.	Chemical Oxygen Demand (COD)	mg/L	400	32	APHA 5220 B
4.	Biochemical Oxygen Demand (BOD)(5 days at 20 °C)	mg/L	204	6.0	APHA 5210 B
5.	Total Phosphorus	mg/L	2.8	1.1	APHA 4500 - P
6.	Ammonical Nitrogen	mg/L	3.3	0.8	APHA 4500- NH3 C
7.	Total Nitrogen	mg/L	13.28	3.1	APHA 4500-NORG-B
8.	Fecal Coliform	MPN/100 ml	470	68	APHA 9221-E
9.	Chlorine Residual (FRC)	ppm	ND	BDL(<1)	APHA 4500-CI-B

BDL: Below Detectable Limit



Authorized Signatory
Rushali Sheth
Technical Manager

- Results relate to the items tested and sampled only.
- Reports cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be retained till 15 days from the date of sampling.

Report No.:- GCI/V/LAB/G258/25/RS/25-26/April-00/0019

Date: 12/04/2025

ANALYSIS REPORT
(For the Month of APRIL-2025)

Client Details		Sample Details	
Name	M/s. Enviro Infra Engineers Limited	Sample Code	GCI/25/B4/WW4
		Location	STP Inlet & Outlet
Address	32.00 MLD STP BOTAD GUJARAT.	Quantity	2-2 liter
		Sampling Done By	Client
Date of Analysis	07/04/2025	Date of Sampling	06/04/2025
		Date of Sample Received	07/04/2025
Date of Completion	12/04/2025	Sampling Method	APHA 1060
		Reference Method	APHA 24 th Edition

WASTE WATER ANALYSIS RESULTS

Sr. No.	Parameters	Unit	Inlet	Outlet	Reference Method
1.	pH @26°C	-	7.15	7.50	APHA 4500-H+ B
2.	Total Suspended Solids (TSS)	mg/L	175	6	APHA 2540 D
3.	Chemical Oxygen Demand (COD)	mg/L	396	36	APHA 5220 B
4.	Biochemical Oxygen Demand (BOD)(5 days at 20 °C)	mg/L	198	7.5	APHA 5210 B
5.	Total Phosphorus	mg/L	2.6	0.9	APHA 4500 – P
6.	Ammoniacal Nitrogen	mg/L	2.9	1.0	APHA 4500- NH3 C
7.	Total Nitrogen	mg/L	13.65	2.9	APHA 4500-NORG-B
8.	Fecal Coliform	MPN/100 ml	482	62	APHA 9221-E
9.	Chlorine Residual (FRC)	ppm	ND	BDL(<1)	APHA 4500-CI-B

BDL: Below Detectable Limit



Authorized Signatory
Rushali Sheth
Technical Manager

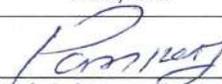
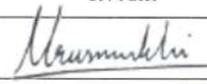
- Results relate to the items tested and sampled only.
- Reports cannot be used as evidence anywhere including judiciary purpose without our prior permission.
- Sample will be retained till 15 days from the date of sampling.

Amendment No: 00	TEST REPORT	Issue No: 04
Amendment Date: 00		Issue Date: 20/02/2024
Doc. No: SWA/LAB/PROS/6.1		Page No: 1 of 1

Water/Wastewater Quality Sampling & Analysis

Company Name	M/S. Enviro Infra Engineers Limited	Sample ID	WQ/459/25
Company Contact Number	96343 27027	Condition of sample	Satisfactory
Address	32 MLD STP BOTAD GUJARAT	Sample Drawn By	Customer
		Quantity of Sample	1 L
		Sampling Method	APHA/IS MODE: (GRAB/ COMPOSITE)
Date & Time of Sampling	02-05-2025, 11:29	Date of Sample Received	02-05-2025
Analysis Starts Date	02-05-2025	Analysis Completion Date	07-05-2025
Sample Description	32 MLD STP BOTAD - Outlet	Temperature/ Humidity during testing	Temp.- 25-29 deg C / Humidity <50 %
Report Date:	07-05-2025	Report Code:	SWA/LAB/02/05/2025/WQ/459

S.No.	PARAMETERS	UNIT	RESULTS	Regulatory Limit	Remarks	Testing Method/ Standard
1	pH @27 deg.	-	7.09			APHA 23rd Edition 4500 B: 2017
2	Total Suspended Solids	mg/l	8.65			APHA 23rd Edition 2540 D: 2017
3	Total Phosphorus	mg/l	0.72			APHA 23rd Edition 4500 P D: 2017
4	Chemical Oxygen Demand	mg/l	32.45			IS 3025 - Part 58 : 2006
5	Biochemical Oxygen Demand	mg/l	7.50			IS 3025 - Part 44 : 1993
6	Ammonical Nitrogen	mg/l	1.93			APHA 23rd Edition 4500 NH3 C: 2017
7	Total Nitrogen	mg/l	5.19			APHA 23rd Edition 4500 NH3 C/ Norg B/ NO3 B/ NO2 B: 2017
8	Oil & Grease	mg/l	BDL(MDL<0.5)			APHA 23rd Edition 5520 C: 2017
9	Total Kjeldhal Nitrogen	mg/l	3.55			APHA 23rd Edition 4500 NH3 C/ Norg B: 2017
10	Fecal Coliform*	MPN	30.00			IS 1622 - Rea. 1981

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

- Notes:**
- 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.
 - The results relate only to the items tested and sampled
 - Additions to, deviations, or exclusions from the method- NA
 - Results which were outsourced to external providers are marked with ** and results which are performed and not in NABL accreditation scope are marked with * in parameter column
 - Disclaimer: When the information is supplied by the customer and can affect the validity of results
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 - Disclaimer: The laboratory shall be responsible for all the information provided in the report, except when information is provided by the customer
 - Regulatory limit reference if any:- NA
 - Opinion, Interpretation & Statement of Conformity if provided can be referred in the remarks section as "Permissible" "Below acceptable" or whatever is applicable as per the limit
 - BDL : Below Detection Limit | R1: Revised report and the number of that times revised
- End of the Test Report -----



WASTEWATER TREATMENT | ENVIRONMENTAL TESTING | ENVIRO-LEGAL SERVICES

- Registered Address: 7, Silver Plaza, Opp Vishal Tower, Prahladnagar, Ahmedabad 380015
- Mfg. Unit & Laboratory: Survey no. 645, Miroli, Kamod Circle, Ahmedabd-Dholka Road, Ahmedabad-382425
- +91 8828186901 / +91 7874886393 swa@swaenviro.com www.swaenviro.com

NAME OF PROJECT	Design, supply, construction, installation, testing and commissioning of sewage treatment plant (32.00 MLD) based on open technology with Biological Nutrient Removal (BNR) with MCC panel room, DG set and all contingent civil, electrical, mechanical, piping and instrumentation works of with three months trial run and post completion operation & maintenance of entire system for 5 years including one year defect liability period at Botad , District: Botad , Gujarat.																	
NAME OF FIRM	ENVIRO INFRA ENGINEERS LTD																	
NAME OF CLIENT	GUJARAT WATER SUPPLY AND SEWERAGE BOARD																	
LOG BOOK FOR	INTERNAL LABORATORY RECORD FOR THE MONTH OF - MAY-2025																	
Date	INLET								OUTLET								REMARKS	
	INLET FLOW (M ³)	pH	TSS	COD	BOD	TKN	PO ₄ -P	F.Coli.	OUTLET FLOW (M ³)	pH	TSS	COD	BOD	TKN	PO ₄ -P	F.Coli.		FRC
5/1/2025	28809.30	7.08	170	408	210	29.7	2.6	1.6×10 ⁵	28641.50	7.50	7	40	6.0	3.3	0.8	78	0.6	
5/2/2025	28909.70	7.10	165	400	198	30.5	2.8	1.5×10 ⁷	28741.20	7.46	6	36	7.5	2.7	1.0	68	0.7	
5/3/2025	28732.20	7.07	170	392	210	29.2	3.0	1.7×10 ⁵	28982.90	7.47	7	40	6.0	3.1	1.1	52	0.8	
5/4/2025	28440.58	7.13	175	404	198	31.3	2.7	1.6×10 ⁵	28804.87	7.50	5	44	5.8	3.0	0.9	60	0.6	
5/5/2025	28387.87	7.18	180	400	204	30.0	3.1	1.5×10 ⁶	28322.59	7.48	6	40	9.0	3.3	1.1	50	0.7	
5/6/2025	28306.10	7.20	185	388	210	31.2	2.8	1.6×10 ⁶	28434.00	7.40	7	32	6.0	2.7	0.8	67	0.8	
5/7/2025	28951.90	7.09	170	392	198	30.8	2.7	1.7×10 ⁵	28833.00	7.44	5	28	4.5	3.1	0.7	72	0.6	
5/8/2025	28804.40	7.18	165	404	210	31.0	3.0	1.5×10 ⁷	28718.30	7.48	6	32	6.0	3.0	0.8	52	0.7	
5/9/2025	28908.10	7.15	175	396	198	29.7	2.8	1.6×10 ⁵	28884.20	7.50	7	36	5.8	2.8	0.6	68	0.9	
5/10/2025	29342.40	7.18	180	400	204	31.0	3.1	1.7×10 ⁶	29682.50	7.48	8	40	4.5	3.1	0.5	72	0.8	
5/11/2025	26116.70	7.13	185	392	210	29.3	3.3	1.8×10 ⁶	25981.30	7.45	6	40	6.0	3.0	0.7	52	0.6	
5/12/2025	28784.70	7.08	180	408	198	29.5	3.0	1.7×10 ⁵	28719.20	7.48	8	36	9.0	2.9	0.8	68	0.5	
5/13/2025	28714.10	7.11	170	400	204	31.0	2.9	1.6×10 ⁵	28516.30	7.53	7	32	4.5	3.0	0.6	72	0.7	
5/14/2025	28676.50	7.10	165	396	210	29.8	2.8	1.7×10 ⁶	28763.50	7.50	6	40	6.0	2.8	0.5	60	0.8	
5/15/2025	29034.90	7.12	175	404	204	30.5	2.7	1.8×10 ⁵	29204.20	7.49	7	44	4.5	3.1	0.6	54	0.6	
5/16/2025	29065.60	7.18	180	400	198	29.3	3.0	1.6×10 ⁵	28407.90	7.52	8	40	6.0	3.0	0.5	78	0.5	
5/17/2025	28663.70	7.20	170	392	210	28.5	2.9	1.5×10 ⁶	28650.30	7.49	7	32	7.5	2.8	0.7	50	0.6	
5/18/2025	28927.60	7.19	175	408	204	31.3	2.6	1.6×10 ⁷	28435.40	7.50	6	36	6.0	3.3	0.8	63	0.7	
5/19/2025	28919.00	7.17	180	400	198	30.5	3.0	1.5×10 ⁷	28899.70	7.54	7	40	4.5	2.8	0.7	60	0.8	
5/20/2025	29282.70	7.20	185	392	208	29.8	3.1	1.6×10 ⁶	29338.40	7.58	8	44	6.0	3.1	0.6	59	0.6	
5/21/2025	29557.30	7.16	170	400	188	31.5	3.0	1.4×10 ⁶	28912.60	7.47	7	40	4.5	2.7	0.5	68	0.5	
5/22/2025	29142.60	7.18	180	396	204	29.8	2.8	1.5×10 ⁷	28821.30	7.55	8	32	5.8	3.1	0.7	66	0.6	
5/23/2025	28708.00	7.20	160	388	190	31.0	3.1	1.4×10 ⁶	29044.20	7.49	7	28	6.0	2.6	1.1	74	0.7	
5/24/2025	28183.70	7.28	155	392	210	29.3	3.0	1.5×10 ⁵	28285.70	7.51	5	24	4.5	3.3	1.0	62	0.8	
5/25/2025	29280.50	7.29	150	384	204	31.5	2.9	1.6×10 ⁵	29251.30	7.48	6	28	9.0	2.8	0.9	58	0.6	
5/26/2025	28598.10	7.20	160	400	198	29.1	3.1	1.4×10 ⁶	28145.60	7.46	7	32	6.0	3.1	0.7	62	0.7	
5/27/2025	28005.60	7.25	170	408	204	29.8	2.6	1.5×10 ⁶	27955.20	7.41	8	36	7.5	3.0	0.6	68	0.9	
5/28/2025	28289.20	7.12	180	396	210	31.0	3.0	1.6×10 ⁶	27225.90	7.44	6	32	4.5	2.8	0.8	52	0.8	
5/29/2025	28535.30	7.19	185	404	216	29.5	2.8	1.7×10 ⁵	28398.00	7.59	7	28	6.0	3.1	0.7	69	0.6	
5/30/2025	28654.80	7.24	175	408	210	28.4	2.7	1.8×10 ⁶	28198.50	7.46	7	32	4.5	2.9	0.9	75	0.7	
5/31/2025	28941.60	7.20	165	388	198	31.4	2.6	1.6×10 ⁶	28956.80	7.48	8	36	5.8	3.3	1.1	61	0.5	

NAME OF PROJECT	Design, supply, construction, installation, testing and commissioning of sewage treatment plant (32.00 MLD) based on open technology with Biological Nutrient Removal (BNR) with MCC panel room, DG set and all contingent civil, electrical, mechanical, piping and instrumentation works of with three months trial run and post completion operation & maintenance of entire system for 5 years including one year defect liability period at Botad , District: Botad , Gujarat.																	
NAME OF FIRM	ENVIRO INFRA ENGINEERS LTD																	
NAME OF CLIENT	GUJARAT WATER SUPPLY AND SEWERAGE BOARD																	
LOG BOOK FOR	INTERNAL LABORATORY RECORD FOR THE MONTH OF - JUNE -2025																	
Date	INLET								OUTLET								REMARKS	
	INLET FLOW (M ³)	pH	TSS	COD	BOD	TKN	PO ₄ -P	F.Coli.	OUTLET FLOW (M ³)	pH	TSS	COD	BOD	TKN	PO ₄ -P	F.Coli.		FRC
6/1/2025	29670.50	7.19	180	396	210	26.8	2.9	1.5×10 ⁶	29167.80	7.48	6	32	6.0	3.0	0.9	78	0.6	
6/2/2025	28778.40	7.21	185	400	198	27.4	3.4	1.4×10 ⁵	28841.80	7.45	7	36	4.5	2.8	1.2	60	0.5	
6/3/2025	28217.30	7.18	170	392	210	29.1	3.0	1.6×10 ⁷	27101.00	7.50	8	32	6.0	3.1	1.1	52	0.6	
6/4/2025	27844.60	7.20	175	408	216	30.3	2.8	1.7×10 ⁶	26198.23	7.38	9	28	4.5	2.9	0.8	38	0.7	
6/5/2025	28183.30	7.28	165	388	204	29.1	3.1	1.6×10 ⁶	28207.20	7.42	6	32	6.0	3.1	0.9	52	0.8	
6/6/2025	29021.60	7.25	160	404	198	30.5	2.8	1.5×10 ⁷	27897.20	7.48	7	36	7.5	3.0	1.0	68	0.6	
6/7/2025	28753.70	7.11	155	396	210	31.8	2.6	1.6×10 ⁵	28371.60	7.54	8	40	6.0	2.8	1.1	72	0.4	
6/8/2025	28437.60	7.08	170	400	204	32.0	3.0	1.8×10 ⁶	27628.20	7.58	9	44	4.5	2.7	0.8	78	0.6	
6/9/2025	28652.10	7.12	180	392	216	29.7	2.8	1.6×10 ⁶	28602.80	7.61	8	40	6.0	3.1	0.9	65	0.4	
6/10/2025	28487.20	7.19	165	408	210	28.6	3.1	1.7×10 ⁵	28817.30	7.57	7	32	7.5	3.0	1.2	72	0.5	
6/11/2025	29268.90	7.17	170	400	198	27.5	3.0	1.8×10 ⁶	28305.70	7.50	6	28	6.0	2.8	0.9	78	0.6	
6/12/2025	28694.10	7.18	185	396	204	28.1	2.9	1.6×10 ⁵	28299.60	7.48	7	32	7.5	3.1	0.8	62	0.5	
6/13/2025	28901.70	7.20	175	404	198	31.0	2.8	1.5×10 ⁷	28068.20	7.49	8	36	4.5	3.0	1.0	53	0.6	
6/14/2025	29312.20	7.23	180	408	210	29.7	3.1	1.6×10 ⁶	28254.80	7.51	6	32	6.0	2.9	1.2	60	0.7	
6/15/2025	28442.30	7.19	165	412	204	31.2	3.3	1.7×10 ⁵	28639.00	7.53	7	40	4.5	3.1	0.8	48	0.8	
6/16/2025	29957.00	7.10	170	400	210	30.0	2.8	1.8×10 ⁶	28216.00	7.50	8	32	7.5	2.8	0.7	52	0.6	
6/17/2025	30630.50	7.18	180	392	198	31.3	3.0	1.6×10 ⁵	29145.20	7.48	7	36	6.0	3.0	1.0	60	0.5	
6/18/2025	29278.60	7.20	175	388	204	29.7	2.9	1.7×10 ⁶	28329.40	7.46	6	40	4.5	2.6	1.1	72	0.6	
6/19/2025	28785.80	7.09	165	388	210	30.0	3.1	1.6×10 ⁵	28134.89	7.48	7	32	6.0	3.0	0.9	68	0.5	
6/20/2025	28381.20	7.18	170	392	204	29.8	2.8	1.5×10 ⁷	27681.49	7.40	6	28	7.5	2.9	1.0	78	0.6	
6/21/2025	25442.70	7.15	160	400	216	31.0	3.0	1.6×10 ⁶	25975.54	7.45	7	32	9.0	3.1	0.8	62	0.5	
6/22/2025	29558.50	7.19	170	408	210	29.6	2.9	1.5×10 ⁶	29628.00	7.49	8	36	4.5	2.7	0.7	69	0.7	
6/23/2025	29459.60	7.10	180	412	198	27.5	2.7	1.4×10 ⁶	29348.80	7.58	9	44	6.0	3.0	1.1	48	0.6	
6/24/2025	29568.90	7.11	160	400	204	31.0	3.1	1.6×10 ⁵	28993.30	7.60	8	40	7.5	2.9	0.9	52	0.5	
6/25/2025	29129.30	7.18	175	392	210	29.8	3.0	1.7×10 ⁶	28765.50	7.48	7	32	5.8	3.1	0.8	67	0.4	
6/26/2025	28845.90	7.25	180	396	198	27.6	2.9	1.8×10 ⁵	29284.40	7.43	6	36	6.0	3.0	0.6	72	0.5	
6/27/2025	28879.20	7.10	170	400	216	29.1	3.0	1.6×10 ⁶	27972.90	7.51	7	40	4.5	2.9	0.5	42	0.8	
6/28/2025	28805.10	7.21	165	392	210	29.8	2.7	1.7×10 ⁵	28826.50	7.53	8	32	5.8	3.1	0.7	58	0.6	
6/29/2025	28933.70	7.28	175	408	198	31.0	2.8	1.8×10 ⁶	27496.00	7.46	5	36	4.5	2.7	0.8	60	0.7	
6/30/2025	29324.40	7.17	170	396	204	28.5	3.0	1.6×10 ⁶	28830.60	7.40	6	44	7.5	3.0	0.9	72	0.8	

NAME OF PROJECT	Design, supply, construction, installation, testing and commissioning of sewage treatment plant (32.00 MLD) based on open technology with Biological Nutrient Removal (BNR) with MCC panel room, DG set and all contingent civil, electrical, mechanical, piping and instrumentation works of with three months trial run and post completion operation & maintenance of entire system for 5 years including one year defect liability period at Botad , District: Botad , Gujarat.																	
NAME OF FIRM	ENVIRO INFRA ENGINEERS LTD																	
NAME OF CLIENT	GUJARAT WATER SUPPLY AND SEWERAGE BOARD																	
LOG BOOK FOR	INTERNAL LABORATORY RECORD FOR THE MONTH OF - JULY-2025																	
Date	INLET								OUTLET								REMARKS	
	INLET FLOW (M ³)	pH	TSS	COD	BOD	TKN	PO ₄ -P	F.Coli.	OUTLET FLOW (M ³)	pH	TSS	COD	BOD	TKN	PO ₄ -P	F.Coli.		FRC
7/1/2025	28944.90	7.28	180	388	210	27.7	2.6	1.4×10 ⁶	27582.50	7.59	8	28	4.5	2.6	1.2	78	0.6	
7/2/2025	19854.30	7.15	170	392	198	29.5	3.0	1.6×10 ⁵	21245.40	7.49	7	32	6.0	3.0	0.8	41	0.5	
7/3/2025	20102.40	7.17	160	404	188	31.2	2.8	1.5×10 ⁶	19758.60	7.48	6	28	4.5	2.8	0.9	52	0.6	
7/4/2025	19974.60	7.09	175	408	204	29.3	3.0	1.8×10 ⁶	19513.00	7.59	7	36	7.5	2.7	1.0	68	0.7	
7/5/2025	19488.70	7.19	165	404	210	29.6	2.6	1.7×10 ⁶	18988.10	7.54	5	44	6.0	3.1	1.1	72	0.8	
7/6/2025	20213.50	7.25	180	412	198	30.8	3.1	1.6×10 ⁶	20124.40	7.49	8	36	4.5	3.3	1.0	84	0.6	
7/7/2025	20471.80	7.19	170	400	204	29.7	3.0	1.4×10 ⁵	19768.10	7.47	7	32	7.5	2.8	0.8	68	0.5	
7/8/2025	19538.72	7.24	165	388	210	31.1	2.8	1.5×10 ⁷	18603.78	7.43	6	40	6.0	3.2	0.9	76	0.7	
7/9/2025	19592.76	7.20	170	404	204	28.6	3.1	1.6×10 ⁶	19057.10	7.51	8	36	4.5	2.7	1.1	58	0.6	
7/10/2025	19457.89	7.09	155	400	198	27.3	3.0	1.5×10 ⁶	19593.80	7.46	7	44	4.5	3.1	0.9	62	0.5	
7/11/2025	20700.32	7.20	160	400	216	31.2	2.9	1.7×10 ⁶	20353.99	7.50	8	40	6.0	2.9	0.8	78	0.4	
7/12/2025	21457.90	7.11	160	404	204	29.8	3.1	1.6×10 ⁵	20093.44	7.48	7	36	4.5	3.0	1.2	60	0.6	
7/13/2025	19682.82	7.18	175	396	198	30.5	3.0	1.5×10 ⁷	19568.05	7.39	8	36	6.0	2.8	1.1	68	0.5	
7/14/2025	19655.49	7.25	155	388	216	27.5	2.8	1.6×10 ⁵	17251.48	7.46	6	32	6.0	3.1	0.9	72	0.4	
7/15/2025	20321.23	7.21	160	400	204	28.8	2.6	1.8×10 ⁶	19720.34	7.53	5	36	4.5	3.0	0.8	76	0.6	
7/16/2025	18602.64	7.15	175	392	198	31.3	2.9	1.5×10 ⁷	18474.30	7.45	7	32	7.5	2.8	1.0	52	0.5	
7/17/2025	15887.93	7.18	165	400	216	28.6	3.3	1.4×10 ⁶	16189.38	7.49	6	36	7.5	3.0	0.8	60	0.7	
7/18/2025	19081.59	7.23	180	404	204	29.1	3.0	1.6×10 ⁶	18072.72	7.53	8	40	4.5	3.3	0.9	68	0.6	
7/19/2025	16583.09	7.21	160	388	198	26.1	2.6	1.8×10 ⁶	16082.17	7.58	6	28	6.0	2.8	1.0	72	0.5	
7/20/2025	16420.83	7.18	165	396	204	25.9	3.3	1.7×10 ⁶	17260.36	7.43	5	32	5.8	2.6	1.1	52	0.6	
7/21/2025	16686.30	7.11	155	408	198	27.8	3.0	1.5×10 ⁶	15063.82	7.35	7	36	4.5	3.3	0.8	61	0.7	
7/22/2025	19879.00	7.10	165	388	216	30.1	2.5	1.5×10 ⁷	19469.01	7.43	8	40	9.0	2.7	0.7	64	0.8	
7/23/2025	15998.91	7.12	175	392	188	29.5	3.4	1.4×10 ⁶	15734.89	7.45	6	32	7.5	3.1	0.8	72	0.6	
7/24/2025	17327.31	7.14	180	404	204	28.6	3.1	1.5×10 ⁶	18220.12	7.49	5	36	6.0	2.8	1.2	78	0.5	
7/25/2025	15977.39	7.18	165	400	216	31.0	2.8	1.6×10 ⁵	15627.82	7.48	6	28	7.5	3.3	0.9	62	0.7	
7/26/2025	15559.82	7.20	175	388	204	28.6	3.0	1.7×10 ⁶	14801.23	7.47	7	40	6.0	2.7	0.8	70	0.6	
7/27/2025	16869.62	7.14	160	396	198	27.5	3.3	1.8×10 ⁵	16034.15	7.55	6	32	4.5	2.6	0.7	58	0.5	
7/28/2025	16078.51	7.22	175	404	204	29.0	2.9	1.6×10 ⁶	15093.73	7.49	7	36	6.0	3.1	1.0	64	0.7	
7/29/2025	15661.30	7.12	170	408	198	31.8	3.1	1.5×10 ⁷	15526.53	7.43	6	36	7.5	3.0	1.1	68	0.5	
7/30/2025	16600.81	7.07	170	384	216	29.0	2.8	1.7×10 ⁵	15567.52	7.48	6	32	4.5	3.0	0.8	62	0.6	
7/31/2025	16572.71	7.22	185	396	204	30.7	3.0	1.5×10 ⁶	16123.00	7.54	8	40	6.0	2.8	1.0	78	0.8	

 PREMIER TECH NAME OF PROJECT	Design, supply, construction, installation, testing and commissioning of sewage treatment plant (32.00 MLD) based on open technology with MCC panel room, DG set and all contingent civil, electrical, mechanical, piping and instrumentation works of with three months trial run and post completion operation & maintenance of entire system for 5 years including one year defect liability period at ,botad District: botad Gujarat.		
NAME OF FIRM	ENVIRO INFRA ENGINEERS LTD		
NAME OF CLIENT	GUJARAT WATER SUPPLY AND SEWERAGE BOARD		
LOG BOOK FOR	FLOW RECORD FOR THE MONTH OF MAY-2025		
DATE	TOTAL INCOMING (M3)	TOTAL OUTGOING (M3)	REMARKS
5/1/2025	28809.30	28641.50	
5/2/2025	28909.70	28741.20	
5/3/2025	28732.20	28982.90	
5/4/2025	28440.58	28804.87	
5/5/2025	28387.87	28322.59	
5/6/2025	28306.10	28434.00	
5/7/2025	28951.90	28833.00	
5/8/2025	28804.40	28718.30	
5/9/2025	28908.10	28884.20	
5/10/2025	29342.40	29682.50	
5/11/2025	26116.70	25981.30	
5/12/2025	28784.70	28719.20	
5/13/2025	28714.10	28516.30	
5/14/2025	28676.50	28763.50	
5/15/2025	29034.90	29204.20	
5/16/2025	29065.60	28407.90	
5/17/2025	28663.70	28650.30	
5/18/2025	28927.60	28435.40	
5/19/2025	28919.00	28899.70	
5/20/2025	29282.70	29338.40	
5/21/2025	29557.30	28912.60	
5/22/2025	29142.60	28821.30	
5/23/2025	28708.00	29044.20	
5/24/2025	28183.70	28285.70	
5/25/2025	29280.50	29251.30	
5/26/2025	28598.10	28145.60	
5/27/2025	28005.60	27955.20	
5/28/2025	28289.20	27225.90	
5/29/2025	28535.30	28398.00	
5/30/2025	28654.80	28198.50	
5/31/2025	28941.60	28956.80	

 PREMIER TECH NAME OF PROJECT	Design, supply, construction, installation, testing and commissioning of sewage treatment plant (32.00 MLD) based on open technology with MCC panel room, DG set and all contingent civil, electrical, mechanical, piping and instrumentation works of with three months trial run and post completion operation & maintenance of entire system for 5 years including one year defect liability period at ,botad District: botad Gujarat.		
NAME OF FIRM	ENVIRO INFRA ENGINEERS LTD		
NAME OF CLIENT	GUJARAT WATER SUPPLY AND SEWERAGE BOARD		
LOG BOOK FOR	FLOW RECORD FOR THE MONTH OF JUNE-2025		
DATE	TOTAL INCOMING (M3)	TOTAL OUTGOING (M3)	REMARKS
6/1/2025	29670.50	29167.80	
6/2/2025	28778.40	28841.80	
6/3/2025	28217.30	27101.00	
6/4/2025	27844.60	26198.23	
6/5/2025	28183.30	28207.20	
6/6/2025	29021.60	27897.20	
6/7/2025	28753.70	28371.60	
6/8/2025	28437.60	27628.20	
6/9/2025	28652.10	28602.80	
6/10/2025	28487.20	28817.30	
6/11/2025	29268.90	28305.70	
6/12/2025	28694.10	28299.60	
6/13/2025	28901.70	28068.20	
6/14/2025	29312.20	28254.80	
6/15/2025	28442.30	28639.00	
6/16/2025	29957.00	28216.00	
6/17/2025	30630.50	29145.20	
6/18/2025	29278.60	28329.40	
6/19/2025	28785.80	28134.89	
6/20/2025	28381.20	27681.49	
6/21/2025	25442.70	25975.54	
6/22/2025	29558.50	29628.00	
6/23/2025	29459.60	29348.80	
6/24/2025	29568.90	28993.30	
6/25/2025	29129.30	28765.50	
6/26/2025	28845.90	29284.40	
6/27/2025	28879.20	27972.90	
6/28/2025	28805.10	28826.50	
6/29/2025	28933.70	27496.00	
6/30/2025	29324.40	28830.60	

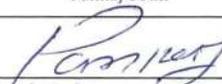
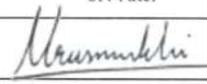
 PREMIER TECH NAME OF PROJECT	Design, supply, construction, installation, testing and commissioning of sewage treatment plant (32.00 MLD) based on open technology with MCC panel room, DG set and all contingent civil, electrical, mechanical, piping and instrumentation works of with three months trial run and post completion operation & maintenance of entire system for 5 years including one year defect liability period at ,botad District: botad Gujarat.		
NAME OF FIRM	ENVIRO INFRA ENGINEERS LTD		
NAME OF CLIENT	GUJARAT WATER SUPPLY AND SEWERAGE BOARD		
LOG BOOK FOR	FLOW RECORD FOR THE MONTH OF JULY-2025		
DATE	TOTAL INCOMING (M3)	TOTAL OUTGOING (M3)	REMARKS
7/1/2025	28944.90	27582.50	
7/2/2025	19854.30	21245.40	
7/3/2025	20104.40	19758.60	
7/4/2025	19974.60	19513.00	
7/5/2025	19488.70	18988.10	
7/6/2025	20213.50	20124.40	
7/7/2025	20471.80	19768.10	
7/8/2025	19538.72	18603.78	
7/9/2025	19592.76	19057.10	
7/10/2025	19457.89	19593.80	
7/11/2025	20700.32	20353.99	
7/12/2025	21457.90	20093.44	
7/13/2025	19682.82	19568.05	
7/14/2025	19655.49	17251.48	
7/15/2025	20321.23	19720.34	
7/16/2025	18602.64	18474.30	
7/17/2025	15887.93	16189.38	
7/18/2025	19081.59	18072.72	
7/19/2025	16583.09	16082.17	
7/20/2025	16420.83	17260.36	
7/21/2025	16686.30	15063.82	
7/22/2025	19879.00	19469.01	
7/23/2025	15998.91	15734.89	
7/24/2025	17327.31	18220.12	
7/25/2025	15977.39	15627.82	
7/26/2025	15559.82	14801.23	
7/27/2025	16869.62	16034.15	
7/28/2025	16078.51	15093.73	
7/29/2025	15661.30	15526.53	
7/30/2025	16600.81	15567.52	
7/31/2025	16572.71	16123.00	

Amendment No: 00	TEST REPORT	Issue No: 04
Amendment Date: 00		Issue Date: 20/02/2024
Doc. No: SWA/LAB/PROS/6.1		Page No: 1 of 1

Water/Wastewater Quality Sampling & Analysis

Company Name	M/S. Enviro Infra Engineers Limited	Sample ID	WQ/459/25
Company Contact Number	96343 27027	Condition of sample	Satisfactory
Address	32 MLD STP BOTAD GUJARAT	Sample Drawn By	Customer
		Quantity of Sample	1 L
		Sampling Method	APHA/IS MODE: (GRAB/ COMPOSITE)
Date & Time of Sampling	02-05-2025, 11:29	Date of Sample Received	02-05-2025
Analysis Starts Date	02-05-2025	Analysis Completion Date	07-05-2025
Sample Description	32 MLD STP BOTAD - Outlet	Temperature/ Humidity during testing	Temp.- 25-29 deg C / Humidity <50 %
Report Date:	07-05-2025	Report Code:	SWA/LAB/02/05/2025/WQ/459

S.No.	PARAMETERS	UNIT	RESULTS	Regulatory Limit	Remarks	Testing Method/ Standard
1	pH @27 deg.	-	7.09			APHA 23rd Edition 4500 B: 2017
2	Total Suspended Solids	mg/l	8.65			APHA 23rd Edition 2540 D: 2017
3	Total Phosphorus	mg/l	0.72			APHA 23rd Edition 4500 P D: 2017
4	Chemical Oxygen Demand	mg/l	32.45			IS 3025 - Part 58 : 2006
5	Biochemical Oxygen Demand	mg/l	7.50			IS 3025 - Part 44 : 1993
6	Ammonical Nitrogen	mg/l	1.93			APHA 23rd Edition 4500 NH3 C: 2017
7	Total Nitrogen	mg/l	5.19			APHA 23rd Edition 4500 NH3 C/ Norg B/ NO3 B/ NO2 B: 2017
8	Oil & Grease	mg/l	BDL(MDL<0.5)			APHA 23rd Edition 5520 C: 2017
9	Total Kjeldhal Nitrogen	mg/l	3.55			APHA 23rd Edition 4500 NH3 C/ Norg B: 2017
10	Fecal Coliform*	MPN	30.00			IS 1622 - Rea. 1981

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

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- End of the Test Report -----



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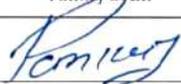
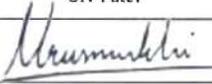
- Registered Address: 7, Silver Plaza, Opp Vishal Tower, Prahladnagar, Ahmedabad 380015
- Mfg. Unit & Laboratory: Survey no. 645, Miroli, Kamod Circle, Ahmedabd-Dholka Road, Ahmedabad-382425
- +91 8828186901 / +91 7874886393 swa@swaenviro.com www.swaenviro.com

TEST REPORT

Water/Wastewater Quality Sampling & Analysis

Company Name	M/S. Enviro Infra Engineers Limited	Sample ID	WQ/698/25
Company Contact Number	96343 27027	Condition of sample	Satisfactory
Address	32 MLD STP BOTAD GUJARAT	Sample Drawn By	Customer
		Quantity of Sample	1 L
		Sampling Method	APHA/IS MODE: (GRAB/ COMPOSITE)
Date & Time of Sampling	18-06-2025, 09:20	Date of Sample Received	18-06-2025
Analysis Starts Date	18-06-2025	Analysis Completion Date	24-06-2025
Sample Description	32 MLD STP BOTAD - Outlet	Temperature/ Humidity during testing	Temp.- 25-29 deg C / Humidity <50 %
Report Date:	24-06-2025	Report Code:	SWA/LAB/18/06/2025/WQ/698

S.No.	PARAMETERS	UNIT	RESULTS	Regulatory Limit	Remarks	Testing Method/ Standard
1	pH @27 deg	-	7.28			APHA 24rd Edition 4500 B: 2023
2	Total Suspended Solids	mg/l	6.20			APHA 24rd Edition 2540 D: 2023
3	Total Phosphorus	mg/l	0.52			APHA 24rd Edition 4500 P D: 2023
4	Chemical Oxygen Demand	mg/l	28.60			IS 3025 - Part 58 : 2006
5	Biochemical Oxygen Demand	mg/l	6.25			IS 3025 - Part 44 : 1993
6	Ammonical Nitrogen	mg/l	1.62			APHA 24rd Edition 4500 NH3 C: 2023
7	Total Nitrogen	mg/l	4.36			APHA 24rd Edition 4500 NH3 C/ Norg B/ NO3 B/ NO2 B: 2023
8	Oil & Grease	mg/l	BDL			APHA 24rd Edition 5520 C: 2023
9	Total Kjeldhal Nitrogen	mg/l	2.98			APHA 24rd Edition 4500 NH3 C/ Norg B: 2023
10	Fecal Coliform	MPN/100 ml	60.00			IS 1622 - Rea. 1981

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

Notes:

- 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.
- The results relate only to the items tested and sampled
- Additions to, deviations, or exclusions from the method- NA
- Results which were outsourced to external providers are marked with ** and results which are performed and not in NABL accreditation scope are marked with * in parameter column
- Disclaimer: When the information is supplied by the customer and can affect the validity of results
- Disclaimer: The report that the results apply to the sample as received in case of the sample has been supplied by customer
- Disclaimer: The laboratory shall be responsible for all the information provided in the report, except when information is provided by the customer
- Regulatory limit reference if any:- NA
- 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
- BDL : Below Detection Limit | RI: Revised report and the number of that times revised

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



WASTEWATER TREATMENT | ENVIRONMENTAL TESTING | ENVIRO-LEGAL SERVICES

- Head Office : Survey no. 645, Miroli, Kamod Circle, Ahmedabad-Dholka Road, Ahmedabad-382425
- Jaipur Branch : 2-A, Bajrang Vihar, Opposite Durgapura railway station, near CK Biral hospital, Jaipur 302018
- +91 9227988980 / 9265491610 swa@swaenviro.com / lab@swaenviro.com www.swaenviro.com



Environmental Private Limited

3408

TEST REPORT

Water/Wastewater Quality Sampling & Analysis

Company Name	M/S. Enviro Infra Engineers Limited	Sample ID	WQ/801/25
Company Contact Number	96343 27027	Condition of sample	Satisfactory
Address	32 MLD STP BOTAD GUJARAT	Sample Drawn By	Customer
		Quantity of Sample	1 L
		Sampling Method	APHA/IS MODE: (GRAB/ COMPOSITE)
Date & Time of Sampling	07-07-2025, 10:25	Date of Sample Received	07-07-2025
Analysis Starts Date	07-07-2025	Analysis Completion Date	12-07-2025
Sample Description	32 MLD STP BOTAD - Outlet	Temperature/ Humidity during testing	Temp.- 25-29 deg C / Humidity <50 %
Report Date:	12-07-2025	Report Code:	SWA/LAB/07/07/2025/WQ/801

S.No.	PARAMETERS	UNIT	RESULTS	Regulatory Limit	Remarks	Testing Method/ Standard
1	pH @27 deg.	-	7.36			APHA 24rd Edition 4500 B: 2023
2	Total Suspended Solids	mg/l	8.23			APHA 24rd Edition 2540 D: 2023
3	Total Phosphorus	mg/l	0.71			APHA 24rd Edition 4500 P D: 2023
4	Chemical Oxygen Demand	mg/l	34.86			IS 3025 - Part 58 :2006
5	Biochemical Oxygen Demand	mg/l	7.50			IS 3025 - Part 44 :1993
6	Ammonical Nitrogen	mg/l	1.89			APHA 24rd Edition 4500 NH3 C: 2023
7	Total Nitrogen	mg/l	5.08			APHA 24rd Edition 4500 NH3 C/ Norg B/ NO3 B/ NO2 B: 2023
8	Oil & Grease	mg/l	BDL			APHA 24rd Edition 5520 C: 2023
9	Total Kjeldhal Nitrogen	mg/l	3.48			APHA 24rd Edition 4500 NH3 C/ Norg B: 2023
10	Fecal Coliform	MPN/100 ml	50.00			IS 1622 - Rea. 1981

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

Notes:

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



WASTEWATER TREATMENT | ENVIRONMENTAL TESTING | ENVIRO-LEGAL SERVICES

- Head Office : Survey no. 645, Miroli, Kamod Circle, Ahmedabad-Dholka Road, Ahmedabad-382425
- Jaipur Branch : 2-A, Bajrang Vihar, Opposite Durgapura railway station, near CK Birala hospital, Jaipur 302018
- +91 9227988980 / 9265491610 swa@swaenviro.com / lab@swaenviro.com www.swaenviro.com

32.00 MLD STP BOTAD GUJARAT.

INTERNAL LABORATORY RECORD. 3409

FOR THE MONTH OF JUNE - 2025.

DATE	INLET								OUTLET								REMARKS		
	FLOW (CM ³)	PH	TSS	CO _D	BOD	TKN	PO ₄ -P	F.CM _I	FLOW (CM ³)	PH	TSS	CO _D	BOD	TKN	PO ₄ -P	F.CM _I		FRC	EIEL SIGN
02/06/2025	29670.50	7.19	280	396	210	26.8	2.9	1.5x10 ⁶	29167.80	7.48	6	32	60	3.0	0.9	78	0.6	Narash	
02/06/2025	28978.40	7.21	285	400	198	27.4	3.4	1.4x10 ⁵	28841.80	7.45	7	36	45	2.8	1.2	60	0.5	Narash	
03/06/2025	28217.30	7.18	270	392	220	29.1	3.0	1.6x10 ⁷	27101.00	7.50	8	32	60	3.1	1.1	52	0.6	Narash	
04/06/2025	27844.60	7.20	275	408	216	30.3	2.8	1.7x10 ⁶	26198.23	7.38	9	28	45	2.9	0.8	38	0.7	Narash	
05/06/2025	28183.30	7.28	265	388	204	29.1	3.1	1.6x10 ⁶	28207.20	7.42	6	32	60	3.1	0.9	52	0.8	Narash	
06/06/2025	29021.60	7.25	260	404	198	30.5	2.8	1.5x10 ⁷	27897.20	7.48	7	36	7.5	3.0	1.0	68	0.6	Narash	
07/06/2025	28733.70	7.11	255	396	220	31.8	2.6	1.6x10 ⁵	28371.60	7.54	8	40	60	2.8	1.1	72	0.4	Narash	
08/06/2025	28437.60	7.08	270	400	204	32.0	3.0	1.8x10 ⁶	27628.00	7.58	9	44	4.5	2.7	0.8	78	0.6	Narash	
09/06/2025	28652.10	7.12	280	392	226	29.7	2.8	1.6x10 ⁶	28602.80	7.61	8	40	60	3.1	0.9	65	0.4	Narash	
10/06/2025	28487.20	7.19	265	408	210	28.6	3.1	1.7x10 ⁵	28817.80	7.57	7	32	7.5	3.0	1.2	72	0.8	Narash	
11/06/2025	29266.90	7.17	270	400	198	27.5	3.0	1.8x10 ⁶	28305.70	7.50	6	28	60	2.8	0.9	78	0.6	Narash	
12/06/2025	28694.10	7.18	285	396	204	28.1	2.9	1.6x10 ⁵	28299.60	7.48	7	32	7.5	3.1	0.8	62	0.5	Narash	
23/06/2025	28901.70	7.20	275	404	198	31.0	2.8	1.5x10 ⁷	28068.20	7.49	8	36	4.5	3.0	1.0	53	0.6	Narash	
24/06/2025	29314.90	7.23	280	408	220	29.7	3.1	2.6x10 ⁶	28254.80	7.51	6	32	60	2.9	1.2	60	0.7	Narash	
25/06/2025	28442.30	7.29	265	412	204	31.2	3.3	1.7x10 ⁵	28639.00	7.53	7	40	4.5	3.1	0.8	48	0.8	Narash	
26/06/2025	29957.00	7.10	270	400	220	30.0	2.8	1.8x10 ⁶	28216.00	7.50	8	32	7.5	2.8	0.7	52	0.6	Narash	
27/06/2025	30630.50	7.18	280	392	198	31.3	3.0	1.6x10 ⁵	29145.20	7.48	7	36	60	3.0	1.0	60	0.5	Narash	
28/06/2025	29278.60	7.20	275	388	204	29.7	2.9	1.7x10 ⁶	28329.40	7.46	6	40	4.5	2.6	1.1	72	0.6	Narash	
19/06/2025	28785.80	7.09	265	388	220	30.0	3.1	1.6x10 ⁵	28134.89	7.48	7	32	60	3.0	0.9	68	0.5	Narash	
20/06/2025	28381.20	7.18	270	392	204	29.8	2.8	1.5x10 ⁷	27681.49	7.40	6	28	7.5	2.9	1.0	78	0.6	Narash	
22/06/2025	25442.70	7.15	260	400	216	31.0	3.0	1.6x10 ⁶	25975.54	7.45	7	32	9.0	3.1	0.8	62	0.5	Narash	
22/06/2025	29558.50	7.29	270	408	220	29.6	2.9	1.5x10 ⁶	29628.00	7.49	8	36	4.5	2.7	0.7	69	0.7	Narash	
23/06/2025	29489.60	7.10	280	412	198	27.5	2.7	1.4x10 ⁶	29348.80	7.58	9	44	60	3.0	1.1	48	0.6	Narash	
24/06/2025	29568.90	7.11	260	400	204	31.0	3.1	1.6x10 ⁵	28993.30	7.60	8	40	7.5	2.9	0.9	52	0.5	Narash	
25/06/2025	29129.30	7.18	275	392	220	29.8	3.0	1.7x10 ⁶	28765.50	7.48	7	32	5.8	3.1	0.8	67	0.4	Narash	
26/06/2025	28845.90	7.25	280	400	198	31.3	3.3	1.5x10 ⁵	29284.40	7.48	6	36	60	3.0	1.2	68	0.6	Narash	
27/06/2025	28879.20	7.10	270	400	216	29.1	3.0	1.6x10 ⁶	27972.90	7.51	7	40	4.5	2.9	0.5	42	0.8	Narash	
28/06/2025	28805.10	7.21	265	392	220	29.8	2.7	1.7x10 ⁵	28826.50	7.53	8	32	60	3.1	0.7	58	0.6	Narash	
29/06/2025	28933.70	7.28	275	408	198	31.0	2.8	1.8x10 ⁶	27496.00	7.46	5	36	4.5	2.7	0.8	60	0.7	Narash	
30/06/2025	29324.90	7.17	270	396	204	28.5	3.0	2.6x10 ⁵	28830.60	7.40	6	44	7.5	3.0	0.9	72	0.8	Narash	

**Checklist for Monitoring of Performance of Sewage Treatment Plants
(STPs)**

Date:	13/08/2025	Name and Designation:	ZALA SIDDHRAJSINH (SWM)
RCM Zone	AHEMDABAD	ULB/MC	DHRANGADHRA

Sr No	Details	Observation	Units	Max Limits
1	Name/Location of STP	DHRANGADHRA STP		
2	Year of Commissioning of STP	3/1/2021		
3	Ownership of STP (Please note that if the ownership of the STP is not with ULB, Please make sure to furnish all the data from relevant department)	GWSSB		
4	Design Capacity of STP	11.60 MLD	MLD	
4.1	Present Design Capacity	5.1 MLD	MLD	
4.2	Intermidiate Design Capacity	7.7 MLD	MLD	
4.3	Ultimate Design Capacity	11.60 MLD	MLD	
5	Capacity Utilisation (Please Attach SCADA report (Last 3 months report) as supporting, If No then attach details of measurement with sign and stamp of concern authority)	4.9 FLOW MLD	MLD	
6	O&M Carried Out By (Agency or ULB)	P.DAS INFRASTRUCTURE		
7	Plant Functioning Timings (no of hours)	24 HOURS		

8	Type of STP - Please Mention Process of Sewage Treatment (i) ASP - Activated sludge process (ii) TF - Trickling filter (iii) AL - Aerated lagoon (iv) UASB - Upflow anaerobic sludge blanket (v) OP - Oxidation pond/waste stabilization ponds (vi) EA - Extended Aeration (vii) SBR – Sequential Batch Reactor (viii) MBR – Membrane Bio Reactor (ix) MBBR – Moving Bed Bio Reactor	SBR - SEQUENTIAL BATCH REACTOR			
9	Influent Wastewater Characteristics	Observation	Test Dates		
i	pH	7.66	21/05/2025		
ii	BoD ₅ @ 20° C	231.8		mg/L	
iii	CoD	440.3		mg/L	
iv	TSS	337.2		mg/L	
v	TKN			mg/L	
vi	Total Phosphorous			mg/L	
vii	Total Coliform	-	-	MPN/100 ml	
10	Point of treated water Disposal	FALKU RIVER			
11	Bypass arrangements at STP, if any	YES			
12	Method of Sludge Disposal & Status	CENTRIFUGE METHOD			
13	Volume of Industrial Waste being mixed, if any	NO			
14	Treated Sewage Quality @ Outlet of Chlorine Contact Tank	Observation	Test Dates		
i	pH	7.32	21/05/2025		6.5 to 9
ii	BoD ₅ @ 20° C	8.75		mg/L	Less than 10
iii	CoD	40.12		mg/L	Less than 50
iv	TSS	8.45		mg/L	Less than 10
v	NH ₄ -N	3		mg/L	Less than 5
vi	N-Total	6.45		mg/L	Less than 10
vii	Total Phosphorus (PO ₄ -P)	1.2		mg/L	Less than 2
viii	Total Coliform	-		MPN/100 ml	20% of TC

ix	Fecal Coliform	183		MPN/100 ml	Less than 100
x	Total Residual Chlorine	0.55	21/05/2025	mg/L	1
15	Status of Miantainance of Log Book				
	- Updated Frequency		DAILY		
	- Data availability Period		1 YEAR		
16	Availablity of Lab Facility (if Yes, provide last 3 months results of testing of treated waste water performed duly signed by competent authorities)		YES		
17	Name and Designation of the person carrying out lab tests		TANK MEETRAJSINH		
18	Provide lab testing data of last three months				
19	If lab facility is not available in-house, Provide last 3 months results of Testing of Treated Waste Water performed at any private lab/GERI				
20	If no testing is being conducted please provide justification for the same				
21	Any additional comments about the working of STP				




ચીફ ઓફિસર
ધાંગઘા નગરપાલિકા

Executive Engineer
Regional Commissioner (Municipalities)
Ahmedabad Zone



◆ NABL Accredited Laboratory

Test Report

Report ID: NML/WW/24-25/124

Date: 21/05/2025

Customer Name		P.DAS INFRASTRUCTURE PVT LTD		
Customer Address		11.60 MLD DHRANGADHRA		
Date & Time of Sampling	15/05/2025	Sampling Plan & Method	IS 3025(Part-1) RA 2019	
Date of Receipt of Sample	17/05/2025			
Sample Collected by	Client	Sample Condition	SATISFACTORY	
Analysis Starting Date	17/05/2025	Packing / Seal	SEALED	
Analysis Completion Date	21/05/2025	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.	24-25/184	Waste Water	Outlet	Treated Water

Analysis Results

Sr. No.	Parameters	Reference Method	Results	Regulatory Limit	Unit
1.	pH	IS 3025 (Part 11): 2022	7.32	6.5-9.0	--
2.	BIOLOGICAL OXYGEN DEMAND (3 days at 27°C)	IS 3025 (Part 44): 2023	8.75	<10	mg/L
3.	CHEMICAL OXYGEN DEMAND	IS 3025 (Part 58) : 2023	40.12	<50	mg/L
4.	TOTAL SUSPENDED SOLIDS	IS 3025 (Part 17): 1988 (RA 2022)	8.45	<10	mg/L
5.	AMMONICAL NITROGEN	IS 3025 (Part 34/sec-1):2023	3	<5	mg/L
6.	TOTAL NITROGEN	IS 3025 (Part 34/sec- 1):2023	6.45	<10	mg/L
7.	TOTAL PHOSPHORUS	IS 3025 (Part 31) :Sec 1 : 2022	1.2	1	mg/L
8.	FAECAL COLIFORM	IS 15185 : 2016	183	<230	(MPN)/100
9.	RESIDUAL CHLORINE	IS 3025 (Part 31) : Sec 1 : 2022	0.55	0.5-1.0	mg/L

Checked by
Senior Chemist



Authorised by
Lab Manager/CEO

End of Test Report

Remarks:

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

March - 2025

3414

Sl. No	Date	PRIMARY TRETMENT UNIT				OUTLET TREATMENT UNIT					
		PH	TSS (mg/l)	COD (mg/l)	BOD (mg/l)	PH	C.TSS (mg/l)	COD (mg/l)	BOD (mg/l)	TP	L.E.B T.E.C.H
2	01-03-25	7.63	324.5	443.6	218.3	7.3	7.4	36.6	7.8	1.1	
2	02-03-25	7.67	317.6	441.1	216.7	7.4	7.5	38.8	8.4	1.5	
3	03-03-25	7.7	326.4	432.3	207.8	7.2	7.6	39.2	8.1	1.2	
4	04-03-25	7.65	322.5	435.8	210.7	7.1	7.8	42.3	8.3	1.3	
5	05-03-25	7.68	329.1	430.4	214.6	7.5	7.2	44.8	8.0	1.4	
6	06-03-25	7.71	315.2	446.9	213.2	7.42	7.2	36.2	8.2	1.3	
7	07-03-25	7.64	332.6	432.4	221.2	7.30	7.5	36.6	8.1	1.4	
8	08-03-25	7.70	339.1	427.2	224.8	7.43	7.6	38.4	8.0	1.5	
9	09-03-25	7.62	336.4	446.1	232.6	7.32	7.3	37.5	8.3	1.3	
10	10-03-25	7.66	332.6	431.7	227.3	7.45	7.9	39.1	8.1	1.3	
11	11-03-25	7.75	358.3	449.5	220.1	7.60	8.2	32.8	7.9	1.6	
12	12-03-25	7.72	331.5	393.2	205.8	7.27	7.8	37.8	7.2	1.4	
13	13-03-25	7.69	324.4	430.7	221.6	7.32	7.1	38.6	8.3	1.3	
14	14-03-25	7.67	318.2	433.1	210.8	7.44	7.6	41.2	8.1	1.4	
15	15-03-25	7.73	328.7	438.3	226.3	7.51	7.2	36.4	7.6	1.5	
16	16-03-25	7.70	336.1	446.2	230.3	7.54	7.7	35.9	8.2	1.2	
17	17-03-25	7.68	331.8	441.7	237.2	7.37	7.9	32.9	7.5	1.1	
18	18-03-25	7.76	351.1	444.3	235.8	7.49	8.1	39.2	8.3	1.4	
19	19-03-25	7.74	350.3	432.7	210.9	7.46	8.2	33.3	8.0	1.5	
20	20-03-25	7.71	342.8	418.6	227.8	7.53	7.8	36.7	8.1	1.5	
21	21-03-25	7.66	337.2	440.3	231.8	7.36	8.3	31.9	7.8	1.3	
22	22-03-25	7.61	349.7	441.8	221.3	7.32	7.8	32.7	8.2	1.4	
23	23-03-25	7.64	337.6	438.5	216.4	7.39	7.7	31.2	7.9	1.4	
24	24-03-25	7.72	348.2	420.4	222.5	7.45	8.1	39.2	8.0	1.2	
25	25-03-25	7.75	327.8	429.8	218.3	7.51	8.2	33.8	7.9	1.6	
26	26-03-25	7.66	348.1	434.2	228.9	7.38	8.0	38.8	8.2	1.5	
27	27-03-25	7.71	338.7	440.7	221.8	7.48	7.9	36.2	8.4	1.1	
28	28-03-25	7.70	333.6	446.3	226.7	7.44	7.6	31.8	7.8	1.3	
29	29-03-25	7.62	343.1	421.8	220.9	7.38	8.1	32.3	7.9	1.2	
30	30-03-25	7.60	316.4	435.3	215.2	7.40	7.7	42.7	7.6	1.4	
31	31-03-25	7.63	325.1	422.6	230.6	7.42	7.9	44.1	8.1	1.6	

April-2025

3415

S.R.No	Date	PRIMARY TRETMENT UNIT				OUTLET TRETMENT UNIT					L.E.B T.E.C.H
		PH (mg/l)	TSS (mg/l)	COD (mg/l)	BOD (mg/l)	PH	TSS (mg/l)	COD (mg/l)	BOD (mg/l)	T.P	
2	01-04-25	8.0	351.2	442.6	235.2	7.70	8.9	39.1	7.8	1.5	
2	02-04-25	7.86	348.7	437.9	231.7	7.49	8.3	38.2	7.9	1.3	
3	03-04-25	7.79	343.6	435.3	228.9	7.51	8.6	36.4	8.0	1.4	
4	04-04-25	7.90	332.8	447.8	240.6	7.56	8.0	34.7	8.3	1.3	
5	05-04-25	7.77	329.7	422.1	223.6	7.46	8.2	38.8	8.4	1.2	
6	06-04-25	-	-	-	-	-	-	-	-	-	
7	07-04-25	-	-	-	-	-	-	-	-	-	
8	08-04-25	-	-	-	-	-	-	-	-	-	
9	09-04-25	7.70	325.4	446.1	227.8	7.49	7.9	31.9	7.7	1.4	
10	10-04-25	7.73	341.8	442.3	232.4	7.52	8.0	35.2	8.3	1.3	
11	11-04-25	7.81	350.1	449.2	245.9	7.44	8.1	38.4	8.1	1.5	
12	12-04-25	7.76	347.6	437.3	241.6	7.42	8.2	35.5	7.9	1.3	
13	13-04-25	7.71	343.8	431.8	238.4	7.37	8.3	31.2	7.8	1.4	
14	14-04-25	-	-	-	-	-	-	-	-	-	
15	15-04-25	7.68	320.7	428.3	225.1	7.38	8.4	33.5	8.2	1.2	
16	16-04-25	7.74	341.3	447.2	246.3	7.42	8.5	38.2	7.9	1.4	
17	17-04-25	7.78	337.8	426.5	233.4	7.47	8.2	35.6	8.0	1.5	
18	18-04-25	7.69	329.6	418.1	224.9	7.39	8.1	32.7	7.8	1.3	
19	19-04-25	7.66	349.2	449.8	244.3	7.36	8.5	33.6	8.1	1.5	
20	20-04-25	7.71	342.6	441.3	236.7	7.44	8.3	34.7	8.4	1.6	
21	21-04-25	7.76	338.5	432.4	233.6	7.48	7.8	40.2	7.9	1.3	
22	22-04-25	7.68	332.1	428.6	230.9	7.31	8.0	37.5	8.1	1.2	
23	23-04-25	7.64	348.6	425.2	218.3	7.28	8.2	33.8	8.0	1.2	
24	24-04-25	-	-	-	-	-	-	-	-	-	
25	25-04-25	7.62	345.7	432.3	225.6	7.25	8.1	31.8	8.2	1.3	
26	26-04-25	-	-	-	-	-	-	-	-	-	
27	27-04-25	7.70	351.6	448.9	246.4	7.41	7.9	36.5	7.8	1.5	
28	28-04-25	7.74	324.1	426.9	239.7	7.52	8.2	31.8	8.3	1.4	
29	29-04-25	7.76	320.5	422.8	229.8	7.54	8.1	35.6	8.2	1.5	
30	30-04-25	7.79	343.6	445.7	238.2	7.51	8.3	37.2	8.4	1.3	

PRIMARY TREATMENT UNIT

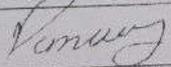
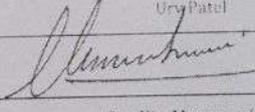
OUTLET TREATMENT UNIT

S.R No	Date	PRIMARY TREATMENT UNIT				OUTLET TREATMENT UNIT					L.E.B T.E.C.H
		PH	TSS (mg/l)	COD (mg/l)	BOD (mg/l)	PH	TSS (mg/l)	COD (mg/l)	BOD (mg/l)	T.P	
2	01-05-25	7.81	360.5	452.7	249.3	7.56	8.5	40.1	8.4	1.3	
2	02-05-25	7.77	354.3	448.4	246.8	7.51	8.2	38.6	8.1	1.1	
3	03-05-25	7.60	334.8	420.7	234.1	7.28	8.6	36.4	8.5	1.2	
4	04-05-25	7.66	368.2	411.3	236.7	7.40	8.0	31.7	8.2	1.4	
5	05-05-25	7.62	371.4	428.9	222.8	7.36	8.4	30.9	7.9	1.4	
6	06-05-25	7.58	352.7	438.8	218.9	7.29	8.3	33.8	8.0	1.3	
7	07-05-25	7.70	345.6	451.2	233.4	7.41	8.7	35.2	7.8	1.6	
8	08-05-25	7.52	331.2	443.6	251.2	7.32	8.1	37.9	8.4	1.5	
9	09-05-25	7.64	338.1	424.7	234.5	7.44	8.2	32.6	8.5	1.1	
10	10-05-25	7.55	330.6	428.2	231.4	7.25	8.0	35.1	8.2	1.5	
11	11-05-25	7.69	354.7	438.5	243.9	7.32	8.3	37.2	8.1	1.3	
12	12-05-25	7.56	320.4	414.3	229.1	7.27	9.0	40.0	8.3	1.4	
13	13-05-25	7.67	332.8	423.2	221.8	7.33	8.8	38.4	8.5	1.2	
14	14-05-25	7.74	320.2	417.9	242.4	7.44	8.9	31.8	8.0	1.5	
15	15-05-25	7.82	314.8	411.3	233.3	7.51	8.7	34.6	8.6	1.6	
16	16-05-25	7.60	328.4	430.6	221.7	7.26	8.4	35.1	8.5	1.3	
17	17-05-25	-	-	-	-	-	-	-	-	-	
18	18-05-25	-	-	-	-	-	-	-	-	-	
19	19-05-25	-	-	-	-	-	-	-	-	-	
20	20-05-25	-	-	-	-	-	-	-	-	-	
21	21-05-25	-	-	-	-	-	-	-	-	-	
22	22-05-25	-	-	-	-	-	-	-	-	-	
23	23-05-25	-	-	-	-	-	-	-	-	-	
24	24-05-25	-	-	-	-	-	-	-	-	-	
25	25-05-25	-	-	-	-	-	-	-	-	-	
26	26-05-25	-	-	-	-	-	-	-	-	-	
27	27-05-25	-	-	-	-	-	-	-	-	-	
28	28-05-25	-	-	-	-	-	-	-	-	-	
29	29-05-25	7.67	341.8	448.5	231.8	7.36	8.2	37.2	8.4	1.4	
30	30-05-25	7.62	332.6	440.6	224.6	7.30	8.4	34.5	8.2	1.1	
31	31-05-25	7.58	326.4	443.9	242.3	7.22	8.1	35.8	7.9	1.5	

SR	Date	INLET FLOW						3417		OUTLET FLOW				Remarks
		Morning			Evening			Flow	Flow	Flow	CUBIC meter	TOTAL		
		ON	OFF	Total Hour	ON	OFF	TOTAL HOUR	m ³ /HR	m ³ -HR	m ³ D	Per Day	Flow MED		
1	1-3-2025	9:20	11:20	2:00	-	-	-	2	Hour	850.00	1700.04	1.70	-	-
2	2-3-2025	9:00	10:30	1:30	4:00	5:00	2	2:30	Hour	950.51	2186.4	2.18	-	-
3	3-3-2025	9:18	10:48	1:50	-	-	-	2:30	Hour	830.31	1079.43	1.7943	-	-
4	4-3-2025	8:30	9:30	1:00	4:00	6:00	2	3:11	Hour	950.37	2850.93	2.85	8350.20	8.35
5	5-3-2025	8:40	9:40	1:00	3:00	5:00	2	3:11	Hour	550.21	1650.20	1.65	-	-
6	6-3-2025	8:00	10:00	2:00	3:20	5:25	2:05	4:51	Hour	986.50	4439.25	4.43	-	-
7	7-3-2025	8:10	10:10	2:00	2:00	4:00	2:10	4:10	Hour	830.41	3404.69	3.40	9220.30	9.20
8	8-3-2025	8:20	10:30	2:10	3:35	5:40	2:05	4:05	Hour	940.50	4232.25	4.23	-	-
9	9-3-2025	8:30	10:35	2:05	4:00	6:20	2:20	4:25	Hour	916.30	3894.27	3.89	7202.30	7.20
10	10-3-2025	8:40	10:45	2:05	3:10	5:30	2:20	4:25	Hour	980.35	4166.36	4.16	-	-
11	11-3-2025	8:08	10:10	2:02	3:53	5:47	01:54	3:54	Hour	910.20	3222.10	3.22	8753.21	8.75
12	12-03-25	08:15	10:20	2:05	3:35	5:44	02:09	4:14	Hour	850.20	3514.82	3.51	-	-
13	13-03-25	08:08	10:15	2:07	3:10	5:28	02:18	4:25	Hour	930.37	3953.81	3.95	6223.01	6.22
14	14-03-25	-	-	-	-	-	-	-	-	-	-	-	-	-
15	15-03-25	8:30	10:30	2:00	3:00	5:10	2:10	4:10	Hour	890.20	3649.82	3.64	3600.01	3.60
16	16-03-25	9:00	11:00	2:00	4:00	6:00	2:00	4:00	Hour	989.30	3957.2	3.95	394.01	3.94
17	17-03-25	9:00	10:00	1:00	3:16	5:32	2:16	3:16	Hour	1350.20	4266.63	4.26	4253.09	4.25
19	18-03-25	08:35	10:25	1:50	3:20	5:28	2:08	3:58	Hour	870.25	3325.46	3.35	3346.30	3.34
20	19-03-25	08:15	10:20	2:10	3:05	5:10	2:05	4:15	Hour	970.40	4027.16	4.02	4019.51	4.01
21	20-03-25	08:05	10:16	2:11	4:00	5:28	1:28	3:39	Hour	1120.60	3798.83	3.79	3783.40	3.78
22	21-03-25	08:00	10:03	2:03	3:45	5:35	1:50	3:53	Hour	896.31	3163.97	3.16	3142.68	3.14
23	22-03-25	09:05	10:15	1:10	3:10	5:25	2:15	3:25	Hour	1083.15	3520.23	3.52	3514.83	3.51
24	23-03-25	08:30	9:50	1:20	3:20	5:40	2:20	3:40	Hour	930.10	3162.34	3.16	3150.92	3.15
25	24-03-25	08:40	10:00	1:20	3:45	5:05	1:20	2:40	Hour	890.35	2136.84	2.13	2127.76	2.12
26	25-03-25	08:10	9:50	1:40	3:00	4:50	1:50	3:30	Hour	740.15	2442.49	2.44	2415.22	2.41
27	26-03-25	8:30	10:00	1:30	3:15	4:45	1:30	3:00	Hour	1040.30	3120.4	3.12	3114.45	3.11
28	27-03-25	8:05	9:45	1:40	4:00	5:10	1:10	2:50	Hour	957.21	2393.02	2.39	2386.70	2.38
29	28-03-25	09:00	10:15	1:15	3:50	5:05	1:15	2:30	Hour	1260.45	2840.03	2.89	2883.41	2.88
30	29-03-25	09:35	10:40	1:05	3:05	5:20	2:15	3:20	Hour	1044.31	3341.82	3.34	3336.20	3.33
31	30-03-25	08:10	09:30	1:20	3:30	5:10	1:40	3:00	Hour	790.55	2371.65	2.37	2369.11	2.36
	31-03-25	08:02	10:02	2:00	3:00	5:05	2:05	4:05	Hour	1015.27	4111.84	4.11	4108.96	4.10

S.R No	Date	INLET FLOW						Flow M ³ /HR	Total Flow Per Day	Flow Cubic Meter	Flow MLD	OUTLET FLOW		Remarks
		Morning			Evening							Cubic Meter Per Day	Total Flow MLD	
		ON	OFF	Total Hour	ON	OFF	Total Hour							
1	01-04-25	8:00	9:50	1:50	3:15	5:20	2:05	3:55 Hour	849.31	3015.05	3.01	3008.21	3.00	
2	02-04-25	8:15	10:05	1:50	3:00	5:20	2:20	4:10 Hour	1043.10	4276.71	4.27	4267.38	4.26	
3	03-04-25	8:10	10:45	2:05	4:00	5:45	1:45	3:50 Hour	680.69	2382.41	2.38	2374.66	2.37	
4	04-04-25	8:20	9:55	1:35	-	-	-	1:35 Hour	1110.26	1498.85	1.49	1483.48	1.48	
5	05-04-25	8:05	9:45	1:40	-	-	-	1:40 Hour	920.58	1288.81	1.28	1274.10	1.27	
6	06-04-25	-	-	-	-	-	-	-	-	-	-	-	-	
7	07-04-25	-	-	-	-	-	-	-	-	-	-	-	-	
8	08-04-25	-	-	-	-	-	-	-	-	-	-	-	-	
9	09-04-25	8:20	10:10	1:50	3:30	5:10	1:40	3:30 Hour	1072.35	3538.75	3.53	3521.67	3.52	
10	10-04-25	8:15	10:00	1:45	3:00	5:00	2:00	3:45 Hour	819.77	2828.20	2.82	2816.53	2.81	
11	11-04-25	8:17	9:50	1:33	3:15	5:20	2:05	3:38 Hour	952.83	3220.56	3.22	3217.87	3.21	
12	12-04-25	8:30	10:05	1:35	3:30	5:05	1:35	3:10 Hour	1005.26	3116.30	3.11	3109.16	3.10	
13	13-04-25	9:15	11:00	1:45	3:10	5:20	2:10	3:55 Hour	1185.32	4207.89	4.20	4192.55	4.19	
14	14-04-25	-	-	-	3:50	5:15	1:25	1:25 Hour	991.84	1239.80	1.23	1226.36	1.22	
15	15-04-25	8:05	9:45	1:40	3:30	5:30	2:00	3:40 Hour	1123.64	3820.37	3.82	3817.23	3.81	
16	16-04-25	8:05	10:00	1:55	3:15	5:20	2:05	4:00 Hour	1039.18	4156.72	4.15	4146.87	4.14	
17	17-04-25	8:15	9:40	1:25	3:35	5:40	2:05	3:30 Hour	891.47	2941.85	2.94	2934.18	2.93	
18	18-04-25	9:00	10:30	1:30	-	-	-	1:30 Hour	992.67	1290.47	1.29	1286.17	1.28	
19	19-04-25	8:00	10:05	2:05	3:30	5:00	1:30	3:35 Hour	1064.26	3565.27	3.56	3552.87	3.55	
20	20-04-25	8:10	9:50	1:40	3:05	5:10	2:05	3:45 Hour	1203.53	4152.17	4.15	4145.53	4.14	
21	21-04-25	8:30	10:20	1:50	3:40	5:30	1:50	3:40 Hour	1181.74	4017.91	4.01	4009.07	4.00	
22	22-04-25	8:15	10:30	2:15	3:10	5:10	2:00	4:15 Hour	865.12	3590.24	3.59	3584.42	3.58	
23	23-04-25	9:10	10:55	1:45	4:00	5:20	1:20	3:05 Hour	2890.45	947.69	2.89	2886.20	2.88	
24	24-04-25	-	-	-	3:45	5:45	2:00	2:00 Hour	788.10	1576.20	1.57	1562.33	1.56	
25	25-04-25	9:35	11:30	1:55	3:15	5:15	2:00	3:55 Hour	998.24	3543.75	3.54	3537.13	3.53	
26	26-04-25	-	-	-	3:30	5:20	1:50	1:50 Hour	1028.73	1543.09	1.54	1534.82	1.53	
27	27-04-25	9:40	11:25	1:45	3:00	5:15	2:15	4:00 Hour	1067.36	4269.44	4.26	4256.07	4.25	
28	28-04-25	8:00	9:50	1:50	3:10	5:10	2:00	3:50 Hour	962.98	3370.43	3.37	3361.57	3.36	
29	29-04-25	8:25	10:00	1:35	3:15	5:20	2:05	3:40 Hour	988.73	3361.68	3.36	3359.21	3.35	
30	30-04-25	8:10	10:15	2:05	3:10	5:20	2:10	4:15 Hour	1009.78	4190.78	4.19	4183.34	4.18	

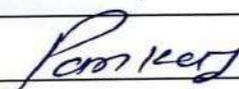
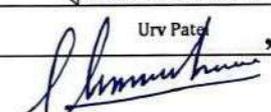
S R No	Date	INLET FLOW						OUTLET FLOW					Remarks	
		Morning			Evening			Flow M ³ /HR	Total Flow Per/Day	Flow Cubic Meters	Flow MLD	Cubic Meter Per/Day		Total Flow MLD
		ON	OFF	Total Hour	ON	OFF	Total Hour							
2	01-05-25	8:05	10:00	1:55	3:00	5:10	2:10	4:05 Hour	1024.73	4150.15	4.15	4147.23	4.14	
2	02-05-25	8:10	9:50	1:40	3:15	5:20	2:05	3:45 Hour	934.68	3224.64	3.22	3218.67	3.21	
3	03-05-25	8:20	9:55	1:35	3:45	5:15	1:30	3:05 Hour	892.77	2722.94	2.72	2718.46	2.71	
4	04-05-25	8:30	10:05	1:35	3:05	5:05	2:00	3:35 Hour	1016.43	3405.04	3.40	3391.20	3.39	
5	05-05-25	8:25	10:15	1:50	3:40	5:20	1:40	3:30 Hour	896.12	2957.19	2.95	2943.11	2.94	
6	06-05-25	-	-	-	4:00	5:20	1:20	1:20 Hour	924.58	1109.49	1.10	1098.07	1.09	
7	07-05-25	8:00	10:00	2:00	3:25	5:20	1:55	3:55 Hour	975.26	3462.17	3.46	3452.82	3.45	
8	08-05-25	8:15	9:50	1:35	3:35	5:10	1:35	3:10 Hour	747.81	2318.21	2.31	2306.22	2.30	
9	09-05-25	8:05	10:10	2:05	3:05	5:15	2:10	4:20 Hour	991.03	4162.32	4.16	4157.64	4.15	
10	10-05-25	8:00	9:25	1:25	3:30	5:05	1:35	3:00 Hour	903.37	2710.11	2.71	2703.18	2.70	
11	11-05-25	8:10	9:55	1:45	3:20	5:20	2:00	3:45 Hour	886.52	3058.49	3.05	3046.44	3.04	
12	12-05-25	8:05	9:40	1:35	-	-	-	2:35 Hour	942.68	1272.61	1.27	1263.11	1.26	
13	13-05-25	8:00	9:50	1:50	3:30	5:15	1:45	3:35 Hour	1082.14	3625.16	3.62	3619.25	3.61	
14	14-05-25	8:15	10:00	1:45	3:40	5:30	1:50	3:35 Hour	967.37	3240.68	3.24	3231.28	3.23	
15	15-05-25	8:30	9:50	1:20	3:15	5:15	2:00	3:20 Hour	1009.03	3228.89	3.22	3219.57	3.21	
16	16-05-25	8:30	10:20	1:50	3:10	5:15	2:05	3:55 Hour	1152.65	4091.90	4.09	4084.91	4.08	
17	17-05-25	-	-	-	-	-	-	-	-	-	-	-	-	
18	18-05-25	-	-	-	-	-	-	-	-	-	-	-	-	
19	19-05-25	-	-	-	-	-	-	-	-	-	-	-	-	
20	20-05-25	-	-	-	-	-	-	-	-	-	-	-	-	
21	21-05-25	-	-	-	-	-	-	-	-	-	-	-	-	
22	22-05-25	-	-	-	-	-	-	-	-	-	-	-	-	
23	23-05-25	-	-	-	-	-	-	-	-	-	-	-	-	
24	24-05-25	-	-	-	-	-	-	-	-	-	-	-	-	
25	25-05-25	-	-	-	-	-	-	-	-	-	-	-	-	
26	26-05-25	-	-	-	-	-	-	-	-	-	-	-	-	
27	27-05-25	-	-	-	-	-	-	-	-	-	-	-	-	
28	28-05-25	-	-	-	-	-	-	-	-	-	-	-	-	
29	29-05-25	8:30	9:40	1:10	3:20	5:20	2:00	3:10 Hour	988.32	3067.39	3.06	3057.11	3.05	
30	30-05-25	8:00	9:35	1:35	3:30	5:15	1:45	3:20 Hour	1039.97	3327.90	3.32	3318.19	3.31	
31	31-05-25	8:02	10:00	1:58	3:05	5:10	2:05	4:03 Hour	1027.47	4140.70	4.14	4136.38	4.13	

Amendment No: 00		TEST REPORT		Issue No: 04		
Amendment Date: 00				Issue Date: 20/02/2024		
Doc. No: SWA/LAB/PROS/6.1				Page No: 1 of 1		
Water/Wastewater Quality Sampling & Analysis						
Company Name	P. Das Infrastructure Pvt Ltd	Sample ID	WQ/1743/24			
Company Contact Number	9925163598	Condition of sample	Satisfactory			
Address	A-502 TO 532, Klap Industrial Park, Nr. KIA Show Room, S.P Ring Road, Odhav, Ahmedabad-382415.	Sample Drawn By	Customer			
		Quantity of Sample	1 L			
Date & Time of Sampling	16-12-2024, 09:25	Sampling Method	APHA/IS MODE (GRAB/ COMPOSITE)			
		Date of Sample Received	16-12-2024			
Analysis Starts Date	16-12-2024	Analysis Completion Date	21-12-2024			
Sample Description	11.60MLD Dhrangadhra STP - Outlet	Temperature/ Humidity during testing	Temp. - 25-29 deg C / Humidity <50 %			
Report DLR Number:	TC414224000001979F	Report Date:	21-12-2024			
		Report Code:	SWA/LAB/16/12/2024/WQ/1743			
S.No.	PARAMETERS	UNIT	RESULTS	Regulatory Limit	Remarks	Testing Method/ Standard
1	pH @27 deg.	-	7.34	6.5 -9.0		APHA 23rd Edition 4500 B: 2017
2	Total Suspended Solids	mg/l	8.98	<10		APHA 23rd Edition 2540 D: 2017
3	Total Nitrogen	mg/l	4.53	<10		APHA 23rd Edition 4500 NH3 C/ Norg B/NO3 B/NO2 B: 2017
4	Chemical Oxygen Demand	mg/l	34.42	<50		IS 3025 - Part 58 : 2006
5	Biochemical Oxygen Demand	mg/l	8.50	<10		IS 3025 - Part 44 : 1993
Supervised By :		Pankaj Gothi		Authorized Signatory :		Urvy Patel
Signature :				Signature :		
Designation :		Technical Manager/COO Lab		Designation :		Quality Manager/CEO
Notes:						
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3. Additions, 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 accreditation scope are marked with * in parameter column.						
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8. Regulatory limit reference if any: NA						
9. Opinion, Interpretation & Statement of Conformity if provided can be referred in the remarks section as "Permissible", "Below acceptable" or whatever is applicable as per the requirement.						
10. BDL - Below Detection Limit (RL) - Revised report and the number of that times revised						
----- End of the Test Report -----						



WASTEWATER TREATMENT | ENVIRONMENTAL TESTING | ENVIRO-LEGAL SERVICES

- Registered Address: 7, Silver Plaza, Opp Vishal Tower, Prahaladnagar, Ahmedabad 380015
 Mfg. Unit & Laboratory: Survey no. 645, Miroli, Kamod Circle, Ahmedabad-Dholka Road, Ahmedabad-382425
 +91 8828186901 / +91 7874886393 swa@swaenviro.com www.swaenviro.com

Amendment No: 00		TEST REPORT		Issue No: 04		
Amendment Date: 00				Issue Date: 20/02/2024		
Doc. No: SWA/LAB/PROS/6.1				Page No: 1 of 1		
Water/Wastewater Quality Sampling & Analysis						
Company Name	P. Das Infrastructure Pvt Ltd.	Sample ID	WQ/88/25			
Company Contact Number	9925163598	Condition of sample	Satisfactory			
Address	A-502 TO 532, Klap Industrial Park, Nr. KIA Show Room, S.P Ring Road, Odhav, Ahemdabad-382415.	Sample Drawn By	Customer			
		Quantity of Sample	1 L			
		Sampling Method	APHA/IS MODE: (GRAB/ COMPOSITE)			
Date & Time of Sampling	15-5-2025	Date of Sample Received	15-5-2025			
Analysis Starts Date	15-5-2025	Analysis Completion Date	21-5-2025			
Sample Description	11.60MLD Dhrangadhra STP - Outlet	Temperature/ Humidity during testing	Temp.- 25-29 deg C / Humidity <50 %			
Report ULR Number:	TC414225000000130F	Report Date:	21-5-2025			
		Report Code:	SWA/LAB/15/01/2025/WQ/88			
S.No.	PARAMETERS	UNIT	RESULTS	Regulatory Limit	Remarks	Testing Method / Standard
1	pH @27 deg.	-	7.32	6.5 -9.0	/	APHA 23rd Edition 4500 B: 2017
2	Total Suspended Solids	mg/l	8.45	<10		APHA 23rd Edition 2540 D: 2017
3	Total Nitrogen	mg/l	6.45	<10		APHA 23rd Edition 4500 NH3 C/ Norg B/NO3 B/NO2 B:2017
4	Chemical Oxygen Demand	mg/l	40.12	<50		IS 3025 - Part 58 : 2006
5	Biochemical Oxygen Demand	mg/l	8.75	<10		IS 3025 - Part 44 : 1993
Supervised By :		Pankaj Gothi		Authorized Signatory :		Urv Patel
Signature :				Signature :		
Designation :		Technical Manager /COO Lab		Designation :		Quality Manager/CEO
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8. Regulatory limit reference if any:- NA						
9. Opinion, Interpretation & Statement of Conformity if provided can be referred 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 -----						



WASTEWATER TREATMENT | ENVIRONMENTAL TESTING | ENVIRO-LEGAL SERVICES

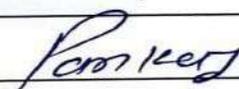
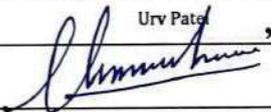
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Amendment No: 00	TEST REPORT	Issue No: 04
Amendment Date: 00		Issue Date: 20/02/2024
Doc. No: SWA/LAB/PROS/6.1		Page No: 1 of 1

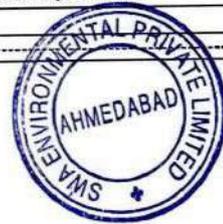
Water/Wastewater Quality Sampling & Analysis

Company Name	P. Das Infrastructure Pvt Ltd.	Sample ID	WQ/88/25
Company Contact Number	9925163598	Condition of sample	Satisfactory
Address	A-502 TO 532, Klap Industrial Park, Nr. KIA Show Room, S.P Ring Road, Odhav, Ahemdabad-382415.	Sample Drawn By	Customer
		Quantity of Sample	1 L
		Sampling Method	APHA/IS MODE: (GRAB/ COMPOSITE)
Date & Time of Sampling	15-4-2025	Date of Sample Received	15-4-2025
Analysis Starts Date	15-4-2025	Analysis Completion Date	21-4-2025
Sample Description	11.60MLD Dhrangadhra STP - Outlet	Temperature/ Humidity during testing	Temp.- 25-29 deg C / Humidity <50 %
Report ULR Number:	TC414225000000130F	Report Date:	21-4-2025
		Report Code:	SWA/LAB/15/01/2025/WQ/88

S.No.	PARAMETERS	UNIT	RESULTS	Regulatory Limit	Remarks	Testing Method / Standard
1	pH @27 deg.	-	7.32	6.5 -9.0	/	APHA 23rd Edition 4500 B: 2017
2	Total Suspended Solids	mg/l	8.45	<10		APHA 23rd Edition 2540 D: 2017
3	Total Nitrogen	mg/l	6.45	<10		APHA 23rd Edition 4500 NH3 C/ Norg B/NO3 B/NO2 B:2017
4	Chemical Oxygen Demand	mg/l	40.12	<50		IS 3025 - Part 58 : 2006
5	Biochemical Oxygen Demand	mg/l	8.75	<10		IS 3025 - Part 44 : 1993

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

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WASTEWATER TREATMENT | ENVIRONMENTAL TESTING | ENVIRO-LEGAL SERVICES

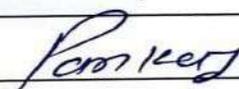
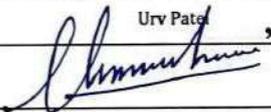
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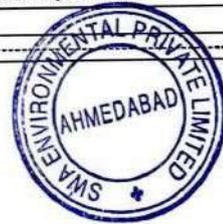
Water/Wastewater Quality Sampling & Analysis

Company Name	P. Das Infrastructure Pvt Ltd.	Sample ID	WQ/88/25
Company Contact Number	9925163598	Condition of sample	Satisfactory
Address	A-502 TO 532, Klap Industrial Park, Nr. KIA Show Room, S.P Ring Road, Odhav, Ahemdabad-382415.	Sample Drawn By	Customer
		Quantity of Sample	1 L
		Sampling Method	APHA/IS MODE: (GRAB/ COMPOSITE)
Date & Time of Sampling	15-3-2025	Date of Sample Received	15-3-2025
Analysis Starts Date	15-3-2025	Analysis Completion Date	21-3-2025
Sample Description	11.60MLD Dhrangadhra STP - Outlet	Temperature/ Humidity during testing	Temp.- 25-29 deg C / Humidity <50 %
Report ULR Number:	TC414225000000130F	Report Date:	21-3-2025
		Report Code:	SWA/LAB/15/01/2025/WQ/88

S.No.	PARAMETERS	UNIT	RESULTS	Regulatory Limit	Remarks	Testing Method / Standard
1	pH @27 deg.	-	7.32	6.5 -9.0	/	APHA 23rd Edition 4500 B: 2017
2	Total Suspended Solids	mg/l	8.45	<10		APHA 23rd Edition 2540 D: 2017
3	Total Nitrogen	mg/l	6.45	<10		APHA 23rd Edition 4500 NH3 C/ Norg B/NO3 B/NO2 B:2017
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Supervised By :	Pankaj Gothi	Authorized Signatory :	Urv Patel
Signature :		Signature :	
Designation :	Technical Manager /COO Lab	Designation :	Quality Manager/CEO

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Checklist for Monitoring of Performance of Sewage Treatment Plants (STPs)

Date:	04/07/2025	Name and Designation:	
RCM Zone	RCM Ahmedabad	ULB/MC	

Sr No	Details	Observation	Units	Max Limits
1	Name/Location of STP	5.8-MLD-STP-BAVLA		
2	Year of Commissioning of STP	2022		
3	Ownership of STP	M/S GUJARAT CONSTRUCTION		
4	Design Capacity of STP	5.8	MLD	
4.1	Present Design Capacity	3.25	MLD	
4.2	Intermediate Design Capacity	-	MLD	
4.3	Ultimate Design Capacity	5.8	MLD	
5	Capacity Utilisation (Please Attach SCADA report (Last 3 months report) as supporting, If No then attach details of measurement with sign and stamp of concern authority)	3.25	MLD	
6	O&M Carried Out By (Agency or ULB)	M/S GUJARAT CONSTRUCTION		
7	Plant Functioning Timings (no of hours)	MORNING/EVENING		
8	Type of STP - Please Mention Process of Sewage Treatment (i) ASP - Activated sludge process (ii) TF - Trickling filter (iii) AL - Aerated lagoon (iv) UASB - Upflow anaerobic sludge blanket (v) OP - Oxidation pond/waste stabilization ponds (vi) EA - Extended Aeration (vii) SBR – Sequential Batch Reactor (viii) MBR – Membrane Bio Reactor (ix) MBBR – Moving Bed Bio Reactor	SEQUENTIAL BATCH REACTOR		
9	Influent Wastewater Characteristics	Observation	Test Dates	
	i pH	8.4		
	ii BoD ₅ @ 20° C	234	mg/L	
	iii CoD	335	mg/L	
	iv TSS	82	mg/L	
	v TKN	37	mg/L	
	vi Total Phosphorous	6.45	mg/L	
	vii Total Coliform	BDL	MPN/100 ml	
10	Point of treated water Disposal	NEAR-CANAL		
11	Bypass arrangements at STP, if any	YES-BEFORE-INLET-CHAMBER		
12	Method of Sludge Disposal & Status			
13	Volume of Industrial Waste being mixed, if any			
14	Treated Sewage Quality @ Outlet of	Observation	Test Dates	
	i pH	7.3		6.5 to 9
	ii BoD ₅ @ 20° C	8	mg/L	Less than 10
	iii CoD	33	mg/L	Less than 50
	iv TSS	8	mg/L	Less than 10
	v NH ₄ -N	-	mg/L	Less than 5
	vi N-Total	5.5	mg/L	Less than 10
	vii Total Phosphorus (PO ₄ -P)	1.2	mg/L	Less than 2
	viii Total Coliform	-	MPN/100 ml	20% of TC
	ix Fecal Coliform	78	MPN/100 ml	Less than 100
	x Total Residual Chlorine	BDL[QL=0.82]	mg/L	1
15	Status of Miantainance of Log Book			
	- Updated Frequency	DAILY		
	- Data availability Period	ANY-TIME		
16	Availablity of Lab Facility	YES		

3425

17	Name and Designation of the person carrying out lab tests	Goswami AMAR		
18	Any additional comments about the working of STP	NO		




ચીફ ઓફિસર
બાવળા નગરપાલિકા, બાવળા.



3426

Satva Environ Consultancy

Environment Testing Laboratory

Analysis Report of Waste Water

REF:SEC/WAT/ROU/04/07/2025

Date: 04.07.2025

Name and Address of Unit	Gujarat Construction Company Patel Motor Way Bridge, Near Rajkamal Petrol Pump, Highway Mehsana, Gujarat, 384002.
Date of Sample Received	04.07.2025
Sample Collected By/Provided By	Provided by Client
Sample Collected from	Bavla 5.9 MLD - STP
Sample Description	Inlet and Outlet of STP
Quantity Receipt in L	2
Sample Condition During Receipt	Acceptable
Analysis Start Date	04.07.2025
Analysis End Date	08.07.2025

Sr. No.	Parameters	Reference Method	Inlet Results	Outlet Results	Units	Permissible Limit
1	pH	IS 3025 (Part 11),2022	7.89	7.49	--	--
2	Total Dissolved Solid	IS 3025 (Part 16),1984 (RA 2017)	680	691	mg/l	--
3	Suspended Solid	IS 3025 (Part 17), 1984 (RA 2021)	96.2	8.3	mg/l	--
4	Chemical Oxygen Demand	IS 3025 (Part 58), 2006 (RA 2017)	330	49	mg/l	--
5	BOD (3 Day 27°C)	IS 3025 (Part 44), 1993 (RA 2019)	219	8.4	mg/l	--

Authorized Signatory
Pratik Nayak (CEO)

Note:

- The results listed herewith are only for the tested item only.
- This report shall not be reproduced except in full without permission of the CEO of Satva Environ Consultancy.
- Sample shall be dispose after 15 days from the date of issue of the report unless agreed with the customer.
- The results apply to the sample as received.

❖End of Report❖

3427

Jul-25

Date	Time	Sampling location	Temp oC	pH	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	Total phosphate	Total Nitrogen (mg/L)	Total Coliform	Faecal Coliform (MPN/100ml)
01/07/2025	10:00 AM	CCT Outlet	30	7.4	7	23	7.4	0.78	7.1	-	70
02/07/2025	10:00 AM	CCT Outlet	26	7.2	6	28	8.5	0.88	8.9	-	81
03/07/2025	10:00 AM	CCT Outlet	25	7.2	9	37	7.2	0.81	5.7	-	91
04/07/2025	10:00 AM	CCT Outlet	28	7.4	8	47	8.9	0.78	7.9	-	63



3428

Jul-25

Date	Time	Sampling location	Temp oC	pH	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	Total phosphate	Total Nitrogen (mg/L)	Total Coliform	Faecal Coliform (MPN/100ml)
01/07/2025	10:00 AM	Inlet Chamber	28	8.4	236	345	79	5.2	42.4	(10 [^]) ⁷	(10 [^]) ⁶
02/07/2025	10:00 AM	Inlet Chamber	32	8.6	233	340	76	5.8	35.7	(10 [^]) ⁷	(10 [^]) ⁶
03/07/2025	10:00 AM	Inlet Chamber	35	8.1	232	349	78	5.7	39.5	(10 [^]) ⁷	(10 [^]) ⁶
04/07/2025	10:00 AM	Inlet Chamber	33	8.0	215	324	96	6.2	35.3	(10 [^]) ⁷	(10 [^]) ⁶



Home
Page -
Click here

Swachh Bharat Mission, Urban

Waste water (Sewage) test report at Outlet point of STP

Does ULB have test reports of inlet point (post treatment)?	Yes/No	YES
---	--------	-----

Upload PDF file of last six month of test reports of Outlet points of STP

Note : If STP is recently constructed, provide declaration for the same

Specimen format for Lab Testing results

Mar-25

Date	Time	Sampling location	Temp oC	pH	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	Total phosphate	Total Nitrogen (mg/L)	Total Coliform	Faecal Coliform (MPN/100ml)
01/03/2025	10:00 AM	CCT Outlet	32	7.1	8	28	7.3	0.66	5.8	-	69
02/03/2025	10:00 AM	CCT Outlet	25	7.2	9	38	7.7	0.69	7.4	-	78
03/03/2025	10:00 AM	CCT Outlet	28	7.1	6	38	7.9	0.88	7.2	-	80
04/03/2025	10:00 AM	CCT Outlet	30	7.1	7	28	7.3	0.81	6.8	-	95
05/03/2025	10:00 AM	CCT Outlet	26	7.4	6	37	8.9	0.78	5.7	-	76
06/03/2025	10:00 AM	CCT Outlet	25	7.4	9	47	8.3	0.89	7.9	-	64
07/03/2025	10:00 AM	CCT Outlet	28	7.2	8	27	7.6	0.94	8.4	-	66
08/03/2025	10:00 AM	CCT Outlet	32	7.3	7	18	7.1	0.72	8.3	-	65
09/03/2025	10:00 AM	CCT Outlet	35	7.1	6	18	8.6	0.91	6.1	-	74
10/03/2025	10:00 AM	CCT Outlet	26	7.5	9	27	8.9	0.84	7.3	-	84
11/03/2025	10:00 AM	CCT Outlet	25	7.4	8	36	8.2	0.65	8.4	-	81
12/03/2025	10:00 AM	CCT Outlet	28	7.4	7	27	9.0	0.78	9.4	-	60
13/03/2025	10:00 AM	CCT Outlet	32	7.2	7	36	7.4	0.86	9.5	-	62
14/03/2025	10:00 AM	CCT Outlet	35	7.1	6	27	7.3	0.88	5.9	-	72
15/03/2025	10:00 AM	CCT Outlet	30	7.2	6	17	8.4	0.74	5.6	-	78
16/03/2025	10:00 AM	CCT Outlet	34	7.2	9	38	8.2	0.71	6.8	-	77
17/03/2025	10:00 AM	CCT Outlet	33	7.0	9	39	8.5	0.95	8.4	-	71
18/03/2025	10:00 AM	CCT Outlet	27	7.2	8	49	7.2	0.91	8.3	-	81
19/03/2025	10:00 AM	CCT Outlet	29	7.4	6	28	8.9	0.72	6.5	-	90
20/03/2025	10:00 AM	CCT Outlet	34	7.3	7	28	8.6	0.91	6.1	-	89
21/03/2025	10:00 AM	CCT Outlet	33	7.2	7	27	7.9	0.84	8.2	-	69
22/03/2025	10:00 AM	CCT Outlet	27	7.1	9	36	8.8	0.65	9.3	-	70
23/03/2025	10:00 AM	CCT Outlet	29	7.5	8	48	7.4	0.78	7.4	-	81
24/03/2025	10:00 AM	CCT Outlet	34	7.5	6	38	8.5	0.86	8.3	-	93
25/03/2025	10:00 AM	CCT Outlet	33	7.4	8	27	7.2	0.74	6.7	-	99
26/03/2025	10:00 AM	CCT Outlet	30	7.3	9	36	8.9	0.78	7.1	-	92
27/03/2025	10:00 AM	CCT Outlet	26	7.4	6	47	8.6	0.73	8.9	-	89
28/03/2025	10:00 AM	CCT Outlet	25	7.2	7	37	8.4	0.85	8.4	-	88
29/03/2025	10:00 AM	CCT Outlet	26	7.1	8	36	8.1	0.89	8.6	-	63
30/03/2025	10:00 AM	CCT Outlet	25	7.1	9	27	7.0	0.92	9.2	-	74
31/03/2025	10:00 AM	CCT Outlet	28	7.2	9	36	7.2	0.90	9.3	-	79

Apr-25

Date	Time	Sampling location	Temp oC	pH	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	Total phosphate	Total Nitrogen (mg/L)	Total Coliform	Faecal Coliform (MPN/100ml)
01/04/2025	10:00 AM	CCT Outlet	35	7.1	6	39	7.4	0.53	6.7	-	88
02/04/2025	10:00 AM	CCT Outlet	33	7.5	6	49	8.5	0.67	7.1	-	83
03/04/2025	10:00 AM	CCT Outlet	27	7.4	9	28	7.2	0.66	8.9	-	97
04/04/2025	10:00 AM	CCT Outlet	29	7.4	9	28	8.9	0.69	8.4	-	75
05/04/2025	10:00 AM	CCT Outlet	34	7.2	8	27	8.6	0.88	5.6	-	72
06/04/2025	10:00 AM	CCT Outlet	33	7.5	6	26	8.2	0.81	6.8	-	79
07/04/2025	10:00 AM	CCT Outlet	27	7.5	7	19	8.5	0.78	8.4	-	82
08/04/2025	10:00 AM	CCT Outlet	27	7.1	7	27	7.2	0.89	8.3	-	84
09/04/2025	10:00 AM	CCT Outlet	30	7.4	6	33	7.3	0.71	6.1	-	90
10/04/2025	10:00 AM	CCT Outlet	32	7.4	9	37	8.9	0.95	7.3	-	92
11/04/2025	10:00 AM	CCT Outlet	25	7.2	8	42	8.3	0.91	8.4	-	95
12/04/2025	10:00 AM	CCT Outlet	28	7.3	7	28	7.6	0.72	9.4	-	79
13/04/2025	10:00 AM	CCT Outlet	30	7.1	6	22	7.1	0.91	7.4	-	71
14/04/2025	10:00 AM	CCT Outlet	32	7.5	9	23	8.6	0.84	8.3	-	63
15/04/2025	10:00 AM	CCT Outlet	29	7.4	8	20	8.9	0.65	6.7	-	65
16/04/2025	10:00 AM	CCT Outlet	30	7.4	7	23	7.4	0.78	7.1	-	70
17/04/2025	10:00 AM	CCT Outlet	26	7.2	6	28	8.5	0.88	8.9	-	81
18/04/2025	10:00 AM	CCT Outlet	25	7.2	9	37	7.2	0.81	5.7	-	91
19/04/2025	10:00 AM	CCT Outlet	28	7.4	8	47	8.9	0.78	7.9	-	63
20/04/2025	10:00 AM	CCT Outlet	32	7.3	7	27	8.6	0.89	8.4	-	68
21/04/2025	10:00 AM	CCT Outlet	35	7.2	7	18	7.1	0.94	8.3	-	81



22/04/2025	10:00 AM	CCT Outlet	25	7.1	6	18	8.6	0.72	6.1	-	90
23/04/2025	10:00 AM	CCT Outlet	28	7.5	6	39	8.9	0.91	7.3	-	89
24/04/2025	10:00 AM	CCT Outlet	30	7.3	9	49	8.9	0.89	8.4	-	69
25/04/2025	10:00 AM	CCT Outlet	26	7.0	9	28	8.6	0.71	7.2	-	70
26/04/2025	10:00 AM	CCT Outlet	25	7.2	6	28	8.5	0.95	6.8	-	81
27/04/2025	10:00 AM	CCT Outlet	28	7.1	6	19	7.2	0.91	5.7	-	93
28/04/2025	10:00 AM	CCT Outlet	32	7.1	8	21	8.9	0.73	7.9	-	99
29/04/2025	10:00 AM	CCT Outlet	29	7.0	9	24	8.6	0.85	8.4	-	92
30/04/2025	10:00 AM	CCT Outlet	30	7.3	7	23	8.5	0.91	8.6	-	89

May-25

Date	Time	Sampling location	Temp °C	pH	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	Total phosphate	Total Nitrogen (mg/L)	Total Coliform	Faecal Coliform (MPN/100ml)
01/05/2025	10:00 AM	CCT Outlet	34	7.5	9	28	8.9	0.95	6.1	-	90
02/05/2025	10:00 AM	CCT Outlet	27	7.3	8	27	8.3	0.81	7.3	-	93
03/05/2025	10:00 AM	CCT Outlet	27	7.1	7	26	7.1	0.91	7.2	-	81
04/05/2025	10:00 AM	CCT Outlet	30	7.0	6	19	8.6	0.72	6.8	-	90
05/05/2025	10:00 AM	CCT Outlet	32	7.2	9	27	8.9	0.88	5.7	-	81
06/05/2025	10:00 AM	CCT Outlet	25	7.4	8	33	8.5	0.81	7.9	-	90
07/05/2025	10:00 AM	CCT Outlet	28	7.3	7	37	7.6	0.78	8.4	-	89
08/05/2025	10:00 AM	CCT Outlet	30	7.2	7	27	7.1	0.89	6.7	-	69
09/05/2025	10:00 AM	CCT Outlet	32	7.1	9	33	8.3	0.94	7.1	-	70
10/05/2025	10:00 AM	CCT Outlet	25	7.5	6	37	8.9	0.72	8.9	-	81
11/05/2025	10:00 AM	CCT Outlet	28	7.1	8	42	8.3	0.91	8.4	-	93
12/05/2025	10:00 AM	CCT Outlet	32	7.0	9	28	8.9	0.78	6.1	-	66
13/05/2025	10:00 AM	CCT Outlet	35	7.3	7	23	8.3	0.89	7.3	-	65
14/05/2025	10:00 AM	CCT Outlet	30	7.1	6	18	7.6	0.71	8.4	-	74
15/05/2025	10:00 AM	CCT Outlet	25	7.5	8	27	7.1	0.95	9.4	-	84
16/05/2025	10:00 AM	CCT Outlet	28	7.4	9	36	8.6	0.69	8.9	-	81
17/05/2025	10:00 AM	CCT Outlet	30	7.4	6	27	8.9	0.88	7.8	-	60
18/05/2025	10:00 AM	CCT Outlet	26	7.2	6	36	8.5	0.81	7.4	-	92
19/05/2025	10:00 AM	CCT Outlet	25	7.1	7	27	7.2	0.78	8.3	-	95
20/05/2025	10:00 AM	CCT Outlet	28	7.0	9	17	8.9	0.95	6.7	-	79
21/05/2025	10:00 AM	CCT Outlet	32	7.3	8	36	8.6	0.81	7.1	-	71
22/05/2025	10:00 AM	CCT Outlet	35	7.1	9	27	7.9	0.73	8.9	-	70
23/05/2025	10:00 AM	CCT Outlet	30	7.4	8	17	8.8	0.85	7.8	-	81
24/05/2025	10:00 AM	CCT Outlet	34	7.4	7	38	7.3	0.91	9.5	-	92
25/05/2025	10:00 AM	CCT Outlet	25	7.2	7	28	8.4	0.78	5.3	-	89
26/05/2025	10:00 AM	CCT Outlet	29	7.3	6	37	8.2	0.89	5.8	-	88
27/05/2025	10:00 AM	CCT Outlet	34	7.1	6	47	7.4	0.95	6.7	-	63
28/05/2025	10:00 AM	CCT Outlet	33	7.2	9	27	8.5	0.91	9.5	-	74
29/05/2025	10:00 AM	CCT Outlet	32	7.4	9	23	7.2	0.72	5.9	-	84
30/05/2025	10:00 AM	CCT Outlet	30	7.3	6	18	8.9	0.73	5.6	-	83
31/05/2025	10:00 AM	CCT Outlet	34	7.2	9	23	8.6	0.85	6.8	-	88

Jun-25

Date	Time	Sampling location	Temp °C	pH	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	Total phosphate	Total Nitrogen (mg/L)	Total Coliform	Faecal Coliform (MPN/100ml)
01/06/2025	10:00 AM	CCT Outlet	34	7.3	9	36	8.9	0.73	7.4	-	81
02/06/2025	10:00 AM	CCT Outlet	27	7.0	8	27	8.6	0.85	8.3	-	93
03/06/2025	10:00 AM	CCT Outlet	27	7.2	7	17	7.9	0.88	6.7	-	66
04/06/2025	10:00 AM	CCT Outlet	30	7.1	6	38	8.5	0.81	7.1	-	81
05/06/2025	10:00 AM	CCT Outlet	32	7.1	9	27	7.2	0.78	8.9	-	93
06/06/2025	10:00 AM	CCT Outlet	25	7.0	8	36	8.9	0.72	8.3	-	74
07/06/2025	10:00 AM	CCT Outlet	28	7.5	7	27	8.6	0.91	6.1	-	77
08/06/2025	10:00 AM	CCT Outlet	30	7.3	6	36	7.9	0.78	7.3	-	82
09/06/2025	10:00 AM	CCT Outlet	32	7.1	9	27	8.8	0.89	8.4	-	84
10/06/2025	10:00 AM	CCT Outlet	25	7.5	8	17	7.1	0.95	9.4	-	90
11/06/2025	10:00 AM	CCT Outlet	28	7.4	8	28	8.6	0.81	7.8	-	92
12/06/2025	10:00 AM	CCT Outlet	32	7.4	6	37	8.9	0.78	9.5	-	95
13/06/2025	10:00 AM	CCT Outlet	35	7.2	7	47	8.5	0.89	5.3	-	71
14/06/2025	10:00 AM	CCT Outlet	28	7.2	7	27	8.3	0.94	5.8	-	75
15/06/2025	10:00 AM	CCT Outlet	32	7.4	9	28	7.6	0.72	6.7	-	66
16/06/2025	10:00 AM	CCT Outlet	-	-	-	-	-	-	-	-	-
17/06/2025	10:00 AM	CCT Outlet	-	-	-	-	-	-	-	-	-
18/06/2025	10:00 AM	CCT Outlet	-	-	-	-	-	-	-	-	-
19/06/2025	10:00 AM	CCT Outlet	-	-	-	-	-	-	-	-	-
20/06/2025	10:00 AM	CCT Outlet	-	-	-	-	-	-	-	-	-
21/06/2025	10:00 AM	CCT Outlet	-	-	-	-	-	-	-	-	-
22/06/2025	10:00 AM	CCT Outlet	-	-	-	-	-	-	-	-	-
23/06/2025	10:00 AM	CCT Outlet	-	-	-	-	-	-	-	-	-
24/06/2025	10:00 AM	CCT Outlet	-	-	-	-	-	-	-	-	-
25/06/2025	10:00 AM	CCT Outlet	-	-	-	-	-	-	-	-	-
26/06/2025	10:00 AM	CCT Outlet	-	-	-	-	-	-	-	-	-
27/06/2025	10:00 AM	CCT Outlet	-	-	-	-	-	-	-	-	-
28/06/2025	10:00 AM	CCT Outlet	-	-	-	-	-	-	-	-	-
29/06/2025	10:00 AM	CCT Outlet	-	-	-	-	-	-	-	-	-
30/06/2025	10:00 AM	CCT Outlet	-	-	-	-	-	-	-	-	-



Waste water (Sewage) test report at Inlet point of STP

Does ULB have test reports of in let point (pre treatment)?	Yes/No	YES
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Upload PDF file of last six month of test reports of Inlet points of STP

Note : If STP is recently constructed, provide declaration for the same

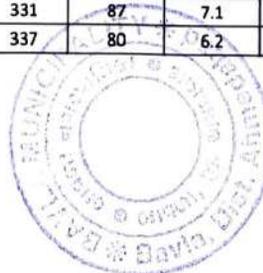
Specimen format for Lab Testing results

Mar-25

Date	Time	Sampling location	Temp oC	pH	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	Total phosphate	Total Nitrogen (mg/L)	Total Coliform	Faecal Coliform (MPN/100ml)
01/03/2025	10:00 AM	Inlet Chamber	34	8.2	236	334	76	6.2	36.7	(10 ⁸) ⁷	(10 ⁶) ⁶
02/03/2025	10:00 AM	Inlet Chamber	33	8.4	235	343	78	7.5	40.7	(10 ⁸) ⁷	(10 ⁶) ⁶
03/03/2025	10:00 AM	Inlet Chamber	27	8.0	243	337	96	7.3	38.4	(10 ⁸) ⁷	(10 ⁶) ⁶
04/03/2025	10:00 AM	Inlet Chamber	29	8.3	249	323	90	5.9	41.7	(10 ⁸) ⁷	(10 ⁶) ⁶
05/03/2025	10:00 AM	Inlet Chamber	34	8.2	253	317	83	6.5	36.3	(10 ⁸) ⁷	(10 ⁶) ⁶
06/03/2025	10:00 AM	Inlet Chamber	33	8.0	217	327	77	6.2	42.4	(10 ⁸) ⁷	(10 ⁶) ⁶
07/03/2025	10:00 AM	Inlet Chamber	30	8.6	218	344	79	5.4	37.5	(10 ⁸) ⁷	(10 ⁶) ⁶
08/03/2025	10:00 AM	Inlet Chamber	26	8.5	233	336	84	5.5	41.6	(10 ⁸) ⁷	(10 ⁶) ⁶
09/03/2025	10:00 AM	Inlet Chamber	27	8.2	230	339	76	6.2	37.6	(10 ⁸) ⁷	(10 ⁶) ⁶
10/03/2025	10:00 AM	Inlet Chamber	30	8.4	241	330	74	6.3	39.3	(10 ⁸) ⁷	(10 ⁶) ⁶
11/03/2025	10:00 AM	Inlet Chamber	32	8.1	248	325	87	6.8	45.5	(10 ⁸) ⁷	(10 ⁶) ⁶
12/03/2025	10:00 AM	Inlet Chamber	25	8.2	236	342	80	7.2	41.3	(10 ⁸) ⁷	(10 ⁶) ⁶
13/03/2025	10:00 AM	Inlet Chamber	28	8.4	233	334	79	7.5	38.8	(10 ⁸) ⁷	(10 ⁶) ⁶
14/03/2025	10:00 AM	Inlet Chamber	30	8.0	232	340	76	6.4	40.7	(10 ⁸) ⁷	(10 ⁶) ⁶
15/03/2025	10:00 AM	Inlet Chamber	26	8.3	215	329	78	6.9	41.5	(10 ⁸) ⁷	(10 ⁶) ⁶
16/03/2025	10:00 AM	Inlet Chamber	25	8.0	224	336	96	6.8	42.4	(10 ⁸) ⁷	(10 ⁶) ⁶
17/03/2025	10:00 AM	Inlet Chamber	28	8.3	231	347	90	5.2	35.7	(10 ⁸) ⁷	(10 ⁶) ⁶
18/03/2025	10:00 AM	Inlet Chamber	32	8.2	226	340	87	5.8	36.5	(10 ⁸) ⁷	(10 ⁶) ⁶
19/03/2025	10:00 AM	Inlet Chamber	35	8.6	234	324	80	5.7	43.7	(10 ⁸) ⁷	(10 ⁶) ⁶
20/03/2025	10:00 AM	Inlet Chamber	26	8.5	247	316	79	6.2	45.7	(10 ⁸) ⁷	(10 ⁶) ⁶
21/03/2025	10:00 AM	Inlet Chamber	25	8.2	218	334	76	6.4	37.2	(10 ⁸) ⁷	(10 ⁶) ⁶
22/03/2025	10:00 AM	Inlet Chamber	28	8.4	224	343	78	6.9	43.4	(10 ⁸) ⁷	(10 ⁶) ⁶
23/03/2025	10:00 AM	Inlet Chamber	32	8.4	236	337	96	6.2	37.4	(10 ⁸) ⁷	(10 ⁶) ⁶
24/03/2025	10:00 AM	Inlet Chamber	35	8.4	235	323	93	7.2	36.6	(10 ⁸) ⁷	(10 ⁶) ⁶
25/03/2025	10:00 AM	Inlet Chamber	30	8.3	243	361	79	5.8	40.8	(10 ⁸) ⁷	(10 ⁶) ⁶
26/03/2025	10:00 AM	Inlet Chamber	34	8.2	249	342	76	7.5	40.3	(10 ⁸) ⁷	(10 ⁶) ⁶
27/03/2025	10:00 AM	Inlet Chamber	34	8.1	219	334	78	5.9	40.4	(10 ⁸) ⁷	(10 ⁶) ⁶
28/03/2025	10:00 AM	Inlet Chamber	33	8.5	236	340	96	6.4	37.5	(10 ⁸) ⁷	(10 ⁶) ⁶
29/03/2025	10:00 AM	Inlet Chamber	30	8.4	233	329	90	6.8	41.3	(10 ⁸) ⁷	(10 ⁶) ⁶
30/03/2025	10:00 AM	Inlet Chamber	26	8.3	226	336	83	7.2	38.8	(10 ⁸) ⁷	(10 ⁶) ⁶
31/03/2025	10:00 AM	Inlet Chamber	28	8.2	234	347	77	6.2	40.7	(10 ⁸) ⁷	(10 ⁶) ⁶

Apr-25

Date	Time	Sampling location	Temp oC	pH	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	Total phosphate	Total Nitrogen (mg/L)	Total Coliform	Faecal Coliform (MPN/100ml)
01/04/2025	10:00 AM	Inlet Chamber	35	8.2	230	339	74	6.4	38.8	(10 ⁸) ⁷	(10 ⁶) ⁶
02/04/2025	10:00 AM	Inlet Chamber	26	8.3	241	340	87	6.9	40.7	(10 ⁸) ⁷	(10 ⁶) ⁶
03/04/2025	10:00 AM	Inlet Chamber	25	8.4	248	332	80	6.8	41.5	(10 ⁸) ⁷	(10 ⁶) ⁶
04/04/2025	10:00 AM	Inlet Chamber	28	8.4	236	345	79	5.2	42.4	(10 ⁸) ⁷	(10 ⁶) ⁶
05/04/2025	10:00 AM	Inlet Chamber	32	8.6	233	340	76	5.8	35.7	(10 ⁸) ⁷	(10 ⁶) ⁶
06/04/2025	10:00 AM	Inlet Chamber	35	8.1	232	349	78	5.7	39.5	(10 ⁸) ⁷	(10 ⁶) ⁶
07/04/2025	10:00 AM	Inlet Chamber	33	8.0	215	324	96	6.2	35.3	(10 ⁸) ⁷	(10 ⁶) ⁶
08/04/2025	10:00 AM	Inlet Chamber	27	8.2	224	348	74	6.4	43.6	(10 ⁸) ⁷	(10 ⁶) ⁶
09/04/2025	10:00 AM	Inlet Chamber	29	8.1	231	331	87	7.1	36.4	(10 ⁸) ⁷	(10 ⁶) ⁶
10/04/2025	10:00 AM	Inlet Chamber	34	8.1	226	337	80	6.2	38.8	(10 ⁸) ⁷	(10 ⁶) ⁶



11/04/2025	10:00 AM	Inlet Chamber	33	8.4	234	322	79	5.4	40.7	(10 [^]) ⁷	(10 [^]) ⁶
12/04/2025	10:00 AM	Inlet Chamber	27	8.2	247	320	76	5.5	41.5	(10 [^]) ⁷	(10 [^]) ⁶
13/04/2025	10:00 AM	Inlet Chamber	29	8.6	218	343	78	6.2	42.4	(10 [^]) ⁷	(10 [^]) ⁶
14/04/2025	10:00 AM	Inlet Chamber	34	8.5	224	334	96	6.3	35.7	(10 [^]) ⁷	(10 [^]) ⁶
15/04/2025	10:00 AM	Inlet Chamber	33	8.2	236	338	90	6.8	36.5	(10 [^]) ⁷	(10 [^]) ⁶
16/04/2025	10:00 AM	Inlet Chamber	30	8.4	214	339	90	5.5	43.7	(10 [^]) ⁷	(10 [^]) ⁶
17/04/2025	10:00 AM	Inlet Chamber	26	8.4	229	347	83	5.9	45.7	(10 [^]) ⁷	(10 [^]) ⁶
18/04/2025	10:00 AM	Inlet Chamber	25	8.4	238	319	77	5.8	40.7	(10 [^]) ⁷	(10 [^]) ⁶
19/04/2025	10:00 AM	Inlet Chamber	28	8.3	241	323	79	6.1	38.4	(10 [^]) ⁷	(10 [^]) ⁶
20/04/2025	10:00 AM	Inlet Chamber	32	8.2	251	329	84	6.4	41.7	(10 [^]) ⁷	(10 [^]) ⁶
21/04/2025	10:00 AM	Inlet Chamber	35	8.0	256	326	85	7.2	36.3	(10 [^]) ⁷	(10 [^]) ⁶
22/04/2025	10:00 AM	Inlet Chamber	30	8.6	247	322	80	7.3	42.4	(10 [^]) ⁷	(10 [^]) ⁶
23/04/2025	10:00 AM	Inlet Chamber	26	8.5	238	330	79	5.8	37.5	(10 [^]) ⁷	(10 [^]) ⁶
24/04/2025	10:00 AM	Inlet Chamber	27	8.2	229	331	76	5.7	41.6	(10 [^]) ⁷	(10 [^]) ⁶
25/04/2025	10:00 AM	Inlet Chamber	30	8.4	226	340	78	6.2	35.7	(10 [^]) ⁷	(10 [^]) ⁶
26/04/2025	10:00 AM	Inlet Chamber	32	8.1	228	344	96	6.4	40.3	(10 [^]) ⁷	(10 [^]) ⁶
27/04/2025	10:00 AM	Inlet Chamber	25	8.2	224	326	74	6.9	40.4	(10 [^]) ⁷	(10 [^]) ⁶
28/04/2025	10:00 AM	Inlet Chamber	28	8.4	230	328	87	6.2	37.5	(10 [^]) ⁷	(10 [^]) ⁶
29/04/2025	10:00 AM	Inlet Chamber	30	8.2	219	325	80	5.8	40.6	(10 [^]) ⁷	(10 [^]) ⁶
30/04/2025	10:00 AM	Inlet Chamber	32	8.3	227	329	85	5.9	40.7	(10 [^]) ⁷	(10 [^]) ⁶

May-25

Date	Time	Sampling location	Temp °C	pH	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	Total phosphate	Total Nitrogen (mg/L)	Total Coliform	Faecal Coliform (MPN/100ml)
01/05/2025	10:00 AM	Inlet Chamber	28	8.4	231	320	95	6.2	35.7	(10 [^]) ⁷	(10 [^]) ⁶
02/05/2025	10:00 AM	Inlet Chamber	32	8.3	226	343	89	6.3	36.5	(10 [^]) ⁷	(10 [^]) ⁶
03/05/2025	10:00 AM	Inlet Chamber	35	8.2	234	334	86	6.8	43.7	(10 [^]) ⁷	(10 [^]) ⁶
04/05/2025	10:00 AM	Inlet Chamber	26	8.0	247	338	85	5.5	45.7	(10 [^]) ⁷	(10 [^]) ⁶
05/05/2025	10:00 AM	Inlet Chamber	25	8.6	218	339	84	5.9	40.7	(10 [^]) ⁷	(10 [^]) ⁶
06/05/2025	10:00 AM	Inlet Chamber	28	8.5	224	347	88	5.8	41.6	(10 [^]) ⁷	(10 [^]) ⁶
07/05/2025	10:00 AM	Inlet Chamber	32	8.2	236	319	89	7.4	36.3	(10 [^]) ⁷	(10 [^]) ⁶
08/05/2025	10:00 AM	Inlet Chamber	35	8.4	214	323	80	7.2	40.6	(10 [^]) ⁷	(10 [^]) ⁶
09/05/2025	10:00 AM	Inlet Chamber	30	8.1	229	329	91	6.5	38.3	(10 [^]) ⁷	(10 [^]) ⁶
10/05/2025	10:00 AM	Inlet Chamber	33	8.2	253	326	95	6.2	43.6	(10 [^]) ⁷	(10 [^]) ⁶
11/05/2025	10:00 AM	Inlet Chamber	27	8.6	217	329	76	5.8	36.4	(10 [^]) ⁷	(10 [^]) ⁶
12/05/2025	10:00 AM	Inlet Chamber	29	8.5	218	336	78	5.2	38.8	(10 [^]) ⁷	(10 [^]) ⁶
13/05/2025	10:00 AM	Inlet Chamber	27	8.6	218	336	78	5.2	38.8	(10 [^]) ⁷	(10 [^]) ⁶
14/05/2025	10:00 AM	Inlet Chamber	29	8.5	233	347	80	5.1	40.7	(10 [^]) ⁷	(10 [^]) ⁶
15/05/2025	10:00 AM	Inlet Chamber	34	8.2	230	340	90	5.9	41.5	(10 [^]) ⁷	(10 [^]) ⁶
16/05/2025	10:00 AM	Inlet Chamber	27	8.4	241	324	81	6.7	42.4	(10 [^]) ⁷	(10 [^]) ⁶
17/05/2025	10:00 AM	Inlet Chamber	27	8.4	248	316	84	6.2	35.7	(10 [^]) ⁷	(10 [^]) ⁶
18/05/2025	10:00 AM	Inlet Chamber	27	8.0	231	317	85	6.5	36.5	(10 [^]) ⁷	(10 [^]) ⁶
19/05/2025	10:00 AM	Inlet Chamber	30	8.6	226	327	84	7.2	43.7	(10 [^]) ⁷	(10 [^]) ⁶
20/05/2025	10:00 AM	Inlet Chamber	32	8.5	234	344	81	7.3	41.5	(10 [^]) ⁷	(10 [^]) ⁶
21/05/2025	10:00 AM	Inlet Chamber	25	8.2	247	336	91	6.2	40.3	(10 [^]) ⁷	(10 [^]) ⁶
22/05/2025	10:00 AM	Inlet Chamber	28	8.4	218	339	88	6.4	39.5	(10 [^]) ⁷	(10 [^]) ⁶
23/05/2025	10:00 AM	Inlet Chamber	30	8.0	224	330	86	5.8	35.3	(10 [^]) ⁷	(10 [^]) ⁶
24/05/2025	10:00 AM	Inlet Chamber	32	8.3	236	317	89	7.1	43.6	(10 [^]) ⁷	(10 [^]) ⁶
25/05/2025	10:00 AM	Inlet Chamber	29	8.2	247	327	90	5.2	36.3	(10 [^]) ⁷	(10 [^]) ⁶
26/05/2025	10:00 AM	Inlet Chamber	34	8.0	218	344	86	6.3	42.4	(10 [^]) ⁷	(10 [^]) ⁶
27/05/2025	10:00 AM	Inlet Chamber	33	8.6	224	336	84	6.7	37.5	(10 [^]) ⁷	(10 [^]) ⁶
28/05/2025	10:00 AM	Inlet Chamber	30	8.5	236	339	86	5.3	41.6	(10 [^]) ⁷	(10 [^]) ⁶
29/05/2025	10:00 AM	Inlet Chamber	26	8.2	235	330	87	5.9	35.7	(10 [^]) ⁷	(10 [^]) ⁶
30/05/2025	10:00 AM	Inlet Chamber	29	8.4	243	325	90	6.4	40.3	(10 [^]) ⁷	(10 [^]) ⁶
31/05/2025	10:00 AM	Inlet Chamber	30	8.2	249	330	91	6.8	37.4	(10 [^]) ⁷	(10 [^]) ⁶
			27	8.4	253	335	88	7.1	37.5	(10 [^]) ⁷	(10 [^]) ⁶

Jun-25

Date	Time	Sampling location	Temp °C	pH	BOD (mg/L)	COD (mg/L)	TSS (mg/L)	Total phosphate	Total Nitrogen (mg/L)	Total Coliform	Faecal Coliform (MPN/100ml)
01/06/2025	10:00 AM	Inlet Chamber	30	8.5	248	334	76	7.3	39.5	(10 [^]) ⁷	(10 [^]) ⁶

02/06/2025	10:00 AM	Inlet Chamber	32	8.2	236	340	78	6.2	35.3	(10 [^]) ⁷	(10 [^]) ⁶
03/06/2025	10:00 AM	Inlet Chamber	25	8.4	233	329	96	6.4	43.6	(10 [^]) ⁷	(10 [^]) ⁶
04/06/2025	10:00 AM	Inlet Chamber	28	8.1	232	336	90	5.8	36.4	(10 [^]) ⁷	(10 [^]) ⁶
05/06/2025	10:00 AM	Inlet Chamber	30	8.2	215	347	87	7.1	38.8	(10 [^]) ⁷	(10 [^]) ⁶
06/06/2025	10:00 AM	Inlet Chamber	26	8.4	224	340	80	5.2	40.7	(10 [^]) ⁷	(10 [^]) ⁶
07/06/2025	10:00 AM	Inlet Chamber	25	8.0	231	324	79	6.3	41.5	(10 [^]) ⁷	(10 [^]) ⁶
08/06/2025	10:00 AM	Inlet Chamber	28	8.3	226	316	76	6.7	42.4	(10 [^]) ⁷	(10 [^]) ⁶
09/06/2025	10:00 AM	Inlet Chamber	30	8.0	234	334	78	5.3	35.7	(10 [^]) ⁷	(10 [^]) ⁶
10/06/2025	10:00 AM	Inlet Chamber	26	8.6	215	343	96	6.8	36.5	(10 [^]) ⁷	(10 [^]) ⁶
11/06/2025	10:00 AM	Inlet Chamber	25	8.5	224	337	93	5.5	43.7	(10 [^]) ⁷	(10 [^]) ⁶
12/06/2025	10:00 AM	Inlet Chamber	28	8.2	231	323	79	5.9	45.7	(10 [^]) ⁷	(10 [^]) ⁶
13/06/2025	10:00 AM	Inlet Chamber	32	8.4	226	327	76	5.8	36.3	(10 [^]) ⁷	(10 [^]) ⁶
14/06/2025	10:00 AM	Inlet Chamber	35	8.1	234	344	84	6.1	42.4	(10 [^]) ⁷	(10 [^]) ⁶
15/06/2025	10:00 AM	Inlet Chamber	30	8.2	247	336	88	6.4	37.5	(10 [^]) ⁷	(10 [^]) ⁶
16/06/2025	10:00 AM	Inlet Chamber	-	-	-	-	-	-	-	(10 [^]) ⁷	(10 [^]) ⁶
17/06/2025	10:00 AM	Inlet Chamber	-	-	-	-	-	-	-	(10 [^]) ⁷	(10 [^]) ⁶
18/06/2025	10:00 AM	Inlet Chamber	-	-	-	-	-	-	-	(10 [^]) ⁷	(10 [^]) ⁶
19/06/2025	10:00 AM	Inlet Chamber	-	-	-	-	-	-	-	(10 [^]) ⁷	(10 [^]) ⁶
20/06/2025	10:00 AM	Inlet Chamber	-	-	-	-	-	-	-	(10 [^]) ⁷	(10 [^]) ⁶
21/06/2025	10:00 AM	Inlet Chamber	-	-	-	-	-	-	-	(10 [^]) ⁷	(10 [^]) ⁶
22/06/2025	10:00 AM	Inlet Chamber	-	-	-	-	-	-	-	(10 [^]) ⁷	(10 [^]) ⁶
23/06/2025	10:00 AM	Inlet Chamber	-	-	-	-	-	-	-	(10 [^]) ⁷	(10 [^]) ⁶
24/06/2025	10:00 AM	Inlet Chamber	-	-	-	-	-	-	-	(10 [^]) ⁷	(10 [^]) ⁶
25/06/2025	10:00 AM	Inlet Chamber	-	-	-	-	-	-	-	(10 [^]) ⁷	(10 [^]) ⁶
26/06/2025	10:00 AM	Inlet Chamber	-	-	-	-	-	-	-	(10 [^]) ⁷	(10 [^]) ⁶
27/06/2025	10:00 AM	Inlet Chamber	-	-	-	-	-	-	-	(10 [^]) ⁷	(10 [^]) ⁶
28/06/2025	10:00 AM	Inlet Chamber	-	-	-	-	-	-	-	(10 [^]) ⁷	(10 [^]) ⁶
29/06/2025	10:00 AM	Inlet Chamber	-	-	-	-	-	-	-	(10 [^]) ⁷	(10 [^]) ⁶
30/06/2025	10:00 AM	Inlet Chamber	-	-	-	-	-	-	-	(10 [^]) ⁷	(10 [^]) ⁶



KAPADWANJ NAGARPALIKA

Checklist for Monitoring Performance of Sewage Treatment Plants
(STPs)

Date:	04-07-2025	Name and Designation:	BIJAL PATEL, CHIEF OFFICER
RCM Zone	AHMEDABAD	ULB/MC	KAPADWANJ

SrNo	Details	Observation	Units	Max Limits
1	Name/Location of STP	STP ,AT.SUAJEJ FARM,NADIAD ROAD, KAPADWANJ		
2	Year of Commissioning of STP	10/05/2022		
3	Ownership of STP	KAPADWANJ NAGARPALIKA		
4	Design Capacity of STP	6.20	MLD	
4.1	Present Design Capacity	6.20	MLD	
4.2	Intermediate Design Capacity	3.10	MLD	
4.3	Ultimate Design Capacity	6.20	MLD	
5	Capacity Utilisation (Please Attach SCADA report (Last 3 months report) as supporting, If No then attach details of measurement with sign and stamp of concern authority)	1	MLD	
6	O & M Carried Out By(Agency or ULB)	Agency by GWSSB		
7	Plant Functioning Timings (no of hours)	6	hours	
8	Type of STP - Please Mention Process of Sewage Treatment (i) ASP-Activated sludge process (ii) TF- Tricking filter (iii) AL-Aerated lagoon (iv) UASB-Upflow anaerobic sludge blanket (v) OP- Oxidation pond/waste stabilization ponds (vi) EA-Extended Aeration (vii) SBR-Sequential Batch Reactor (viii) MBR-Membrane Bio Reactor (ix) MBBR-Moving Bed Bio Reactor	Sequential Batch Reactor		
9	Influent Waste water Characteristics	Observation	Test Dates	
i	pH	-	-	
ii	BoD ₅ @20°C	-	-	mg/L
iii	CoD	-	-	mg/L
iv	TSS	-	-	mg/L
v	TKN	-	-	mg/L
vi	Total Phosphorous	-	-	mg/L
vii	Total Coliform	-	-	MPN/100ml
10	Point of treated water Disposal	SUAJEJ FARM		
11	By pass arrangements at STP, if any	YES		
12	Method of Sludge Disposal & Status	BY Agency		
13	Volume of Industrial Waste being mixed, if any	-		
14	Treated Sewage Quality @ Outlet of Chlorine	Observation	Test Dates	
i	pH	7.69	19.06.2025	6.5 to 9
ii	BoD ₅ @20°C	8.10	19.06.2025	Less than 10
iii	CoD	34.20	19.06.2025	Less than 50
iv	TSS	24.60	19.06.2025	Less than 10
v	NH ₄ -N			Less than 5
vi	N-Total	0.07	19.06.2025	Less than 10
vii	Total Phosphorous (PO ₄ -P)	1.40	19.06.2025	Less than 2
viii	Total Coliform	-	-	MPN/100ml 20% of FC
ix	Fecal Coliform	-	-	MPN/100ml Less than 100
x	Total Residual Chlorine	0.30	19.06.2025	mg/L 1
15	Status of Maintenance of Log Book	YES		
	-Updated Frequency			
	-Data availability Period			
16	Availability of Lab Facility	YES		
17	Name and Designation of the person carrying Out lab tests	MARS LABORATORY		
18	Any additional comment about the working of STP			



 CHIEF OFFICER
KAPADWANJ NAGARPALIKA



MaRS Enviro Research & Engineering Services Pvt. Ltd.

NABL Accredited Laboratory Certificate No. : TC-7070

Lab : Survey No. 171/1, Near Vandematram Railway Crossing, Near Shakti Estate, Opp. Kumbharvas, Gota - Jagatpur Road, Ahmedabad - 382 481.
Email : lab@marsconsultancy.com (M) : 9925043497, 9023945878

TEST REPORT

Report No.	: MaRS/MTL/2056	Report Date	: 15.05.2025
Received Date	: 06-05-25	Description of Sample	: Outlet Water
Duration of Testing	: 06-05-25 to 15-05-25	Condition of Sample	: Satisfactory
Sample ID	: MTL/2056		
Customer Name	: Executive Engineers Division Nadiyad , GWSSB		
Project Name	: 6.20 MLD Kapadwanj STP		
Name of Contractor/Agency	: Navkar Builders- Ankita Construction JV		

TEST RESULTS

Sr. No.	Parameters	Test Method	Results	Specific Limit As Per IS-10500
1	pH	IS 3025 Part-11	7.70	6.5-8.5
2	Free Residual Chlorine , mg/l	IS 3025 Part-26	0.25	Min. 0.2 mg/l
3	Total Suspended Solids, mg/l	IS 3025 Part-17	20.00	Max. 2000 mg/l
4	BOD(3 Days at 27 Degree Celcius) , mg/l	APHA 5210	7.80	Max. 250 mg/l
5	Chemical Oxygen Demand (COD), mg/l	APHA 5220	33.50	Max. 500 mg/l
6	Phosphate as PO4 , mg/l	APHA 4500	1.50	--
7	Nitrogen , mg/l	IS 3025 Part-34	0.08	Max 0.5 mg/l
8	Faecal Coliform	IS 1622:1996	Absent	100MPN/100ml

Authorized Signatory

MaRS Enviro Research & Engineering Services Pvt. Ltd.

Remarks:

1. The test report does not indicate the quality of the product or usage of product or Suitability of the Product or Material.
2. Testing was carried out as per IS Codes.
3. The test result related to the samples supplied by the client/agency.
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Email : lab@marsconsultancy.com (M) : 9925043497, 9023945878

TEST REPORT

Report No.	: MaRS/MTL/2857	Report Date	: 19.06.2025
Received Date	: 10-06-25	Description of Sample	: Outlet Water
Duration of Testing	: 10-06-25 to 19-06-25	Condition of Sample	: Satisfactory
Sample ID	: MTL/2857		
Customer Name	: Executive Engineers Division Nadiyad . GWSSB		
Project Name	: 6.20 MLD Kapadwanj STP		
Name of Contractor/Agency:	Navkar Builders- Ankita Construction JV		

TEST RESULTS

Sr. No.	Parameters	Test Method	Results	Specific Limit As Per IS-10500
1	pH	IS 3025 Part-11	7.69	6.5-8.5
2	Free Residual Chlorine , mg/l	IS 3025 Part-26	0.30	Min. 0.2 mg/l
3	Total Suspended Solids, mg/l	IS 3025 Part-17	24.60	Max. 2000 mg/l
4	BOD(3 Days at 27 Degree Celcius) , mg/l	APHA 5210	8.10	Max. 250 mg/l
5	Chemical Oxygen Demand (COD), mg/l	APHA 5220	34.20	Max. 500 mg/l
6	Phosphate as PO4 , mg/l	APHA 4500	1.40	--
7	Nitrogen , mg/l	IS 3025 Part-34	0.07	Max 0.5 mg/l
8	Faecal Coliform	IS 1622:1996	Absent	100MPN/100ml

Authorized Signatory

MaRS Enviro Research & Engineering Services Pvt. Ltd.

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Email : lab@marsconsultancy.com (M) : 9925043497, 9023945878

TEST REPORT

Report No.	: MaRS/MTL/1126	Report Date	: 13.04.2025
Received Date	: 04-04-25	Description of Sample	: Outlet Water
Duration of Testing	: 04-04-25 to 13-04-25	Condition of Sample	: Satisfactory
Sample ID	: MTL/1126		
Customer Name	: Executive Engineers Division Nadiyad . GWSSB		
Project Name	: 6.20 MLD Kapadwanj STP		
Name of Contractor/Agency:	Navkar Builders- Ankita Construction JV		

TEST RESULTS

Sr. No.	Parameters	Test Method	Results	Specific Limit As Per IS-10500
1	pH	IS 3025 Part-11	7.63	6.5-8.5
2	Free Residual Chlorine , mg/l	IS 3025 Part-26	0.23	Min. 0.2 mg/l
3	Total Suspended Solids, mg/l	IS 3025 Part-17	19.00	Max. 2000 mg/l
4	BOD(3 Days at 27 Degree Celcius) , mg/l	APHA 5210	7.60	Max. 250 mg/l
5	Chemical Oxygen Demand (COD), mg/l	APHA 5220	32.40	Max. 500 mg/l
6	Phosphate as PO ₄ , mg/l	APHA 4500	1.20	--
7	Nitrogen , mg/l	IS 3025 Part-34	0.07	Max 0.5 mg/l
8	Faecal Coliform	IS 1622:1996	Absent	100MPN/100ml

Authorized Signatory

MaRS Enviro Research & Engineering Services Pvt. Ltd.

Remarks:

1. The test report does not indicate the quality of the product or usage of product or Suitability of the Product or Material.
2. Testing was carried out as per IS Codes.
3. The test result related to the samples supplied by the client/agency.
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		6.20 MLD STP,KAPADVANJ						From Date :-						01-04-2024																			
		1-04-2024 to 30-04-2024																															
		DAILY REPORT						To Date :-						30-04-2024																			
		Serial No.		Date		Inlet Flow		Inlet Flow Totalizer		Outlet Flow		Outlet Flow Totalizer		Inlet BOD		Inlet COD		Inlet AMMONI A		Inlet Ph		Inlet TSS		Outlet BOD		Outlet COD		Outlet AMMONI A		Outlet Ph		Outlet Chlorine	
				MLD		MLD		MLD		MLD		Mg/Ltr		Mg/Ltr		Mg/Ltr		ph		Mg/Ltr		Mg/Ltr		Mg/Ltr		ph		Mg/Ltr		Mg/Ltr			
1	01-04-2024	1.14	933.22	1.12	998.32	139	390	30.26	7.49	194	7.46	29	5.08	7.89	0.65	3																	
2	02-04-2024	1.16	934.36	1.14	999.44	137	387	32.45	7.57	196	6.89	34	4.78	7.78	0.42	2																	
3	03-04-2024	1.13	935.52	1.11	1000.58	139	384	31.45	7.63	193	6.54	32	5.43	7.75	0.46	4																	
4	04-04-2024	1.15	936.65	1.13	1001.69	142	380	29.43	7.53	192	7.68	38	4.38	7.68	0.42	3																	
5	05-04-2024	1.13	937.8	1.11	1002.82	147	378	28	7.65	195	5.87	35	5.21	7.79	0.44	2																	
6	06-04-2024	1.16	938.93	1.14	1003.93	138	386	34.38	7.59	192	6.45	33	4.87	7.86	0.66	3																	
7	07-04-2024	1.13	940.09	1.11	1005.07	144	379	33	7.65	197	5.7	37	5.65	7.89	0.42	4																	
8	08-04-2024	1.14	941.22	1.12	1006.18	137	385	35	7.53	194	6.45	42	6.43	7.78	0.46	2																	
9	09-04-2024	1.13	942.36	1.11	1007.3	139	383	32.39	7.49	196	7.58	38	5.69	7.72	0.44	4																	
10	10-04-2023	1.15	943.49	1.13	1008.41	136	378	34.67	7.58	192	5.64	36	6.48	7.87	0.43	3																	
11	11-04-2024	1.16	944.64	1.14	1009.54	132	384	36	7.43	190	6.43	32	6.87	7.79	0.42	2																	
12	12-04-2024	1.13	945.8	1.11	1010.68	146	389	38	7.54	198	5.84	28	4.76	7.87	0.67	4																	
13	13-04-2024	1.17	946.93	1.15	1011.79	135	377	33	7.64	195	7.32	36	6.56	7.94	0.44	3																	
14	14-04-2024	1.15	948.1	1.13	1012.94	138	382	32.45	7.47	192	5.76	34	5.98	7.74	0.42	4																	
15	15-04-2024	1.13	949.25	1.11	1014.07	133	384	37	7.61	195	5.87	28	6.45	7.79	0.46	2																	
16	16-04-2024	1.14	950.38	1.12	1015.18	142	387	32	7.52	197	7.87	31	4.78	7.86	0.64	3																	
17	17-04-2024	1.15	951.52	1.13	1016.3	136	389	37	7.48	192	6.54	29	5.76	7.79	0.57	4																	
18	18-04-2024	1.13	952.67	1.11	1017.43	138	378	31	7.67	196	5.56	37	4.74	7.83	0.46	2																	
19	19-04-2024	1.16	953.8	1.14	1018.54	144	383	34	7.58	198	6.32	32	5.65	7.89	0.42	3																	
20	20-04-2024	1.14	954.96	1.12	1019.68	132	388	28	7.53	193	5.52	42	5.76	7.76	0.46	2																	
21	21-04-2024	1.13	956.1	1.11	1020.8	146	382	32	7.67	192	5.32	38	5.21	7.96	0.42	3																	
22	22-04-2024	1.16	944.64	1.14	1009.54	132	384	36	7.43	190	6.43	32	6.87	7.79	0.42	2																	
23	23-04-2024	1.13	945.8	1.11	1010.68	146	389	38	7.54	198	5.84	28	4.76	7.87	0.67	4																	
24	24-04-2024	1.17	946.93	1.15	1011.79	135	377	33	7.64	195	7.32	36	6.56	7.94	0.44	3																	
25	25-04-2024	1.15	948.1	1.13	1012.94	138	382	32.45	7.47	192	5.76	34	5.98	7.74	0.42	4																	
26	26-04-2024	1.13	949.25	1.11	1014.07	133	384	37	7.61	195	5.87	28	6.45	7.79	0.46	2																	
27	27-04-2024	1.14	950.38	1.12	1015.18	142	387	32	7.52	197	7.87	31	4.78	7.86	0.64	3																	
28	28-04-2024	1.15	951.52	1.13	1016.3	136	389	37	7.48	192	6.54	29	5.76	7.79	0.57	4																	
29	29-04-2024	1.13	952.67	1.11	1017.43	138	378	31	7.67	196	5.56	37	4.74	7.83	0.46	2																	
30	30-04-2024	1.16	953.8	1.14	1018.54	144	383	34	7.58	198	6.32	32	5.65	7.89	0.42	3																	

xylem Let's Solve Water		6.20 MLD STP,KAPADVANJ							From			01-05-2024				
		01-05-2024 to 31-05-2024														
		DAILY REPORT							To Date :-			31-05-2024				
Serial No.	Date	Inlet Flow	Inlet Flow Totalizer	Outlet Flow	Outlet Flow Totalizer	Inlet BOD	Inlet COD	Inlet AMMONI A	Inlet Ph	Inlet TSS	Outlet BOD	Outlet COD	Outlet AMMONI A	Outlet Ph	Outlet Chlorine	Outlet TSS
		MLD	MLD	MLD	MLD	Mg/Ltr	Mg/Ltr	Mg/Ltr	ph	Mg/Ltr	Mg/Ltr	Mg/Ltr	Mg/Ltr	ph	Mg/Ltr	Mg/Ltr
1	01-05-2024	1.14	967.57	1.12	1032.08	138	382	34	7.59	194	5.44	38.46	6.28	7.83	0.42	3
2	02-05-2024	1.17	968.71	1.15	1033.2	146	389	28	7.51	192	6.98	39.58	5.6	7.79	0.46	2
3	03-05-2024	1.16	969.88	1.14	1034.35	134	386	30.23	7.61	186	5.22	41.06	6	7.86	0.44	4
4	04-05-2024	1.15	971.04	1.13	1035.49	132	371	32	7.48	196	5.98	34	5.1	7.68	0.42	2
5	05-05-2024	1.13	972.19	1.11	1036.62	126	376	28.54	7.61	178	5.19	37	4.8	7.89	0.46	3
6	06-05-2024	1.18	973.32	1.16	1037.73	148	382	32.16	7.52	190	6.4	36	4.01	7.67	0.65	2
7	07-05-2024	1.14	974.5	1.12	1038.89	136	386	30.23	7.41	196	7.08	29	5.68	7.79	0.46	3
8	08-05-2024	1.16	975.64	1.14	1040.01	135	390	34.11	7.47	194	6.28	28	4.98	7.96	0.42	4
9	09-05-2024	1.15	976.8	1.13	1041.15	132	374	32.11	7.63	170	5.72	42	5.18	7.59	0.42	2
10	10-05-2024	1.19	977.95	1.17	1042.28	144	376	28.1	7.59	172	6.92	37	4.47	7.67	0.42	3
11	11-05-2024	1.13	979.14	1.11	1043.45	134	380	29.92	7.5	188	5.99	27	6.14	7.79	0.46	2
12	12-05-2024	1.15	980.27	1.13	1044.56	132	388	30.28	7.68	191	7.71	29	7.13	7.84	0.45	3
13	13-05-2024	1.17	981.42	1.15	1045.69	141	369	34.68	7.4	199	6.91	35	5.68	7.86	0.66	4
14	14-06-2024	1.14	982.59	1.12	1046.84	128	380	34.12	7.69	185	5.97	34.56	5.94	7.78	0.56	3
15	15-05-2024	1.17	983.73	1.15	1047.96	134	382	32	7.48	195	6.49	36	5.06	7.73	0.42	4
16	16-05-2024	1.13	984.9	1.11	1049.11	135	379	28	7.65	176	5.76	36.45	4.45	7.86	0.46	3
17	17-05-2024	1.17	986.03	1.15	1050.22	142	384	34.68	7.42	179	4.92	37	6.65	7.89	0.44	2
18	18-05-2024	1.15	987.2	1.13	1051.37	138	392	34.12	7.62	184	6.18	35	5.76	7.67	0.42	4
19	19-05-2024	1.14	988.35	1.12	1052.5	144	376	32	7.49	172	5.72	34	6.65	7.83	0.56	2
20	20-05-2024	1.16	989.49	1.14	1053.62	142	394	28	7.65	180	4.97	34.65	5.87	7.86	0.65	3
21	21-05-2024	1.12	990.65	1.11	1054.76	129	375	30	7.42	182	7.43	35.54	6.98	7.84	0.45	2
22	22-05-2024	1.14	991.77	1.12	1055.87	134	379	37.23	7.44	196	6.54	38	4.76	7.74	0.47	4
23	23-05-2024	1.13	992.91	1.11	1056.99	131	365	27.24	7.65	178	5.78	36.65	5.87	7.83	0.42	2
24	24-05-2024	1.17	994.04	1.15	1058.1	142	371	37	7.75	186	6.65	34.39	6.43	7.89	0.44	3
25	25-05-2024	1.14	995.21	1.12	1059.25	139	382	39	7.54	194	7.64	34.54	5.64	7.6	0.45	2
26	26-05-2024	1.16	996.35	1.14	1060.37	145	394	34.35	7.58	170	5.34	37	6.54	7.71	0.42	4
27	27-05-2024	1.13	997.51	1.11	1061.51	138	372	36.25	7.61	172	7.69	35.35	5.78	7.98	0.47	3
28	29-05-2024	1.16	998.64	1.14	1062.62	127	371	34.38	7.58	192	4.79	38	5.87	7.89	0.44	2
29	29-05-2024	1.13	999.8	1.11	1063.76	136	369	36.36	7.68	188	5.54	37	6.34	7.84	0.54	3
30	30-05-2024	1.15	1000.93	1.13	1064.87	129	384	29.35	7.74	195	6.43	42	6.89	7.78	0.65	4
31	31-05-2024	1.16	1002.08	1.14	1066	142	399	35.37	7.42	190	7.48	34	5.86	7.83	0.54	2

 Lets Solve Water		6.20 MLD STP,KAPADVANJ										From		01-06-2024			
		01-06-2024 to 30-06-2024															
		DAILY REPORT										To Date :-		30-06-2024			
		Serial No.	Date	Inlet Flow	Inlet Flow Totalizer	Outlet Flow	Outlet Flow Totalizer	Inlet BOD	Inlet COD	Inlet AMMONI A	Inlet Ph	Inlet TSS	Outlet BOD	Outlet COD	Outlet AMMONI A	Outlet Ph	Outlet Chlorine
		MLD	MLD	MLD	MLD	Mg/Ltr	Mg/Ltr	Mg/Ltr	ph	Mg/Ltr	Mg/Ltr	Mg/Ltr	Mg/Ltr	ph	Mg/Ltr	Mg/Ltr	
1	01-06-2024	1.13	1003.24	1.11	1067.14	128	384	36	7.59	192	6.78	32.74	6.28	7.89	0.44	2	
2	02-06-2024	1.16	1004.37	1.14	1068.25	142	390	34	7.45	180	5.38	36.42	5.55	7.75	0.42	4	
3	03-06-2024	1.14	1005.53	1.12	1069.39	134	386	32	7.65	189	5.42	34.91	6.44	7.84	0.46	2	
4	04-06-2024	1.17	1006.67	1.15	1070.51	136	389	30.22	7.54	187	6.45	35.23	5.76	7.67	0.44	5	
5	05-06-2024	1.14	1007.84	1.11	1071.66	129	387	38.64	7.68	178	5.76	37	6.76	7.85	0.65	3	
6	06-06-2024	1.15	1008.98	1.13	1072.77	138	385	28	7.59	192	6.66	34.34	7.55	7.75	0.46	4	
7	07-06-2024	1.13	1010.13	1.11	1073.9	125	386	36	7.62	195	5.87	34.72	5.45	7.84	0.45	2	
8	08-06-2024	1.14	1011.26	1.12	1075.01	142	378	30.43	7.49	189	6.65	35.43	6.75	7.95	0.46	4	
9	09-06-2024	1.16	1012.4	1.14	1076.13	134	376	32	7.59	194	4.98	32.4537	6.98	7.72	0.39	3	
10	10-06-2024	1.15	1013.56	1.13	1077.27	146	389	26.54	7.67	193	5.76	35.34	5.96	7.69	0.45	4	
11	11-06-2024	1.17	1014.71	1.15	1078.4	137	390	29.78	7.69	196	5.39	34.65	5.76	7.86	0.66	2	
12	12-06-2024	1.13	1015.88	1.11	1079.55	139	386	28.54	7.64	186	6.86	35.22	6.65	7.83	0.46	4	
13	13-06-2024	1.18	1017.01	1.16	1080.66	133	375	31.21	7.56	190	5.34	34.35	5.32	7.69	0.42	3	
14	14-06-2024	1.16	1018.19	1.14	1081.82	139	387	30	7.48	187	5.65	32.23	6.76	7.82	0.46	4	
15	15-06-2024	1.14	1019.35	1.12	1082.96	146	385	32	7.59	184	6.65	36.34	6.76	7.78	0.43	2	
16	16-06-2024	1.15	1020.49	1.13	1084.08	138	387	32.1	7.5	194	5.63	35.36	7.65	7.8	0.42	4	
17	17-06-2024	1.17	1021.64	1.15	1085.21	129	389	34.12	7.7	192	5.48	32.38	5.65	7.94	0.44	3	
18	18-06-2024	1.16	1022.81	1.14	1086.36	132	368	34.64	7.64	187	6.76	34.38	5.43	7.84	0.46	5	
19	19-06-2024	1.17	1023.97	1.15	1087.5	138	369	28.54	7.54	188	5.73	35.54	6.65	7.79	0.42	2	
20	20-06-2024	1.14	1025.14	1.12	1088.65	132	379	34.12	7.48	193	6.54	33.57	5.65	7.69	0.42	4	
21	21-06-2024	1.13	1026.28	1.11	1089.77	134	387	32.16	7.66	192	7.12	37.33	6.76	7.73	0.66	3	
22	22-06-2024	1.15	1027.41	1.13	1090.88	127	386	33.58	7.62	187	6.13	36.33	5.98	7.86	0.55	5	
23	23-06-2024	1.14	1028.56	1.12	1092.01	132	382	28.1	7.56	195	5.34	34.36	5.76	7.85	0.45	3	
24	24-06-2024	1.16	1029.7	1.14	1093.13	137	385	29.92	7.74	184	6.54	32.78	6.43	7.88	0.43	2	
25	25-06-2024	1.17	1030.86	1.15	1094.27	132	389	34.56	7.42	192	5.87	35.43	5.44	7.79	0.46	4	
26	26-06-2024	1.14	1011.26	1.12	1075.01	142	378	30.43	7.49	189	6.65	35.43	6.75	7.95	0.46	4	
27	27-06-2024	1.16	1012.4	1.14	1076.13	134	376	32	7.59	194	4.98	32.4537	6.98	7.72	0.39	3	
28	28-06-2024	1.15	1013.56	1.13	1077.27	146	389	26.54	7.67	193	5.76	35.34	5.96	7.69	0.45	4	
29	29-06-2024	1.17	1014.71	1.15	1078.4	137	390	29.78	7.69	196	5.39	34.65	5.76	7.86	0.66	2	
30	30-06-2024	1.13	1015.88	1.11	1079.55	139	386	28.54	7.64	186	6.86	35.22	6.65	7.83	0.46	4	

 Let's Solve Water		6.20 MLD STP,KAPADVANJ										From Date :-		01-07-2024			
		01-07-2024to31-07-2024															
		DAILY REPORT										To Date :-		31-07-2024			
		Serial No.	Date	Inlet Flow	Inlet Flow Totalizer	Outlet Flow	Outlet Flow Totalizer	Inlet BOD	Inlet COD	Inlet AMMONI A	Inlet Ph	Inlet TSS	Outlet BOD	Outlet COD	Outlet AMMONI A	Outlet Ph	Outlet Chlorine
		MLD	MLD	MLD	MLD	Mg/Ltr	Mg/Ltr	Mg/Ltr	ph	Mg/Ltr	Mg/Ltr	Mg/Ltr	Mg/Ltr	ph	Mg/Ltr	Mg/Ltr	
1	01-07-2024	1.08	603.47	1.06	590.35	132	386	35.5	7.89	194	5.48	35.82	6.28	7.93	0.46	4	
2	02-07-2024	1.11	604.55	1.09	590.41	135	384	36.02	7.82	192	5.35	36.42	6.33	7.83	0.46	2	
3	03-07-2024	1.21	605.66	1.19	591.6	134	382	34.05	7.45	193	5.42	34.91	6.45	7.55	0.42	4	
4	04-07-2024	1.15	606.87	1.13	592.79	138	386	35.89	7.74	194	5.68	35.23	6.46	7.89	0.46	2	
5	05-07-2024	1.2	608.01	1.18	593.92	134	382	34.01	7.69	193	5.42	36.42	6.38	7.93	0.42	2	
6	06-07-2024	1.23	609.19	1.21	595.1	136	386	35.03	7.68	195	5.46	37.11	6.39	7.96	0.42	4	
7	07-07-2024	1.18	610.42	1.16	596.31	134	384	34.03	7.69	194	5.34	36.11	6.36	7.84	0.46	2	
8	08-07-2024	1.19	611.6	1.17	597.47	135	386	35.09	7.67	192	5.44	35.17	6.42	7.89	0.46	4	
9	09-07-2024	1.15	612.79	1.13	598.64	134	384	34.88	7.68	191	5.43	34.17	6.39	7.91	0.42	2	
10	10-07-2024	1.18	613.92	1.16	599.77	136	386	35.02	7.89	193	5.42	34.33	6.38	7.96	0.46	2	
11	11-07-2024	1.19	615.1	1.17	600.93	134	384	34.55	7.78	195	5.41	34.35	6.39	7.89	0.42	4	
12	12-07-2024	1.21	616.29	1.19	602.1	134	382	34.88	7.65	194	5.43	35.39	6.42	7.96	0.46	4	
13	13-07-2024	1.22	617.5	1.2	603.29	136	384	35.03	7.66	196	5.42	35.37	6.48	7.99	0.42	2	
14	14-07-2024	1.21	618.72	1.19	604.49	134	386	35.33	7.69	194	5.43	35.42	6.49	7.89	0.42	2	
15	15-07-2024	1.23	619.93	1.21	605.68	136	384	34.88	7.68	196	5.41	35.48	6.51	7.93	0.46	2	
16	16-07-2024	1.18	621.06	1.16	606.89	134	386	35.89	7.78	194	5.44	35.46	6.48	7.94	0.42	4	
17	17-07-2024	1.19	622.24	1.17	608.05	136	384	35.88	7.74	192	5.39	35.99	6.45	7.96	0.46	4	
18	18-07-2024	1.21	623.43	1.19	609.22	134	386	34.88	7.78	194	5.36	35.38	6.48	7.94	0.42	2	
19	19-07-2024	1.19	624.64	1.17	610.41	132	384	35.23	7.56	192	5.34	35.36	6.42	7.69	0.46	4	
20	20-07-2024	1.08	625.83	1.06	611.58	134	386	35.88	7.72	194	5.32	35.44	6.44	7.88	0.42	2	
21	21-07-2024	1.11	626.91	1.09	612.64	132	384	35.42	7.42	192	5.37	34.94	6.34	7.54	0.42	2	
22	22-07-2024	1.12	628.02	1.09	613.73	132	386	35.32	7.33	194	5.38	34.98	6.42	7.78	0.46	4	
23	23-07-2024	1.09	629.14	1.07	614.82	134	384	35.44	7.42	192	5.39	34.66	6.39	7.79	0.42	2	
24	24-07-2024	1.13	630.23	1.11	615.89	136	386	35.46	7.45	194	5.36	34.74	6.38	7.89	0.46	4	
25	25-07-2024	1.14	631.36	1.12	617.01	135	384	35.42	7.48	192	5.39	34.57	6.39	7.79	0.42	4	
26	26-07-2024	1.15	632.5	1.13	618.13	136	386	35.42	7.45	194	5.38	34.58	6.34	7.77	0.46	2	
27	27-07-2024	1.23	633.65	1.21	619.26	135	384	35.36	7.51	192	5.38	34.58	6.36	7.94	0.42	2	
28	28-07-2024	1.16	634.88	1.14	620.47	136	386	35.69	7.48	194	5.36	35.04	6.39	7.88	0.46	4	
29	29-07-2024	1.19	636.04	1.17	621.61	134	384	35.38	7.46	192	5.34	35.38	6.34	7.85	0.42	2	
30	30-07-2024	1.18	637.21	1.16	622.78	136	386	35.39	7.41	193	5.38	35.37	6.35	7.82	0.46	2	
31	31-07-2024	1.21	638.39	1.19	623.94	134	384	35.36	7.42	192	5.39	35.41	6.34	7.79	0.42	4	

		6.20 MLD STP,KAPADVANJ										From Date :-		01-08-2024																			
		01-08-2024to31-08-2024																															
		DAILY REPORT										To Date :-		31-08-2024																			
		Serial No.		Date		Inlet Flow		Inlet Flow Totalizer		Outlet Flow		Outlet Flow Totalizer		Inlet BOD		Inlet COD		Inlet AMMONI A		Inlet Ph		Inlet TSS		Outlet BOD		Outlet COD		Outlet AMMONI A		Outlet Ph		Outlet Chlorine	
				MLD		MLD		MLD		MLD		Mg/Ltr		Mg/Ltr		Mg/Ltr		ph		Mg/Ltr		Mg/Ltr		Mg/Ltr		Mg/Ltr		ph		Mg/Ltr		Mg/Ltr	
1	01-08-2024	1.08	639.59	1.06	625.13	134	386	35.38	7.45	193	5.36	35.42	6.35	7.79	0.46	4																	
2	02-08-2024	1.11	640.67	1.09	626.19	136	384	35.32	7.46	192	6.39	35.43	6.38	7.78	0.42	2																	
3	03-08-2024	1.21	641.78	1.19	627.28	131	356	35.39	7.48	186	6.38	35.42	6.38	7.79	0.46	4																	
4	04-08-2024	1.25	642.99	1.23	628.47	129	384	35.32	7.56	184	6.32	35.39	6.45	7.89	0.42	4																	
5	05-08-2024	1.24	644.24	1.22	629.71	132	381	35.39	7.55	182	6.33	35.45	6.48	7.85	0.46	2																	
6	06-08-2024	1.15	645.48	1.13	630.93	134	382	35.23	7.45	184	6.34	35.48	6.47	7.89	0.42	2																	
7	07-08-2024	1.14	646.63	1.12	632.06	133	384	34.39	7.49	182	6.32	35.47	6.23	7.94	0.46	4																	
8	08-08-2024	1.16	647.75	1.14	633.18	137	387	34.47	7.78	183	6.33	35.42	6.28	7.98	0.42	2																	
9	09-08-2024	1.13	648.91	1.11	634.32	132	384	34.48	7.79	182	6.31	35.32	6.39	7.95	0.46	4																	
10	10-08-2024	1.09	650.04	1.07	635.43	134	385	34.58	7.76	184	6.32	34.36	6.34	7.96	0.42	2																	
11	11-08-2024	1.16	651.13	1.14	636.51	132	386	35.36	7.74	182	6.31	35.36	6.32	7.89	0.46	4																	
12	12-08-2024	1.13	652.29	1.11	637.65	131	387	34.23	7.71	181	5.38	35.23	6.31	7.74	0.42	2																	
13	13-08-2024	1.16	653.42	1.14	638.76	132	384	35.23	7.41	179	5.39	34.23	6.23	7.78	0.46	4																	
14	14-08-2024	1.19	654.58	1.17	639.91	134	380	31.25	7.45	178	5.28	35.28	6.47	7.75	0.46	2																	
15	15-08-2024	1.21	655.77	1.15	641.07	132	381	33.56	7.39	177	5.23	34.56	6.12	7.78	0.42	2																	
16	16-08-2024	1.23	656.98	1.21	642.22	131	379	33.38	7.45	176	5.38	34.58	6.13	7.76	0.42	4																	
17	17-08-2024	1.15	658.21	1.13	643.43	132	375	33.39	7.78	174	5.39	35.42	6.18	7.86	0.46	4																	
18	18-08-2024	1.17	659.36	1.15	644.56	128	384	33.56	7.42	182	5.32	35.48	6.12	7.84	0.42	2																	
19	19-08-2024	1.13	660.53	1.11	645.71	131	382	34.58	7.48	184	5.34	35.46	6.18	7.85	0.46	4																	
20	20-08-2024	1.14	661.66	1.12	646.84	132	384	34.56	7.46	184	5.39	35.41	6.12	7.74	0.42	2																	
21	21-08-2024	1.15	662.8	1.13	647.96	138	382	35.23	7.42	191	5.38	35.66	6.23	7.78	0.45	4																	
22	22-08-2024	1.13	663.95	1.11	649.09	132	385	35.18	7.48	192	5.39	35.68	6.25	7.82	0.48	4																	
23	23-08-2024	1.11	665.08	1.09	650.2	133	386	35.41	7.45	191	6.18	35.38	6.14	7.85	0.46	2																	
24	24-08-2024	1.19	666.19	1.16	651.29	134	384	35.15	7.42	192	5.33	35.32	6.23	7.84	0.42	2																	
25	25-08-2024	1.11	667.38	1.09	652.45	131	382	34.22	7.39	184	5.38	35.41	6.19	7.54	0.46	4																	
26	26-08-2024	1.14	668.49	1.12	653.54	132	384	35.88	7.45	182	5.36	35.69	6.21	7.89	0.42	2																	
27	27-08-2024	1.15	669.63	1.13	654.66	134	381	34.55	7.55	191	6.16	35.37	6.17	7.69	0.46	4																	
28	28-08-2024	1.12	670.18	1.11	655.79	131	382	35.16	7.49	185	5.36	35.44	6.19	7.75	0.42	2																	
29	29-08-2024	1.15	671.3	1.13	656.9	133	384	34.55	7.72	192	6.15	35.33	6.17	7.79	0.46	4																	
30	30-08-2024	1.16	672.45	1.14	658.03	134	386	35.02	7.71	193	6.19	35.38	6.19	7.89	0.42	2																	
31	31-08-2024	1.19	673.61	1.17	659.17	136	384	35.38	7.42	194	5.23	35.39	6.21	7.78	0.46	4																	

		6.20 MLD STP,KAPADVANJ										From Date :-		01-09-2024			
		01-09-2024to30-09-2024															
		DAILY REPORT										To Date :-		30-09-2024			
		Serial No.	Date	Inlet Flow	Inlet Flow Totalizer	Outlet Flow	Outlet Flow Totalizer	Inlet BOD	Inlet COD	Inlet AMMONI A	Inlet Ph	Inlet TSS	Outlet BOD	Outlet COD	Outlet AMMONI A	Outlet Ph	Outlet Chlorine
		MLD	MLD	MLD	MLD	Mg/Ltr	Mg/Ltr	Mg/Ltr	ph	Mg/Ltr	Mg/Ltr	Mg/Ltr	Mg/Ltr	ph	Mg/Ltr	Mg/Ltr	
1	01-09-2024	1.16	674.8	1.14	660.34	132	382	35.31	7.52	191	5.31	35.32	6.17	7.69	0.42	2	
2	02-09-2024	1.11	675.96	1.09	661.48	134	384	35.89	7.69	193	6.19	35.89	6.35	7.85	0.46	4	
3	03-09-2024	1.14	677.07	1.12	662.57	136	385	35.97	7.75	192	6.14	35.77	6.45	7.89	0.42	2	
4	04-09-2024	1.15	678.21	1.13	663.69	131	386	34.66	7.66	186	6.11	35.31	6.44	7.84	0.46	2	
5	05-09-2024	1.17	679.36	1.15	663.82	133	381	33.69	7.65	191	5.39	35.39	6.52	7.75	0.42	4	
6	06-09-2024	1.14	680.73	1.12	664.97	132	382	34.56	7.74	192	6.12	35.33	6.65	7.85	0.46	2	
7	07-09-2024	1.17	681.87	1.15	666.09	136	385	35.16	7.65	193	6.33	35.36	6.59	7.89	0.42	2	
8	08-09-2024	1.16	683.04	1.14	667.24	132	383	34.68	7.72	192	5.68	35.39	6.62	7.85	0.46	4	
9	09-09-2024	1.12	684.2	1.10	668.38	134	381	35.15	7.68	191	6.15	35.12	6.69	7.82	0.42	2	
10	10-09-2024	1.16	685.32	1.14	669.48	135	386	35.25	7.62	193	6.12	35.19	6.39	7.8	0.46	4	
11	11-09-2024	1.12	686.48	1.11	670.62	132	382	34.68	7.71	192	6.15	35.11	6.48	7.85	0.42	2	
12	12-09-2024	1.16	687.6	1.14	671.73	131	383	35.12	7.78	192	6.12	35.16	6.44	7.86	0.46	4	
13	13-09-2024	1.14	688.76	1.12	672.87	133	381	34.69	7.72	193	6.19	35.18	6.49	7.89	0.42	2	
14	14-09-2024	1.16	689.9	1.14	673.99	133	382	35.19	7.78	191	6.18	35.19	6.45	7.85	0.46	2	
15	15-09-2024	1.14	691.06	1.12	675.13	132	383	34.85	7.67	192	6.12	35.16	6.42	7.89	0.42	4	
16	16-09-2024	1.12	692.2	1.11	676.25	131	382	35.12	7.69	191	6.13	35.12	6.48	7.79	0.46	2	
17	17-09-2024	1.15	693.32	1.13	677.36	134	384	34.68	7.65	192	6.15	35.16	6.52	7.86	0.42	4	
18	18-09-2024	1.16	694.47	1.14	678.49	132	381	35.14	7.69	193	6.26	35.12	6.59	7.88	0.46	2	
19	19-09-2024	1.12	695.63	1.11	679.63	133	382	34.95	7.65	192	6.18	35.19	6.63	7.79	0.42	4	
20	20-09-2024	1.15	696.75	1.13	680.74	132	384	35.14	7.72	191	6.15	35.39	6.69	7.86	0.46	2	
21	21-09-2024	1.16	697.9	1.14	681.27	131	382	35.19	7.69	193	6.19	35.42	6.65	7.76	0.42	2	
22	22-09-2024	1.14	699.06	1.12	682.41	134	381	35.16	7.65	192	6.17	35.35	6.78	7.72	0.46	4	
23	23-09-2024	1.12	700.2	1.1	683.53	132	382	34.69	7.69	194	6.15	35.39	6.79	7.76	0.42	2	
24	24-09-2024	1.13	701.32	1.11	684.63	134	379	34.59	7.76	192	6.12	35.38	6.59	7.83	0.46	4	
25	25-09-2024	1.16	702.45	1.14	685.74	132	384	34.25	7.71	191	6.14	35.32	6.55	7.84	0.42	2	
26	26-09-2024	1.14	703.61	1.12	686.88	134	382	34.26	7.75	193	6.12	35.18	6.59	7.89	0.46	4	
27	27-09-2024	1.15	704.45	1.13	688	132	384	34.26	7.81	192	6.15	35.12	6.85	7.85	0.42	2	
28	28-09-2024	1.16	705.6	1.14	689.13	133	379	34.11	7.75	191	6.14	35.14	6.89	7.82	0.46	4	
29	29-09-2024	1.13	706.76	1.11	690.27	131	382	34.12	7.79	193	6.12	35.12	6.85	7.89	0.42	2	
30	30-09-2024	1.15	707.89	1.13	691.38	132	379	34.16	7.71	192	6.14	35.19	6.79	7.85	0.46	4	

		6.20 MLD STP,KAPADVANJ						From Date :-						01-10-2024		
		01-10-2024 to 31-10-2024														
		DAILY REPORT						To Date :-						31-10-2024		
		Serial No.	Date	Inlet Flow	Inlet Flow Totalizer	Outlet Flow	Outlet Flow Totalizer	Inlet BOD	Inlet COD	Inlet AMMONI A	Inlet Ph	Inlet TSS	Outlet BOD	Outlet COD	Outlet AMMONI A	Outlet Ph
		MLD	MLD	MLD	MLD	Mg/Ltr	Mg/Ltr	Mg/Ltr	ph	Mg/Ltr	Mg/Ltr	Mg/Ltr	Mg/Ltr	ph	Mg/Ltr	Mg/Ltr
1	01-10-2024	1.12	709.04	1.1	692.51	132	384	35.12	7.74	193	6.15	35.19	6.84	7.89	0.46	2
2	02-10-2024	1.14	710.16	1.12	693.61	134	386	35.16	7.82	193	6.19	35.39	6.79	7.92	0.42	4
3	03-10-2024	1.12	711.3	1.1	694.73	132	382	35.14	7.75	191	6.32	35.18	6.74	7.88	0.46	2
4	04-10-2024	1.14	712.42	1.12	695.83	135	386	35.38	7.62	194	6.16	35.16	6.71	7.85	0.42	2
5	05-10-2024	1.13	713.56	1.11	696.95	133	379	35.15	7.63	192	6.14	35.18	6.73	7.89	0.46	4
6	06-10-2024	1.16	714.69	1.14	698.06	132	384	35.19	7.7	193	6.25	35.16	6.69	7.84	0.42	2
7	07-10-2024	1.12	715.85	1.1	699.2	134	382	35.19	7.72	194	6.28	35.18	6.65	7.86	0.46	4
8	08-10-2024	1.13	716.97	1.11	700.3	133	379	35.18	7.68	192	6.29	35.26	6.53	7.79	0.42	2
9	09-10-2024	1.15	718.1	1.13	701.41	132	384	35.26	7.72	193	6.26	35.16	6.56	7.85	0.46	4
10	10-10-2024	1.16	719.25	1.14	702.54	131	382	35.39	7.73	194	6.35	35.12	6.29	7.81	0.42	2
11	11-10-2024	1.14	720.41	1.12	703.68	134	386	35.38	7.75	192	6.32	35.28	6.28	7.82	0.46	4
12	12-10-2024	1.13	721.55	1.11	704.8	132	384	35.42	7.68	194	6.39	35.21	6.29	7.84	0.42	2
13	13-10-2024	1.15	722.68	1.13	705.91	133	382	35.29	7.75	192	6.35	35.26	6.24	7.89	0.46	4
14	14-10-2024	1.16	723.83	1.14	707.04	134	386	35.36	7.69	193	6.38	35.27	6.29	7.81	0.42	4
15	15-10-2024	1.13	724.99	1.11	708.18	132	384	35.14	7.65	194	6.29	35.29	6.28	7.82	0.46	2
16	16-10-2024	1.15	726.12	1.13	709.29	133	385	35.19	7.69	192	6.19	35.19	6.24	7.89	0.42	4
17	17-10-2024	1.12	727.27	1.1	710.42	132	387	35.65	7.68	191	6.18	35.58	6.29	7.81	0.46	2
18	18-10-2024	1.14	728.39	1.12	711.52	134	384	34.58	7.71	194	6.32	35.14	6.21	7.84	0.42	4
19	19-10-2024	1.15	729.53	1.13	712.63	133	386	34.98	7.68	192	6.84	35.19	6.28	7.82	0.46	2
20	20-10-2024	1.13	730.68	1.11	713.76	132	379	34.26	7.71	193	6.79	35.13	6.21	7.85	0.42	4
21	21-10-2024	1.14	731.81	1.12	714.87	134	384	35.14	7.68	194	6.84	35.38	6.38	7.89	0.46	2
22	22-10-2024	1.13	732.95	1.11	715.99	133	382	35.19	7.65	192	6.29	35.34	6.32	7.82	0.42	4
23	23-10-2024	1.15	734.08	1.13	717.1	132	379	35.24	7.71	194	6.18	35.39	6.34	727.16	0.46	2
24	24-10-2024	1.12	735.23	1.1	718.23	134	384	35.19	7.76	192	6.15	35.28	6.38	7.84	0.42	4
25	25-10-2024	1.14	736.35	1.12	719.33	132	382	35.14	7.69	193	6.18	35.19	6.65	7.82	0.46	2
26	26-10-2024	1.13	737.49	1.11	720.45	135	379	35.19	7.72	194	6.28	35.19	6.67	7.86	0.42	2
27	27-10-2024	1.15	738.62	1.13	721.56	133	386	35.36	7.69	192	6.36	35.28	6.61	7.81	0.46	4
28	28-10-2024	1.12	739.77	1.1	722.69	134	384	34.98	7.65	193	6.54	35.22	6.38	7.84	0.42	2
29	29-10-2024	1.14	740.89	1.12	723.79	132	385	34.68	7.71	194	6.49	35.17	6.31	7.84	0.46	4
30	30-10-2024	1.16	742.03	1.14	724.91	133	386	34.51	7.65	192	6.27	35.29	6.21	7.89	0.42	2
31	31-10-2024	1.13	743.19	1.11	726.05	134	385	34.65	7.71	194	6.21	35.19	6.28	7.82	0.46	4

		6.20 MLD STP,KAPADVANJ								From Date :-				01-11-2024																	
		1-11-2024 to 30-11-2024																													
		DAILY REPORT								To Date :-				30-11-2024																	
		Serial No.		Inlet Flow		Inlet Flow Totalizer		Outlet Flow		Outlet Flow Totalizer		Inlet BOD		Inlet COD		Inlet AMMONI A		Inlet Ph		Inlet TSS		Outlet BOD		Outlet COD		Outlet AMMONI A		Outlet Ph		Outlet Chlorine	
		MLD		MLD		MLD		MLD		Mg/Ltr		Mg/Ltr		Mg/Ltr		ph		Mg/Ltr		Mg/Ltr		Mg/Ltr		ph		Mg/Ltr		Mg/Ltr			
1	01-11-2024	1.13	744.32	1.11	727.16	132	379	34.29	7.69	194	6.32	35.14	6.38	7.86	0.42	2															
2	02-11-2024	1.15	745.45	1.13	728.27	134	383	35.14	7.65	192	6.12	34.95	6.29	7.89	0.46	4															
3	03-11-2024	1.14	746.6	1.12	729.4	133	384	34.95	7.71	193	6.29	35.19	6.32	7.84	0.42	2															
4	04-11-2024	1.11	747.74	1.09	730.52	135	379	35.32	7.65	192	6.21	35.15	6.35	7.81	0.46	4															
5	05-11-2024	1.13	748.85	1.12	731.61	133	382	34.39	7.7	194	6.38	35.25	6.29	7.86	0.42	2															
6	06-11-2024	1.15	749.98	1.13	732.73	134	384	35.19	7.71	192	6.28	35.26	6.35	7.84	0.46	4															
7	07-11-2024	1.13	751.13	1.11	733.86	132	382	34.68	7.74	193	6.24	35.14	6.39	7.81	0.42	2															
8	08-11-2024	1.16	752.26	1.14	734.97	133	383	35.14	7.72	194	6.29	35.14	6.29	7.84	0.46	4															
9	09-11-2024	1.12	753.42	1.1	736.11	134	379	34.95	7.65	193	6.25	35.22	6.28	7.82	0.42	2															
10	10-11-2024	1.14	754.54	1.12	737.21	133	382	35.12	7.71	192	6.19	35.18	6.21	7.84	0.46	4															
11	11-11-2024	1.16	755.68	1.14	738.33	132	383	34.59	7.69	194	6.14	35.16	6.32	7.89	0.42	2															
12	12-11-2024	1.13	756.84	1.11	739.47	134	382	35.19	7.72	193	6.35	35.29	6.25	7.84	0.46	4															
13	13-11-2024	1.14	757.97	1.12	740.58	133	384	35.28	7.74	192	6.25	35.14	6.39	7.86	0.42	2															
14	14-11-2024	1.15	759.11	1.13	741.7	132	379	34.25	7.75	194	6.32	35.51	6.34	7.82	0.46	4															
15	15-11-2024	1.13	760.26	1.11	742.83	134	382	34.29	7.71	192	6.24	34.95	6.28	7.89	0.42	2															
16	16-11-2024	1.16	761.39	1.14	743.94	133	378	35.14	7.65	193	6.25	34.21	6.24	7.84	0.46	2															
17	17-11-2024	1.14	762.55	1.12	745.08	132	372	34.29	7.72	194	6.21	34.55	6.14	7.82	0.42	4															
18	18-11-2024	1.13	763.69	1.11	746.2	134	382	35.14	7.74	192	6.15	34.58	6.19	7.81	0.46	2															
19	19-11-2024	1.15	764.82	1.13	747.31	135	381	34.69	7.71	193	6.29	35.14	6.14	7.89	0.42	4															
20	20-11-2024	1.14	765.97	1.12	748.44	132	384	35.14	7.74	194	6.19	35.18	6.19	7.82	0.46	2															
21	21-11-2024	1.16	767.11	1.14	749.56	133	379	35.38	7.73	193	6.28	35.29	6.32	7.89	0.42	4															
22	22-11-2024	1.13	768.27	1.11	750.7	134	382	34.85	7.76	192	6.17	35.21	6.28	7.84	0.46	2															
23	23-11-2024	1.15	769.4	1.13	751.81	132	384	35.36	7.71	194	6.28	35.14	6.14	7.85	0.42	4															
24	24-11-2024	1.14	770.55	1.12	752.94	133	379	35.25	7.65	193	6.14	35.36	6.24	7.89	0.46	2															
25	25-11-2024	1.16	771.69	1.14	754.06	132	382	34.56	7.71	192	6.14	34.96	6.22	7.83	0.46	4															
26	26-11-2024	1.14	772.85	1.12	755.2	134	385	35.14	7.74	194	6.35	35.12	6.25	7.84	0.42	2															
27	27-11-2024	1.13	773.99	1.11	756.32	133	378	34.85	7.72	193	6.21	34.92	6.21	7.89	0.46	4															
28	28-11-2024	1.16	775.12	1.14	757.43	132	382	35.14	7.71	192	6.35	35.14	6.35	7.84	0.42	2															
29	29-11-2024	1.13	776.28	1.11	758.57	133	383	34.17	7.62	194	6.14	34.98	6.25	7.83	0.42	4															
30	30-11-2024	1.15	777.41	1.13	759.68	135	379	35.16	7.58	192	6.32	35.12	6.32	7.85	0.46	2															

		6.20 MLD STP,KAPADVANJ										From Date :-		01-12-2024			
		1-12-2024 to 31-12-2024															
		DAILY REPORT										To Date :-		31-12-2024			
		Serial No.	Date	Inlet Flow	Inlet Flow Totalizer	Outlet Flow	Outlet Flow Totalizer	Inlet BOD	Inlet COD	Inlet AMMONI A	Inlet Ph	Inlet TSS	Outlet BOD	Outlet COD	Outlet AMMONI A	Outlet Ph	Outlet Chlorine
		MLD	MLD	MLD	MLD	Mg/Ltr	Mg/Ltr	Mg/Ltr	ph	Mg/Ltr	Mg/Ltr	Mg/Ltr	Mg/Ltr	ph	Mg/Ltr	Mg/Ltr	
1	01-12-2024	1.13	778.56	1.11	760.81	133	382	34.92	7.63	194	6.41	35.32	6.14	7.84	0.42	4	
2	02-12-2024	1.15	779.69	1.13	761.92	134	385	35.12	7.71	192	6.52	34.98	6.26	7.89	0.46	2	
3	03-12-2024	1.14	780.84	1.12	763.05	132	379	35.35	7.68	194	6.22	35.13	6.85	7.75	0.42	4	
4	04-12-2024	1.16	781.98	1.14	764.17	133	382	34.25	7.64	193	6.29	34.92	6.45	7.86	0.46	2	
5	05-12-2024	1.13	783.14	1.11	765.31	135	383	34.95	7.59	192	6.74	35.14	6.32	7.82	0.42	4	
6	06-12-2024	1.14	784.27	1.12	766.42	132	385	35.62	7.69	194	6.21	35.23	6.24	7.86	0.46	2	
7	07-12-2024	1.15	785.41	1.13	767.54	134	382	34.69	7.72	193	6.29	34.69	6.32	7.89	0.42	4	
8	08-12-2024	1.12	786.56	1.1	768.67	135	379	35.21	7.62	192	6.32	34.68	6.42	7.84	0.42	2	
9	09-12-2024	1.15	787.68	1.13	769.77	133	384	35.69	7.71	194	6.59	34.74	6.12	7.89	0.46	4	
10	10-12-2024	1.13	788.83	1.11	770.9	132	386	35.26	7.69	192	6.25	35.21	6.24	7.94	0.42	2	
11	11-12-2024	1.16	789.96	1.14	772.01	135	382	34.65	7.65	194	6.12	35.29	6.35	7.82	0.46	4	
12	12-12-2024	1.14	791.12	1.12	773.15	133	384	35.23	7.73	193	6.39	35.16	6.29	7.89	0.42	2	
13	13-12-2024	1.13	792.26	1.11	774.27	132	382	35.24	7.53	191	6.58	35.29	6.12	7.81	0.46	4	
14	14-12-2024	1.15	793.39	1.13	775.38	134	386	35.68	7.62	194	6.32	34.96	6.32	7.89	0.42	2	
15	15-12-2024	1.13	794.54	1.11	776.51	133	379	34.95	7.75	192	6.55	35.21	6.28	7.85	0.46	2	
16	16-12-2024	1.16	795.67	1.14	777.62	135	384	35.26	7.61	193	6.29	35.23	6.22	7.86	0.46	4	
17	17-12-2024	1.14	796.83	1.12	778.76	132	382	34.96	7.63	195	6.32	35.71	6.15	7.89	0.42	2	
18	18-12-2024	1.15	797.97	1.13	779.88	134	386	35.23	7.71	194	6.59	35.29	6.62	7.83	0.46	2	
19	19-12-2024	1.13	799.12	1.11	781.01	133	382	34.95	7.65	192	6.85	35.14	6.28	7.86	0.42	4	
20	20-12-2024	1.16	800.25	1.14	782.12	135	384	35.26	7.59	193	6.23	34.96	6.22	7.84	0.46	2	
21	21-12-2024	1.14	801.41	1.12	783.26	132	379	34.82	7.66	195	6.28	35.12	6.71	7.89	0.42	4	
22	22-12-2024	1.13	802.55	1.11	784.38	133	382	35.26	7.69	194	6.84	35.26	6.23	7.88	0.46	2	
23	23-12-2024	1.15	803.68	1.13	785.49	134	384	34.59	7.66	192	6.25	35.39	6.55	7.82	0.42	4	
24	24-12-2024	1.16	804.83	1.14	786.62	132	386	35.25	7.74	194	6.32	35.65	6.59	7.85	0.46	2	
25	25-12-2024	1.14	805.99	1.12	787.76	133	382	34.95	7.69	192	6.59	35.23	6.35	7.84	0.42	4	
26	26-12-2024	1.13	807.13	1.11	888.88	134	383	35.26	7.72	194	6.39	34.95	6.29	7.89	0.46	2	
27	27-12-2024	1.15	808.26	1.13	889.99	132	381	34.69	7.74	193	6.35	35.29	6.59	7.85	0.42	4	
28	28-12-2024	1.16	809.41	1.14	891.12	135	384	35.16	7.69	192	6.29	35.26	6.29	7.84	0.46	2	
29	29-12-2024	1.14	825.91	1.12	892.26	133	386	34.89	7.65	194	6.38	35.62	6.35	7.89	0.42	4	
30	30-12-2024	1.13	827.05	1.11	893.38	136	382	35.29	7.69	193	6.28	35.39	6.29	7.81	0.46	2	
31	31-12-2024	1.16	828.18	1.14	894.39	132	378	34.29	7.64	195	6.21	34.59	6.39	7.86	0.42	4	

		6.20 MLD STP,KAPADVANJ										From Date :-		01-01-2025																			
		1-01-2025 to 31-01-2025																															
		DAILY REPORT										To Date :-		31-01-2025																			
		Serial No.		Date		Inlet Flow		Inlet Flow Totalizer		Outlet Flow		Outlet Flow Totalizer		Inlet BOD		Inlet COD		Inlet AMMONI A		Inlet Ph		Inlet TSS		Outlet BOD		Outlet COD		Outlet AMMONI A		Outlet Ph		Outlet Chlorine	
				MLD		MLD		MLD		MLD		Mg/Ltr		Mg/Ltr		Mg/Ltr		ph		Mg/Ltr		Mg/Ltr		Mg/Ltr		Mg/Ltr		ph		Mg/Ltr		Mg/Ltr	
1	01-01-2025	1.57	778.56	1.40	760.81	133	382	34.92	7.63	194	6.41	35.32	6.14	7.84	0.42	4																	
2	02-01-2025	1.58	779.69	1.41	761.92	134	385	35.12	7.71	192	6.52	34.98	6.26	7.89	0.46	2																	
3	03-01-2025	1.59	780.84	1.42	763.05	132	379	35.35	7.68	194	6.22	35.13	6.85	7.75	0.42	4																	
4	04-01-2025	1.61	781.98	1.43	764.17	133	382	34.25	7.64	193	6.29	34.92	6.45	7.86	0.46	2																	
5	05-01-2025	1.52	783.14	1.35	765.31	135	383	34.95	7.59	192	6.74	35.14	6.32	7.82	0.42	4																	
6	06-01-2025	1.54	784.27	1.37	766.42	132	385	35.62	7.69	194	6.21	35.23	6.24	7.86	0.46	2																	
7	07-01-2025	1.58	785.41	1.41	767.54	134	382	34.69	7.72	193	6.29	34.69	6.32	7.89	0.42	4																	
8	08-01-2025	1.60	786.56	1.42	768.67	135	379	35.21	7.62	192	6.32	34.68	6.42	7.84	0.42	2																	
9	09-01-2025	1.59	787.68	1.42	769.77	133	384	35.69	7.71	194	6.59	34.74	6.12	7.89	0.46	4																	
10	10-01-2025	1.54	788.83	1.37	770.9	132	386	35.26	7.69	192	6.25	35.21	6.24	7.94	0.42	2																	
11	11-01-2025	1.58	789.96	1.41	772.01	135	382	34.65	7.65	194	6.12	35.29	6.35	7.82	0.46	4																	
12	12-01-2025	1.53	791.12	1.36	773.15	133	384	35.23	7.73	193	6.39	35.16	6.29	7.89	0.42	2																	
13	13-01-2025	1.54	792.26	1.37	774.27	132	382	35.24	7.53	191	6.58	35.29	6.12	7.81	0.46	4																	
14	14-01-2025	1.57	793.39	1.40	775.38	134	386	35.68	7.62	194	6.32	34.96	6.32	7.89	0.42	2																	
15	15-01-2025	1.53	794.54	1.36	776.51	133	379	34.95	7.75	192	6.55	35.21	6.28	7.85	0.46	2																	
16	16-01-2025	1.58	795.67	1.41	777.62	135	384	35.26	7.61	193	6.29	35.23	6.22	7.86	0.46	4																	
17	17-01-2025	1.53	796.83	1.36	778.76	132	382	34.96	7.63	195	6.32	35.71	6.15	7.89	0.42	2																	
18	18-01-2025	1.56	797.97	1.39	779.88	134	386	35.23	7.71	194	6.59	35.29	6.62	7.83	0.46	2																	
19	19-01-2025	1.57	799.12	1.40	781.01	133	382	34.95	7.65	192	6.85	35.14	6.28	7.86	0.42	4																	
20	20-01-2025	1.59	800.25	1.42	782.12	135	384	35.26	7.59	193	6.23	34.96	6.22	7.84	0.46	2																	
21	21-01-2025	1.55	801.41	1.38	783.26	132	379	34.82	7.66	195	6.28	35.12	6.71	7.89	0.42	4																	
22	22-01-2025	1.55	802.55	1.38	784.38	133	382	35.26	7.69	194	6.84	35.26	6.23	7.88	0.46	2																	
23	23-01-2025	1.56	803.68	1.39	785.49	134	384	34.59	7.66	192	6.25	35.39	6.55	7.82	0.42	4																	
24	24-01-2025	1.56	804.83	1.39	786.62	132	386	35.25	7.74	194	6.32	35.65	6.59	7.85	0.46	2																	
25	25-01-2025	1.59	805.99	1.42	787.76	133	382	34.95	7.69	192	6.59	35.23	6.35	7.84	0.42	4																	
26	26-01-2025	1.53	807.13	1.36	888.88	134	383	35.26	7.72	194	6.39	34.95	6.29	7.89	0.46	2																	
27	27-01-2025	1.53	808.26	1.36	889.99	132	381	34.69	7.74	193	6.35	35.29	6.59	7.85	0.42	4																	
28	28-01-2025	1.59	809.41	1.42	891.12	135	384	35.16	7.69	192	6.29	35.26	6.29	7.84	0.46	2																	
29	29-01-2025	1.54	825.91	1.37	892.26	133	386	34.89	7.65	194	6.38	35.62	6.35	7.89	0.42	4																	
30	30-01-2025	1.53	827.05	1.36	893.38	136	382	35.29	7.69	193	6.28	35.39	6.29	7.81	0.46	2																	
31	31-01-2025	1.57	828.18	1.40	894.39	132	378	34.29	7.64	195	6.21	34.59	6.39	7.86	0.42	4																	

		6.20 MLD STP,KAPADVANJ										From Date :-		01-02-2025			
		1-02-2025 to 31-02-2025															
		DAILY REPORT										To Date :-		28-02-2025			
		Serial No.	Date	Inlet Flow	Inlet Flow Totalizer	Outlet Flow	Outlet Flow Totalizer	Inlet BOD	Inlet COD	Inlet AMMONI A	Inlet Ph	Inlet TSS	Outlet BOD	Outlet COD	Outlet AMMONI A	Outlet Ph	Outlet Chlorine
		MLD	MLD	MLD	MLD	Mg/Ltr	Mg/Ltr	Mg/Ltr	ph	Mg/Ltr	Mg/Ltr	Mg/Ltr	Mg/Ltr	ph	Mg/Ltr	Mg/Ltr	
1	01-02-2025	1.49	778.56	1.23	760.81	133	382	34.92	7.63	194	6.41	35.32	6.14	7.84	0.42	4	
2	02-02-2025	1.45	779.69	1.19	761.92	134	385	35.12	7.71	192	6.52	34.98	6.26	7.89	0.46	2	
3	03-02-2025	1.43	780.84	1.17	763.05	132	379	35.35	7.68	194	6.22	35.13	6.85	7.75	0.42	4	
4	04-02-2025	1.49	781.98	1.23	764.17	133	382	34.25	7.64	193	6.29	34.92	6.45	7.86	0.46	2	
5	05-02-2025	1.48	783.14	1.22	765.31	135	383	34.95	7.59	192	6.74	35.14	6.32	7.82	0.42	4	
6	06-02-2025	1.33	784.27	1.07	766.42	132	385	35.62	7.69	194	6.21	35.23	6.24	7.86	0.46	2	
7	07-02-2025	1.48	785.41	1.22	767.54	134	382	34.69	7.72	193	6.29	34.69	6.32	7.89	0.42	4	
8	08-02-2025	1.48	786.56	1.22	768.67	135	379	35.21	7.62	192	6.32	34.68	6.42	7.84	0.42	2	
9	09-02-2025	1.47	787.68	1.21	769.77	133	384	35.69	7.71	194	6.59	34.74	6.12	7.89	0.46	4	
10	10-02-2025	1.47	788.83	1.21	770.9	132	386	35.26	7.69	192	6.25	35.21	6.24	7.94	0.42	2	
11	11-02-2025	1.40	789.96	1.14	772.01	135	382	34.65	7.65	194	6.12	35.29	6.35	7.82	0.46	4	
12	12-02-2025	1.47	791.12	1.21	773.15	133	384	35.23	7.73	193	6.39	35.16	6.29	7.89	0.42	2	
13	13-02-2025	1.32	792.26	1.06	774.27	132	382	35.24	7.53	191	6.58	35.29	6.12	7.81	0.46	4	
14	14-02-2025	1.46	793.39	1.20	775.38	134	386	35.68	7.62	194	6.32	34.96	6.32	7.89	0.42	2	
15	15-02-2025	1.46	794.54	1.20	776.51	133	379	34.95	7.75	192	6.55	35.21	6.28	7.85	0.46	2	
16	16-02-2025	1.50	795.67	1.24	777.62	135	384	35.26	7.61	193	6.29	35.23	6.22	7.86	0.46	4	
17	17-02-2025	1.51	796.83	1.25	778.76	132	382	34.96	7.63	195	6.32	35.71	6.15	7.89	0.42	2	
18	18-02-2025	1.52	797.97	1.26	779.88	134	386	35.23	7.71	194	6.59	35.29	6.62	7.83	0.46	2	
19	19-02-2025	1.54	799.12	1.28	781.01	133	382	34.95	7.65	192	6.85	35.14	6.28	7.86	0.42	4	
20	20-02-2025	1.55	800.25	1.29	782.12	135	384	35.26	7.59	193	6.23	34.96	6.22	7.84	0.46	2	
21	21-02-2025	1.57	801.41	1.31	783.26	132	379	34.82	7.66	195	6.28	35.12	6.71	7.89	0.42	4	
22	22-02-2025	1.50	802.55	1.24	784.38	133	382	35.26	7.69	194	6.84	35.26	6.23	7.88	0.46	2	
23	23-02-2025	1.49	803.68	1.23	785.49	134	384	34.59	7.66	192	6.25	35.39	6.55	7.82	0.42	4	
24	24-02-2025	1.50	804.83	1.24	786.62	132	386	35.25	7.74	194	6.32	35.65	6.59	7.85	0.46	2	
25	25-02-2025	1.49	805.99	1.23	787.76	133	382	34.95	7.69	192	6.59	35.23	6.35	7.84	0.42	4	
26	26-02-2025	1.52	807.13	1.26	888.88	134	383	35.26	7.72	194	6.39	34.95	6.29	7.89	0.46	2	
27	27-02-2025	1.48	808.26	1.22	889.99	132	381	34.69	7.74	193	6.35	35.29	6.59	7.85	0.42	4	
28	28-02-2025	1.51	809.41	1.25	891.12	135	384	35.16	7.69	192	6.29	35.26	6.29	7.84	0.46	2	

		6.20 MLD STP,KAPADVANJ										From Date :-		01-03-2025			
		1-03-2025 to 31-03-2025															
		DAILY REPORT										To Date :-		31-03-2025			
Serial No.	Date	Inlet Flow	Inlet Flow Totalizer	Outlet Flow	Outlet Flow Totalizer	Inlet BOD	Inlet COD	Inlet AMMONI A	Inlet Ph	Inlet TSS	Outlet BOD	Outlet COD	Outlet AMMONI A	Outlet Ph	Outlet Chlorine	Outlet TSS	
		MLD	MLD	MLD	MLD	Mg/Ltr	Mg/Ltr	Mg/Ltr	ph	Mg/Ltr	Mg/Ltr	Mg/Ltr	Mg/Ltr	ph	Mg/Ltr	Mg/Ltr	
1	01-03-2025	1.14	778.56	1.05	760.81	133	382	34.92	7.63	194	6.41	35.32	6.14	7.84	0.42	4	
2	02-03-2025	1.12	779.69	1.08	761.92	134	385	35.12	7.71	192	6.52	34.98	6.26	7.89	0.46	2	
3	03-03-2025	1.17	780.84	1.10	763.05	132	379	35.35	7.68	194	6.22	35.13	6.85	7.75	0.42	4	
4	04-03-2025	1.11	781.98	1.07	764.17	133	382	34.25	7.64	193	6.29	34.92	6.45	7.86	0.46	2	
5	05-03-2025	1.15	783.14	1.10	765.31	135	383	34.95	7.59	192	6.74	35.14	6.32	7.82	0.42	4	
6	06-03-2025	1.17	784.27	1.12	766.42	132	385	35.62	7.69	194	6.21	35.23	6.24	7.86	0.46	2	
7	07-03-2025	1.14	785.41	1.07	767.54	134	382	34.69	7.72	193	6.29	34.69	6.32	7.89	0.42	4	
8	08-03-2025	1.20	786.56	1.17	768.67	135	379	35.21	7.62	192	6.32	34.68	6.42	7.84	0.42	2	
9	09-03-2025	1.15	787.68	1.10	769.77	133	384	35.69	7.71	194	6.59	34.74	6.12	7.89	0.46	4	
10	10-03-2025	1.23	788.83	1.19	770.9	132	386	35.26	7.69	192	6.25	35.21	6.24	7.94	0.42	2	
11	11-03-2025	1.18	789.96	1.16	772.01	135	382	34.65	7.65	194	6.12	35.29	6.35	7.82	0.46	4	
12	12-03-2025	1.21	791.12	1.19	773.15	133	384	35.23	7.73	193	6.39	35.16	6.29	7.89	0.42	2	
13	13-03-2025	1.14	792.26	1.12	774.27	132	382	35.24	7.53	191	6.58	35.29	6.12	7.81	0.46	4	
14	14-03-2025	1.17	793.39	1.14	775.38	134	386	35.68	7.62	194	6.32	34.96	6.32	7.89	0.42	2	
15	15-03-2025	1.22	794.54	1.20	776.51	133	379	34.95	7.75	192	6.55	35.21	6.28	7.85	0.46	2	
16	16-03-2025	1.15	795.67	1.12	777.62	135	384	35.26	7.61	193	6.29	35.23	6.22	7.86	0.46	4	
17	17-03-2025	1.18	796.83	1.16	778.76	132	382	34.96	7.63	195	6.32	35.71	6.15	7.89	0.42	2	
18	18-03-2025	1.21	797.97	1.19	779.88	134	386	35.23	7.71	194	6.59	35.29	6.62	7.83	0.46	2	
19	19-03-2025	1.10	799.12	1.06	781.01	133	382	34.95	7.65	192	6.85	35.14	6.28	7.86	0.42	4	
20	20-03-2025	1.16	800.25	1.12	782.12	135	384	35.26	7.59	193	6.23	34.96	6.22	7.84	0.46	2	
21	21-03-2025	1.19	801.41	1.18	783.26	132	379	34.82	7.66	195	6.28	35.12	6.71	7.89	0.42	4	
22	22-03-2025	1.14	802.55	1.12	784.38	133	382	35.26	7.69	194	6.84	35.26	6.23	7.88	0.46	2	
23	23-03-2025	1.18	803.68	1.17	785.49	134	384	34.59	7.66	192	6.25	35.39	6.55	7.82	0.42	4	
24	24-03-2025	1.23	804.83	1.21	786.62	132	386	35.25	7.74	194	6.32	35.65	6.59	7.85	0.46	2	
25	25-03-2025	1.16	805.99	1.15	787.76	133	382	34.95	7.69	192	6.59	35.23	6.35	7.84	0.42	4	
26	26-03-2025	1.11	807.13	1.09	888.88	134	383	35.26	7.72	194	6.39	34.95	6.29	7.89	0.46	2	
27	27-03-2025	1.18	808.26	1.17	889.99	132	381	34.69	7.74	193	6.35	35.29	6.59	7.85	0.42	4	
28	28-03-2025	1.09	809.41	1.00	891.12	135	384	35.16	7.69	192	6.29	35.26	6.29	7.84	0.46	2	
29	29-03-2025	1.21	825.91	1.18	892.26	133	386	34.89	7.65	194	6.38	35.62	6.35	7.89	0.42	4	
30	30-03-2025	1.16	827.05	1.14	893.38	136	382	35.29	7.69	193	6.28	35.39	6.29	7.81	0.46	2	
31	31-03-2025	1.19	828.18	1.17	894.39	132	378	34.29	7.64	195	6.21	34.59	6.39	7.86	0.42	4	

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		6.20 MLD STP,KAPADVANJ										From Date :-		01-04-2025			
		01-04-2025to30-04-2025										To Date :-		30-04-2025			
		DAILY REPORT															
		Serial No.	Date	Inlet Flow	Inlet Flow Totalizer	Outlet Flow	Outlet Flow Totalizer	Inlet BOD	Inlet COD	Inlet AMMONI A	Inlet Ph	Inlet TSS	Outlet BOD	Outlet COD	Outlet AMMONI A	Outlet Ph	Outlet Chlorine
		MLD	MLD	MLD	MLD	Mg/Ltr	Mg/Ltr	Mg/Ltr	ph	Mg/Ltr	Mg/Ltr	Mg/Ltr	Mg/Ltr	ph	Mg/Ltr	Mg/Ltr	
1	01-04-2025	1.12	496.38	1.10	487.39	141.00	368.00	36	7.18	192.00	7.7	24	3.65	7.36	0.64	3.00	
2	02-04-2025	1.16	497.54	1.15	488.54	136.00	374.00	32.00	7.42	184.00	6.98	28.00	4.42	7.78	0.46	4.00	
3	03-04-2025	1.19	498.73	1.18	489.72	139.00	384.00	28.00	7.82	178.00	6.20	32.00	3.90	7.52	0.58	2.00	
4	04-04-2025	1.10	499.83	1.08	490.80	138.00	380.00	39.00	7.50	194.00	5.88	36.00	4.00	7.65	0.54	3.00	
5	05-04-2025	1.14	500.97	1.11	491.91	142.00	392.00	36.00	7.00	192.00	6.21	26.00	3.78	7.28	0.46	4.00	
6	06-04-2025	1.12	502.09	1.09	493.00	132.00	384.00	34.00	7.16	178.00	6.90	28.00	4.22	7.30	0.62	3.00	
7	07-04-2025	1.17	503.26	1.16	494.16	138.00	376.00	41.00	7.41	198.00	6.40	32.52	4.90	7.57	0.67	4.00	
8	08-04-2025	1.15	504.41	1.14	495.30	128.00	380.00	30.24	7.66	194.00	7.72	41.06	4.15	7.92	0.56	2.00	
9	09-04-2025	1.19	506.60	1.17	496.47	134.00	384.00	32.00	7.58	192.00	6.84	34.00	3.90	7.74	0.48	4.00	
10	10-04-2025	1.17	507.77	1.14	497.61	136.00	382.00	28.00	7.33	184.00	6.50	32.00	4.26	7.46	0.52	3.00	
11	11-04-2025	1.08	508.85	1.00	498.61	147.00	398.00	37.12	7.24	180.00	7.26	38.00	3.50	7.38	0.64	4.00	
12	12-04-2025	1.14	509.99	1.12	499.73	142.00	390.00	35.00	7.16	194.00	6.90	30.00	4.56	7.42	0.58	3.00	
13	13-04-2025	1.11	511.10	1.09	500.82	139.00	384.00	37.00	7.48	188.00	7.10	26.00	4.32	7.36	0.62	4.00	
14	14-04-2025	1.16	512.26	1.14	501.96	134.00	382.00	30.00	6.90	178.00	6.52	22.00	3.88	7.22	0.54	2.00	
15	15-04-2025	1.15	513.41	1.12	503.08	130.00	386.00	34.00	7.72	184.00	6.90	32.00	4.20	7.92	0.68	4.00	
16	16-04-2025	1.19	514.60	1.17	504.25	138.00	370.00	32.10	7.56	190.00	7.72	42.21	3.76	7.82	0.56	3.00	
17	17-04-2025	1.11	515.71	1.09	505.34	142.00	378.00	36.00	8.00	196.00	6.76	32.00	4.44	7.68	0.62	2.00	
18	18-04-2025	1.14	516.85	1.12	506.46	134.00	382.00	32.00	7.72	194.00	7.48	26.00	4.82	7.90	0.58	4.00	
19	19-04-2025	1.19	518.04	1.17	507.63	130.00	384.00	29.00	7.60	182.00	6.54	28.00	5.00	7.82	0.44	3.00	
20	20-04-2025	1.16	519.20	1.14	508.77	140.00	380.00	36.00	7.48	190.00	6.88	26.00	3.68	7.74	0.54	2.00	
21	21-04-2025	1.21	520.41	1.20	509.97	144.00	360.00	32.64	7.84	176.00	5.82	22.00	5.21	7.68	0.49	4.00	
22	22-04-2025	1.17	521.58	1.15	511.12	138.00	378.00	34.52	7.56	194.00	6.36	28.00	4.10	7.82	0.58	3.00	
23	23-04-2025	1.12	522.70	1.09	512.21	127.00	372.00	29.78	7.32	182.00	8.00	37.12	3.88	7.60	0.61	4.00	
24	24-04-2025	1.14	523.84	1.12	513.33	142.00	376.00	27.00	8.00	174.00	7.85	35.10	3.98	7.78	0.48	4.00	
25	25-04-2025	1.22	525.06	1.20	514.53	138.00	380.00	28.00	7.58	192.00	6.98	24.00	4.01	7.68	0.34	3.00	
26	26-04-2025	1.17	526.23	1.16	515.69	126.00	388.00	38.44	7.76	198.00	7.26	42.50	3.92	7.84	0.63	2.00	
27	27-04-2025	1.10	527.33	1.08	516.77	130.00	368.00	32.58	7.80	176.00	6.42	32.00	5.00	7.96	0.54	5.00	
28	28-04-2025	1.14	528.47	1.11	517.88	140	384	34.2	7.64	170	5	34	4.92	7.86	0.48	3	
29	29-04-2025	1.11	529.58	1.08	518.96	134	374	36.42	7.42	192	6.22	28	4.86	7.68	0.38	4	
30	30-04-2025	1.16	530.74	1.15	520.11	142	360	30.56	7.52	196	5.9	20	3.42	7.7	0.61	2	

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	6.20 MLD STP, KAPADVANJ								From Date :-				01-05-2025			
	01-05-2025 TO 31-05-2025															
	DAILY REPORT								To Date :-				31-05-2025			

Serial No.	Date	Inlet Flow	Inlet Flow Totalizer	Outlet Flow	Outlet Flow Totalizer	Inlet BOD	Inlet COD	Inlet AMMONI A	Inlet Ph	Inlet TSS	Outlet BOD	Outlet COD	Outlet AMMONI A	Outlet Ph	Outlet Chlorine	Outlet TSS
		MLD	MLD	MLD	MLD	Mg/Ltr	Mg/Ltr	Mg/Ltr	ph	Mg/Ltr	Mg/Ltr	Mg/Ltr	Mg/Ltr	ph	Mg/Ltr	Mg/Ltr
1	01-05-2025	1.12	531.86	1.10	521.21	138.00	380.00	28	7.66	180.00	6.22	36	4.2	7.82	0.52	4.00
2	02-05-2025	1.15	533.01	1.14	522.35	130.00	374.00	32.00	7.34	196.00	5.60	34.00	4.00	7.58	0.49	3.00
3	03-05-2025	1.17	534.18	1.15	523.50	140.00	392.00	27.00	7.42	182.00	7.80	44.00	3.68	7.63	0.62	2.00
4	04-05-2025	1.14	535.32	1.12	524.62	134.00	360.00	36.00	7.38	180.00	6.00	20.00	4.22	7.60	0.55	4.00
5	05-05-2025	1.10	536.42	1.08	525.70	144.00	368.00	28.22	7.52	192.00	7.66	48.00	3.34	7.75	0.46	2.00
6	06-05-2025	1.18	538.60	1.17	526.87	138.00	390.00	30.00	7.32	178.00	5.98	36.00	4.42	7.16	0.52	4.00
7	07-05-2025	1.15	539.75	1.12	527.99	130.00	384.00	32.58	7.40	182.00	6.10	32.00	5.24	7.62	0.42	5.00
8	08-05-2025	1.10	540.85	1.08	529.07	141.00	392.00	26.00	7.56	192.00	5.24	29.00	4.78	7.70	0.58	3.00
9	09-05-2025	1.12	541.97	1.10	530.17	128.00	386.00	28.46	7.62	172.00	6.33	32.00	5.08	7.76	0.40	4.00
10	10-05-2025	1.06	543.03	1.00	531.00	144.00	380.00	31.21	7.18	196.00	6.01	40.31	2.96	7.42	0.66	2.00
11	11-05-2025	1.14	544.17	1.12	532.12	137.00	377.00	30.44	7.34	182.00	6.56	36.38	3.80	7.66	0.42	3.00
12	12-05-2025	1.11	545.28	1.08	533.20	140.00	384.00	26.54	7.40	190.00	5.22	34.00	4.98	7.58	0.56	4.00
13	13-05-2025	1.15	546.43	1.12	534.32	144.00	390.00	35.00	7.56	178.00	6.90	41.00	3.20	7.74	0.62	3.00
14	14-05-2025	1.17	547.60	1.16	535.48	148.00	374.00	26.00	7.69	194.00	7.08	36.24	4.62	7.82	0.55	5.00
15	15-05-2025	1.10	548.70	1.08	536.56	134.00	364.00	31.00	7.18	180.00	6.54	22.00	3.42	7.44	0.68	2.00
16	16-05-2025	1.12	549.82	1.09	537.65	142.00	392.00	36.00	7.58	176.00	5.62	26.82	4.00	7.70	0.46	3.00
17	17-05-2025	1.08	550.90	1.06	538.71	146.00	380.00	30.22	7.16	196.00	6.88	32.74	5.10	7.38	0.48	4.00
18	18-05-2025	1.14	552.04	1.11	539.82	128.00	382.00	33.56	7.54	172.00	6.92	28.00	4.84	7.66	0.55	4.00
19	19-05-2025	1.10	553.14	1.08	540.90	145.00	360.00	37.20	7.26	184.00	5.80	40.00	5.36	7.42	0.63	3.00
20	20-05-2025	1.11	511.10	1.09	500.82	139.00	384.00	37.00	7.48	188.00	7.10	26.00	4.32	7.36	0.62	4.00
21	21-05-2025	1.14	555.39	1.12	543.11	136.00	400.00	28.36	7.40	182.00	6.22	40.00	5.42	7.58	0.46	4.00
22	22-05-2025	1.18	556.57	1.16	544.27	132.00	368.00	32.58	7.55	176.00	5.18	26.00	6.00	7.72	0.51	2.00
23	23-05-2025	1.10	557.67	1.08	545.35	128.00	380.00	42.88	7.32	196.00	7.60	20.00	4.12	7.60	0.42	4.00
24	24-05-2025	1.16	558.82	1.14	546.49	136.00	376.00	34.68	7.68	170.00	6.28	28.00	4.08	7.86	0.36	3.00
25	25-05-2025	1.12	559.94	1.10	547.59	140.00	372.00	26.54	7.64	182.00	5.52	32.00	3.77	7.76	0.46	4.00
26	26-05-2025	1.20	561.14	1.18	548.77	129.00	390.00	34.12	7.58	178.00	5.92	22.00	5.18	7.72	0.42	2.00
27	27-05-2025	1.17	562.31	1.15	549.92	134.00	388.00	38.64	7.62	180.00	6.02	30.00	4.80	7.78	0.64	4.00
28	28-05-2025	1.14	563.45	1.12	551.04	142.00	374.00	32.16	7.40	172.00	5.40	39.00	5.68	7.66	0.38	3.00
29	29-05-2025	1.16	564.61	1.14	552.18	135.00	380.00	28.10	7.68	168.00	5.72	30.00	5.06	7.80	0.64	2.00
30	30-05-2025	1.22	565.83	1.20	553.38	126.00	392.00	30.00	7.48	196.00	6.92	37.00	6.14	7.82	0.60	5.00
31	31-05-2025	1.14	566.97	1.12	554.50	144.00	376.00	33.58	7.62	188.00	6.28	42.00	5.94	7.74	0.40	4.00

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	6.20 MLD STP,KAPADVANJ										From Date :-					01-06-2025				
	01-06-2025 TO 31-06-2025																			
	DAILY REPORT										To Date :-					31-06-2025				

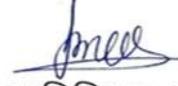
Serial No.	Date	Inlet Flow	Inlet Flow Totalizer	Outlet Flow	Outlet Flow Totalizer	Inlet BOD	Inlet COD	Inlet AMMONI A	Inlet Ph	Inlet TSS	Outlet BOD	Outlet COD	Outlet AMMONI A	Outlet Ph	Outlet Chlorine	Outlet TSS
		MLD	MLD	MLD	MLD	Mg/Ltr	Mg/Ltr	Mg/Ltr	ph	Mg/Ltr	Mg/Ltr	Mg/Ltr	Mg/Ltr	ph	Mg/Ltr	Mg/Ltr
1	01-06-2025	1.24	568.21	1.21	555.71	128.00	382.00	34	7.7	180.00	5.44	38.46	6.28	7.92	0.46	3.00
2	02-06-2025	1.14	569.35	1.12	556.83	142.00	388.00	36.00	7.46	182.00	6.18	39.58	5.60	7.76	0.54	4.00
3	03-06-2025	1.18	570.53	1.15	557.98	138.00	390.00	32.44	7.54	192.00	6.78	28.00	6.00	7.80	0.42	2.00
4	04-06-2025	1.08	571.71	1.06	559.13	146.00	380.00	30.22	7.16	196.00	6.88	32.74	5.10	7.38	0.48	4.00
5	05-06-2025	1.17	572.79	1.15	560.19	134.00	388.00	38.64	7.62	180.00	6.02	30.00	4.80	7.78	0.64	4.00
6	06-06-2025	1.22	573.96	1.20	561.34	138.00	380.00	28.00	7.58	192.00	6.98	24.00	4.01	7.68	0.34	3.00
7	07-06-2025	1.21	575.18	1.20	562.54	144.00	380.00	36.00	7.48	190.00	6.88	26.00	3.68	7.74	0.54	2.00
8	08-06-2025	1.15	576.39	1.14	563.74	128.00	380.00	30.24	7.66	194.00	7.72	41.06	4.15	7.92	0.56	2.00
9	09-06-2025	1.19	577.54	1.17	564.88	134.00	384.00	32.00	7.58	192.00	6.84	34.00	3.90	7.74	0.48	4.00
10	10-06-2025	1.11	578.73	1.08	566.05	140.00	384.00	26.54	7.40	190.00	5.22	34.00	4.98	7.58	0.56	4.00
11	11-06-2025	1.12	579.84	1.09	567.13	127.00	372.00	29.78	7.32	182.00	8.00	37.12	3.88	7.60	0.60	4.00
12	12-06-2025	1.23	580.96	1.21	568.22	1325.10	360.00	28.54	7.32	186.00	7.00	24.00	3.84	7.84	0.46	3.00
13	13-06-2025	1.06	582.19	1.00	569.43	144.00	380.00	31.21	7.18	196.00	6.01	40.31	2.96	7.42	0.66	2.00
14	14-06-2025	1.16	583.25	1.14	570.43	134.00	382.00	30.00	6.90	178.00	6.52	22.00	3.88	7.22	0.54	2.00
15	15-06-2025	1.20	584.41	1.18	571.57	129.00	390.00	34.12	7.58	178.00	5.92	22.00	5.18	7.72	0.42	2.00
16	16-06-2025	1.18	585.61	1.17	572.75	138.00	390.00	30.00	7.32	178.00	5.98	36.00	4.42	7.16	0.54	4.00
17	17-06-2025	1.16	586.79	1.15	573.92	136.00	374.00	32.00	7.42	184.00	6.98	28.00	4.42	7.78	0.46	4.00
18	18-06-2025	1.19	587.95	1.17	575.07	138.00	370.00	32.10	7.56	190.00	7.72	42.21	3.76	7.82	0.56	3.00
19	19-06-2025	1.20	589.14	1.18	576.24	129.00	390.00	34.12	7.92	178.00	5.92	22.00	5.18	7.72	0.42	2.00
20	20-06-2025	1.21	590.34	1.20	577.42	144.00	360.00	32.64	7.84	176.00	5.82	22.00	5.21	7.68	0.49	4.00
21	21-06-2025	1.22	591.55	1.20	578.62	126.00	392.00	30.00	7.48	196.00	6.92	37.00	6.14	7.82	0.60	5.00
22	22-06-2025	1.23	592.77	1.21	579.82	132.00	360.00	28.54	7.32	186.00	7.00	24.00	3.84	7.64	0.46	3.00
23	23-06-2025	1.17	594.00	1.16	581.03	148.00	374.00	26.00	7.69	194.00	7.08	36.24	4.62	7.82	0.55	5.00
24	24-06-2025	1.16	595.17	1.14	582.19	136.00	376.00	34.68	7.68	170.00	6.28	28.00	4.08	7.86	0.36	3.00
25	25-06-2025	1.14	596.33	1.12	583.33	142.00	374.00	32.16	7.40	172.00	5.40	39.00	5.68	7.66	0.38	3.00
26	26-06-2025	1.22	597.47	1.20	584.45	126.00	392.00	30.00	7.48	196.00	6.92	37.00	6.14	7.82	0.60	5.00
27	27-06-2025	1.18	598.69	1.16	585.65	144.00	376.00	33.58	7.62	188.00	6.28	42.00	5.94	7.74	0.40	4.00
28	28-06-2025	1.16	599.87	1.14	586.81	135.00	380.00	28.10	7.68	168.00	5.72	30.00	5.06	7.80	0.64	2.00
29	29-06-2025	1.23	601.03	1.21	587.95	136.00	390.00	29.92	7.77	195.00	5.99	34.00	5.08	7.90	0.54	4.00
30	30-06-2025	1.21	602.26	1.19	589.16	138.00	380.00	30.28	7.56	188.00	5.58	33.00	5.09	7.77	0.38	2.00

**Checklist for Monitoring of Performance of Sewage Treatment Plants
(STPs)**

Date:	04/07/2025	Name and Designation:	GWSSB		
RCM Zone	AHEMDABAD	ULB	THANGADH		
Sr No	Details	Observation	Units	Max Limits	
1	Name/Location of STP	GIDC AREA, THANGADH	l	9 MLD	
2	Year of Commissioning of STP	2023	l	-	
3	Ownership of STP	GWSSB	-		
4	Design Capacity of STP	9	MLD		
4.1	Present Design Capacity	2.1	MLD		
4.2	Intermediate Design Capacity	4.5	MLD		
4.3	Ultimate Design Capacity	9	MLD		
5	Capacity Utilization (Please Attach SCADA report (Last 3 months report) as supporting, If No then attach details of measurement with sign and stamp of concern authority)	7.53 (Utilization & Test)	MLD		
6	O&M Carried Out By (Agency or ULB)	YOGI CONSTRUCTION, AHMEDABAD			
7	Plant Functioning Timings (no of hours)	16 HOURS			
8	Type of STP - Please Mention Process of Sewage Treatment (i) ASP - Activated sludge process (ii) TF - Trickling filter (iii) AL - Aerated lagoon (iv) UASB - Up flow anaerobic sludge blanket (v) OP - Oxidation pond/waste stabilization ponds (vi) EA - Extended Aeration (vii) SBR – Sequential Batch Reactor (viii) MBR – Membrane Bio Reactor (ix) MBBR – Moving Bed Bio Reactor	SBR- Sequential Batch Reactor			
9	Influent Wastewater Characteristics	Observation	Test Dates		
	i pH	5.16	31/05/2025		
	ii BoD ₅ @ 20° C	236.69		mg/L	
	iii CoD	421.91		mg/L	
	iv TSS	261.18		mg/L	
	v TKN	533.18		mg/L	
	vi Total Phosphorous	-		mg/L	
	vii Total Coliform	-		MPN/100 ml	
10	Point of treated water Disposal				
11	Bypass arrangements at STP, if any	-			
12	Method of Sludge Disposal & Status	-			
13	Volume of Industrial Waste being mixed, if any	-			
14	Treated Sewage Quality @ Outlet of Chlorine	Observation	Test Dates		
	i pH	7.28	31/05/2025	6.5 to 9	
	ii BoD ₅ @ 20° C	8.89		mg/L	Less than 10
	iii CoD	47.89		mg/L	Less than 50
	iv TSS	9.52		mg/L	Less than 10
	v NH ₄ -N	3.31		mg/L	Less than 5
	vi N-Total	8.19		mg/L	Less than 10
	vii Total Phosphorus (PO ₄ -P)	-		mg/L	Less than 2
	viii Total Coliform	0.86		MPN/100 ml	20% of TC
	ix Fecal Coliform	-		MPN/100 ml	Less than 100
	x Total Residual Chlorine	-	mg/L	1	
15	Status of Maintenance of Log Book				
	- Updated Frequency	-			
	- Data availability Period	3 MONTH			
16	Availability of Lab Facility	YES			

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17	Name and Designation of the person carrying out lab tests	YOGI CONSTRUCTION,AHMEDABAD		
18	Any additional comments about the working of STP : STP OPRETED BY GWSSB (YOGI CONSTRUCTION)			



મ્યુનિસિપલ ઇજનેર
થાનગઢ નગરપાલિકા



ચીફ ઇન્જિનિયર
થાનગઢ નગરપાલિકા

PERFORMANCE DATA FOR SEWAGE TREATMENT PLANT

SEWAGE TREATMENT PLANT (STP)

MONTH:- Mar-25

Name of Work: O&M of 9 MLD Sewage Treatment Plant with SBR Technology at Thangadh.

Name of Contractor : YOGI CONSTRUCTION,AHEMEDABAD

Sr.No	Date	Primary Treatment Unit							Outlet Treatment Unit							
		PH	TSS (mg/l)	COD (mg/l)	BOD (mg/l)	NH3 (mg/l)	TOC (mg/l)	TN (mg/l)	PH	COD (mg/l)	BOD (mg/l)	TSS (mg/l)	NH3 (mg/l)	TOC (mg/l)	TN (mg/l)	CL2 (mg/l)
1	3/1/2025	5.09	253.04	408.75	229.31	709.73	240.35	517.15	7.35	36.56	6.63	10.20	3.48	7.31	8.61	0.87
2	3/2/2025	5.09	252.89	408.51	229.17	614.53	240.20	516.35	7.27	42.67	7.74	10.38	3.48	8.53	8.61	0.86
3	3/3/2025	5.09	253.04	408.75	229.31	665.43	240.35	518.29	7.22	37.70	6.84	11.91	3.47	7.54	8.58	0.89
4	3/4/2025	5.09	252.99	408.68	229.27	673.86	240.31	519.20	7.26	34.50	6.26	11.01	3.47	6.90	8.59	0.86
5	3/5/2025	5.10	253.17	408.96	229.43	362.44	240.47	517.15	7.21	41.25	7.49	9.96	3.48	8.25	8.61	0.86
6	3/6/2025	5.10	253.14	408.92	229.41	709.76	240.45	518.16	7.21	41.76	7.58	9.65	3.55	8.35	8.78	0.86
7	3/7/2025	5.10	253.26	409.11	229.51	709.74	240.55	519.17	7.21	40.91	7.42	9.60	3.53	8.18	8.74	0.86
8	3/8/2025	5.09	253.05	408.77	229.32	480.27	240.36	520.18	7.23	41.60	7.44	9.58	3.46	8.20	8.56	0.86
9	3/9/2025	5.09	252.97	408.64	229.25	214.02	240.28	521.19	7.25	45.35	8.23	9.74	3.41	9.07	8.44	0.86
10	3/10/2025	5.09	252.88	408.50	229.17	557.81	240.20	543.25	7.23	43.95	7.98	10.07	3.41	8.79	8.44	0.86
11	3/11/2025	5.09	252.83	408.43	229.12	709.70	242.15	515.18	7.24	45.11	8.19	9.58	3.40	9.02	8.43	0.86
12	3/12/2025	5.09	252.78	408.33	229.07	590.19	240.10	518.20	7.24	45.34	8.23	9.75	3.40	9.07	8.41	0.86
13	3/13/2025	5.09	252.89	408.52	229.18	648.98	240.21	515.16	7.23	43.80	7.95	9.96	3.39	8.76	8.40	0.86
14	3/14/2025	5.09	252.98	408.67	229.26	660.23	240.30	516.30	7.24	46.35	8.41	11.00	3.34	9.27	8.28	0.86
15	3/15/2025	5.09	252.91	408.55	229.20	669.97	240.23	527.07	7.24	43.52	7.90	11.31	3.33	8.70	8.25	0.86
16	3/16/2025	5.09	252.88	408.51	229.17	672.84	240.20	562.20	7.27	47.20	8.57	11.00	3.30	9.44	8.16	0.87
17	3/17/2025	5.09	252.84	408.43	229.13	675.66	240.16	528.40	7.23	45.81	8.32	10.12	3.31	9.17	8.20	0.86
18	3/18/2025	5.09	252.95	408.62	229.24	679.51	240.27	534.14	7.23	45.69	8.29	9.79	3.34	9.14	8.27	0.86
19	3/19/2025	5.09	252.82	408.40	229.11	681.25	240.14	532.17	7.24	45.80	8.31	9.92	3.33	9.16	8.24	0.86
20	3/20/2025	5.09	252.87	408.49	229.16	681.41	240.19	532.19	7.26	46.45	8.43	10.03	3.32	9.29	8.21	0.86
21	3/21/2025	5.09	252.83	408.42	229.12	681.68	240.15	533.11	7.34	46.88	8.51	9.42	3.26	9.38	8.07	0.87
22	3/22/2025	5.09	252.60	408.05	228.91	680.60	239.93	532.21	7.26	45.73	8.30	9.18	3.13	9.15	7.76	0.88
23	3/23/2025	5.09	252.73	408.25	229.03	680.35	240.05	532.00	7.24	43.77	7.95	9.25	3.30	8.75	8.17	0.86
24	3/24/2025	5.09	252.70	408.20	229.00	662.05	240.02	517.17	7.24	44.61	8.10	9.14	3.29	8.92	8.14	0.86
25	3/25/2025	5.09	252.69	408.20	229.00	650.25	240.02	508.51	7.25	45.12	8.19	9.12	3.26	9.02	8.07	0.86
26	3/26/2025	5.09	252.74	408.27	229.04	659.27	240.06	515.55	7.29	45.72	8.30	9.28	3.26	9.14	8.07	0.86
27	3/27/2025	5.09	252.61	408.06	228.92	709.71	239.94	555.00	7.33	44.49	8.08	9.45	3.25	8.90	8.05	0.87
28	3/28/2025	5.09	252.69	408.19	229.00	709.73	240.02	555.01	7.36	43.34	7.87	9.51	3.26	8.67	8.07	0.86
29	3/29/2025	5.09	252.87	408.47	229.15	317.80	240.18	248.51	7.23	43.96	7.98	9.35	3.33	8.79	8.25	0.86
30	3/30/2025	5.09	252.87	408.48	229.16	669.13	240.19	523.33	7.23	44.62	8.10	9.39	3.31	8.92	8.20	0.86
31	3/31/2025	5.09	252.83	408.41	229.12	709.74	240.15	555.00	7.24	45.54	8.27	9.51	3.31	9.11	8.20	0.86

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PERFORMANCE DATA FOR SEWAGE TREATMENT PLANT

SEWAGE TREATMENT PL PLANT (STP)

MONTH:- Apr-25

Name of Work: O&M of 9 MLD Sewage Treatment Plant with SBR Technology at Thangadh.

Name of Contractor : YOGI CONSTRUCTION,AHEMEDABAD

Sr.No	Date	Primary Treatment Unit							Outlet Treatment Unit							
		PH	TSS (mg/l)	COD (mg/l)	BOD (mg/l)	NH3 (mg/l)	TOC (mg/l)	TN (mg/l)	PH	COD (mg/l)	BOD (mg/l)	TSS (mg/l)	NH3 (mg/l)	TOC (mg/l)	TN (mg/l)	CL2 (mg/l)
1	4/1/2025	5.09	253.79	408.35	229.08	329.37	240.11	257.68	7.24	46.47	8.43	9.68	3.29	9.29	8.13	0.86
2	4/2/2025	5.09	252.86	408.47	229.15	645.06	240.18	504.42	7.24	47.12	8.55	9.86	3.28	9.42	8.12	0.86
3	4/3/2025	5.09	252.76	408.30	229.05	680.17	240.08	531.92	7.25	47.61	8.64	9.95	3.27	9.52	8.10	0.89
4	4/4/2025	5.09	252.80	408.38	229.10	686.94	240.13	537.20	7.24	48.08	8.73	10.04	3.27	9.62	8.09	0.87
5	4/5/2025	5.09	252.75	408.29	229.05	688.25	240.08	538.22	7.26	46.95	8.52	10.21	3.26	9.39	8.06	0.86
6	4/6/2025	5.09	252.74	408.28	229.04	687.80	240.07	537.91	7.26	47.71	8.66	9.88	3.26	9.54	8.07	0.86
7	4/7/2025	5.09	252.81	408.39	229.11	687.05	240.13	537.33	7.26	46.96	8.52	9.44	3.26	9.39	8.07	0.86
8	4/8/2025	5.09	252.88	408.50	229.17	688.36	240.20	538.31	7.26	47.29	8.58	9.64	3.26	9.46	8.07	0.86
9	4/9/2025	5.09	252.86	408.47	229.15	688.57	240.18	538.55	7.26	45.10	8.19	9.68	3.26	9.02	8.06	0.86
10	4/10/2025	5.09	252.92	408.56	229.20	688.29	240.23	538.22	7.26	47.10	8.55	10.38	3.26	9.42	8.03	0.86
11	4/11/2025	5.20	263.68	425.96	238.96	689.58	250.46	539.31	7.27	41.82	7.59	10.52	3.19	8.36	7.89	0.86
12	4/12/2025	5.20	263.56	425.95	238.84	689.40	250.34	539.21	7.38	45.99	8.35	8.97	3.17	9.20	7.85	0.87
13	4/13/2025	5.20	263.62	425.84	238.90	689.96	250.40	539.65	7.36	45.55	8.27	9.15	3.16	9.11	7.82	0.9
14	4/14/2025	5.20	263.72	426.01	238.99	501.61	250.50	392.33	7.38	43.64	7.92	9.10	3.14	8.73	7.76	0.87
15	4/15/2025	5.20	263.76	426.07	239.03	709.70	250.53	555.00	7.37	46.14	8.38	9.93	3.12	9.23	7.71	0.89
16	4/16/2025	5.21	263.78	426.10	239.04	688.38	250.55	538.81	7.35	46.70	8.48	9.70	3.11	9.34	7.70	0.9
17	4/17/2025	5.18	263.89	426.29	239.15	689.90	250.66	539.52	7.30	45.63	8.28	9.91	3.12	9.13	7.71	0.87
18	4/18/2025	5.17	263.96	426.39	239.21	690.01	250.72	539.61	7.29	46.77	8.49	9.86	3.06	9.35	7.58	0.86
19	4/19/2025	5.20	264.01	426.48	239.25	690.91	250.77	539.66	7.27	45.42	8.24	10.67	3.12	9.08	7.72	0.91
20	4/20/2025	5.15	263.94	426.37	239.19	689.94	250.70	539.55	7.28	47.20	8.57	9.94	3.05	9.44	7.56	0.88
21	4/21/2025	5.21	263.93	426.35	239.18	690.01	250.66	539.66	7.34	47.44	8.61	9.75	3.11	9.49	7.69	0.87
22	4/22/2025	5.16	263.84	426.21	239.10	689.80	250.61	539.44	7.27	48.40	8.78	9.62	3.10	9.68	7.71	0.86
23	4/23/2025	5.18	263.85	426.22	239.11	689.92	250.62	539.52	7.26	48.70	8.84	9.95	3.12	9.74	7.73	0.86
24	4/24/2025	5.19	263.80	426.14	239.06	690.00	250.77	539.66	7.31	49.04	8.90	10.16	3.11	9.81	7.70	0.87
25	4/25/2025	5.14	263.87	426.18	239.56	692.52	250.33	536.65	7.26	46.53	8.45	9.86	3.10	9.78	7.65	0.89
26	4/26/2025	5.20	263.68	425.95	238.95	690.05	250.45	539.66	7.30	48.83	8.86	10.37	3.08	9.77	7.67	0.86
27	4/27/2025	5.16	263.61	425.84	238.90	690.04	250.39	533.96	7.28	49.79	9.04	10.45	3.11	9.96	7.69	0.9
28	4/28/2025	5.20	263.51	425.67	238.80	689.99	250.30	539.66	7.29	44.92	8.15	9.07	3.09	8.98	7.70	0.86
29	29-04-205	5.20	263.45	425.58	238.75	689.56	250.94	539.22	7.28	45.39	8.24	9.12	3.10	9.08	7.66	0.87
30	4/30/2025	5.18	263.50	425.66	238.79	689.48	250.29	593.23	7.29	45.77	8.31	9.35	3.11	9.15	7.71	0.86

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PERFORMANCE DATA FOR SEWAGE TREATMENT PLANT

SEWAGE TREATMENT PL PLANT (STP)

MONTH:- May-25

Name of Work: O&M of 9 MLD Sewage Treatment Plant with SBR Technology at Thangadh.

Name of Contractor : YOGI CONSTRUCTION,AHEMEDABAD

Sr.No	Date	Primary Treatment Unit							Outlet Treatment Unit							
		PH	TSS (mg/l)	COD (mg/l)	BOD (mg/l)	NH3 (mg/l)	TOC (mg/l)	TN (mg/l)	PH	COD (mg/l)	BOD (mg/l)	TSS (mg/l)	NH3 (mg/l)	TOC (mg/l)	TN (mg/l)	CL2 (mg/l)
1	5/1/2025	5.18	263.48	425.61	238.77	689.27	250.26	539.00	7.29	45.85	8.32	9.39	3.09	9.17	7.64	0.87
2	5/2/2025	5.20	263.44	425.56	238.74	687.58	250.23	537.77	7.31	46.00	8.35	9.40	3.12	9.20	7.72	0.86
3	5/3/2025	5.16	263.37	425.44	238.67	686.04	250.16	536.52	7.33	46.16	8.38	9.53	3.03	9.23	7.50	0.89
4	5/4/2025	5.18	263.26	425.26	238.57	685.31	250.05	535.92	7.30	47.07	8.54	9.74	3.10	9.41	7.66	0.86
5	5/5/2025	5.20	263.24	425.23	238.55	688.93	250.03	538.77	7.29	46.72	8.48	9.85	3.09	9.34	7.66	0.86
6	5/6/2025		CURENT		PROBLEM			CURENT		PROBLEM			CURENT		PROBLEM	
7	5/7/2025		CURENT		PROBLEM			CURENT		PROBLEM			CURENT		PROBLEM	
8	5/8/2025	5.20	263.29	425.31	238.60	690.03	250.08	539.62	7.54	45.92	8.33	9.25	3.11	9.18	7.70	0.88
9	5/9/2025	5.20	263.19	425.15	238.51	690.08	249.99	539.22	7.63	45.35	8.23	9.37	3.12	9.07	7.72	0.9
10	5/10/2025	5.19	263.12	425.04	238.45	690.04	249.77	545.15	7.48	44.51	8.08	9.46	3.03	8.90	7.69	0.87
11	5/11/2025	5.19	263.05	424.92	238.38	690.14	249.85	539.72	7.28	46.44	8.43	9.34	3.14	9.29	7.77	0.86
12	5/12/2025	5.16	262.99	424.83	238.33	690.17	249.80	538.21	7.27	45.85	8.32	9.65	3.17	9.17	7.86	0.87
13	5/13/2025	5.18	262.86	424.62	238.21	690.13	249.68	533.12	7.26	45.97	8.34	9.66	3.18	9.19	7.87	0.86
14	5/14/2025	5.19	262.83	424.57	238.18	690.14	249.65	539.18	7.27	40.17	7.29	9.83	3.20	8.03	7.91	0.9
15	5/15/2025	5.18	262.75	424.44	238.11	690.13	249.57	538.22	7.28	46.80	8.49	9.61	3.19	9.36	7.69	0.86
16	5/16/2025	5.14	262.76	424.45	238.12	690.17	249.58	530.05	7.27	46.39	8.42	9.53	3.20	9.28	7.91	0.87
17	5/17/2025	5.15	262.68	424.33	238.05	690.23	249.51	538.81	7.25	48.27	8.76	10.32	3.19	9.65	7.90	0.89
18	5/18/2025	5.19	262.59	424.18	237.97	690.20	249.42	539.70	7.28	48.43	8.79	10.21	3.18	9.15	7.80	0.15
19	5/19/2025	5.19	262.71	424.37	238.07	639.77	249.53	500.03	7.27	47.33	8.59	9.70	3.23	9.47	7.98	0.86
20	5/20/2025	5.19	262.50	424.04	237.88	689.72	249.33	539.44	7.28	47.80	8.68	9.82	3.22	9.56	7.54	0.87
21	5/21/2025	5.18	262.32	423.75	237.73	690.07	249.17	539.66	7.27	47.02	8.53	9.79	3.16	9.40	7.83	0.86
22	5/22/2025	5.18	262.20	423.55	237.61	690.15	249.05	539.28	7.26	47.57	8.63	9.84	3.24	9.51	7.83	0.86
23	5/23/2025	5.16	261.87	423.02	237.32	690.10	248.74	539.44	7.28	47.55	8.63	9.66	3.25	9.45	8.03	0.87
24	5/24/2025	5.20	261.77	422.86	237.23	690.15	248.64	539.20	7.29	47.93	8.70	9.57	3.15	9.59	8.06	0.9
25	5/25/2025	5.15	261.65	422.66	237.11	690.07	248.53	539.62	7.31	48.04	8.72	9.54	3.27	9.61	7.91	0.89
26	5/26/2025	5.18	261.49	422.41	236.97	690.09	248.38	538.40	7.28	47.56	8.63	9.61	3.25	9.52	8.06	0.87
27	5/27/2025	5.16	261.52	422.46	237.00	690.08	248.40	520.41	7.29	44.13	8.01	9.60	3.27	8.83	8.10	0.86
28	5/28/2025	5.18	261.49	422.40	236.97	690.15	248.37	539.72	7.28	48.99	8.99	10.51	3.31	9.80	8.19	0.86
29	5/29/2025	5.14	261.45	422.34	236.93	690.10	248.36	533.22	7.29	49.34	8.96	8.16	3.25	9.87	8.16	0.86
30	5/30/2025	5.15	261.26	422.09	236.79	690.15	248.19	542.31	7.33	47.95	8.70	9.56	3.04	9.59	7.53	0.87
31	5/31/2025	5.16	261.18	421.91	236.69	690.10	248.08	533.18	7.28	47.89	8.89	9.52	3.31	9.58	8.19	0.86

PERFORMANCE DATA FOR SEWAGE TREATMENT PLANT

SEWAGE TREATMENT PLANT (STP)

Name of work : Operation & maintenance of 9 MLD Sewage Treatment Plant with SBR Technology at Thangadh.

Name of Contractor : YOGI CONSTRUCTION, AHMEDABAD

FOR THE MONTH OF:- MARCH
FOR THE YEAR OF:- 2025

Sr.No	Date	INLET FLOW									OUTLET FLOW		
		MORNING			EVENING			FLOW	TOTAL FLOW	FLOW CUBIC MEATER	FLOW MLD	CUBIC MEATER PER DAY	TOTAL FLOW MLD
		ON	OFF	TOTAL HOUR	ON	OFF	TOTAL HOUR	M3/HR	PER/DAY				
1	3/1/2025	8:28	12:50	4:22	3:12	8:12	5:00	837.56	9:22	7722.3	7.72	7706.3	7.7
2	3/2/2025	8:10	12:48	4:38	3:25	7:58	4:33	826.68	9:11	7531.05	7.53	7495.05	7.49
3	3/3/2025	8:06	12:40	4:30	3:16	7:55	4:42	831.29	9:32	7581.36	7.58	7543.36	7.54
4	3/4/2025	8:02	12:50	4:22	3:12	8:12	5:00	835.45	9:22	7702.84	7.7	7665.84	7.66
5	3/5/2025	8:02	12:38	4:36	3:02	7:40	4:38	833.24	9:14	7615.81	7.61	7579.81	7.57
6	3/6/2025	8:15	12:48	4:33	3:00	7:35	4:35	832.51	9:08	7559.19	7.55	7522.19	7.52
7	3/7/2025	8:02	12:38	4:36	3:02	7:40	4:38	830.12	9:14	7587.29	7.58	7549.29	7.54
8	3/8/2025	8:00	12:37	4:37	3:05	7:48	4:43	831.16	9:20	7646.67	7.64	7608.67	7.6
9	3/9/2025	8:30	12:57	4:27	3:17	7:55	4:38	835.75	9:05	7563.53	7.56	7528.53	7.52
10	3/10/2025	8:15	12:50	4:35	3:10	7:40	4:30	833.56	9:05	7543.71	7.54	7507.71	7.5
11	3/11/2025	8:20	12:58	4:38	3:25	7:58	4:33	832.14	9:11	7580.79	7.58	7543.79	7.54
12	3/12/2025	8:03	12:35	4:32	3:17	7:57	4:40	833.45	9:12	7601.06	7.6	7565.06	7.56
13	3/13/2025	8:05	12:40	4:35	3:20	7:55	4:35	834.18	9:10	7591.03	7.59	7554.03	7.55
14	3/14/2025	8:07	12:42	4:35	3:15	7:52	4:37	833.85	9:12	7604.71	7.6	7568.71	7.56
15	3/15/2025	8:08	12:42	4:34	3:02	7:38	4:36	834.25	9:10	7591.67	7.59	7553.67	7.55
16	3/16/2025	8:15	12:55	4:40	3:27	7:58	4:31	835.45	9:11	7610.94	7.61	7570.94	7.57
17	3/17/2025	8:02	12:38	4:36	3:02	7:40	4:38	835.48	9:14	7636.28	7.63	7595.28	7.59
18	3/18/2025	8:05	12:45	4:40	3:15	7:48	4:33	836.12	9:13	7633.77	7.63	7595.77	7.59
19	3/19/2025	8:00	12:36	4:36	3:11	7:48	4:37	836.45	9:13	7636.78	7.63	7598.78	7.59
20	3/20/2025	8:11	12:48	4:37	3:02	7:40	4:38	834.48	9:15	7635.49	7.63	7598.49	7.59
21	3/21/2025	8:20	12:57	4:37	3:15	7:55	4:40	834.42	9:17	7651.63	7.65	7615.63	7.61
22	3/22/2025	7:50	12:30	4:40	3:10	7:45	4:35	832.14	9:20	7655.68	7.65	7620.68	7.62
23	3/23/2025	8:02	12:47	4:45	3:04	7:40	4:36	833.54	9:21	7676.9	7.67	7639.9	7.63
24	3/24/2025	8:15	12:55	4:40	3:15	8:58	4:43	834.45	9:23	7701.97	7.7	7663.97	7.66
25	3/25/2025	8:00	12:37	4:37	3:05	7:48	4:43	831.16	9:20	7646.67	7.64	7608.67	7.6
26	3/26/2025	8:20	12:55	4:35	3:10	7:58	4:48	835.28	9:23	7709.63	7.7	7669.63	7.66
27	3/27/2025	8:03	12:48	4:45	4:12	8:52	4:40	834.17	9:25	7716.07	7.71	7678.07	7.76
28	3/28/2025	9:15	1:45	4:30	3:03	7:45	4:42	836.45	9:12	7628.42	7.62	7591.42	7.59
29	3/29/2025	7:00	11:45	4:45	4:00	8:30	4:30	838.97	9:15	7676.57	7.67	7638.57	7.63
30	3/30/2025	8:05	12:48	4:43	3:12	7:55	4:43	834.21	9:26	7716.44	7.71	7679.44	7.67
31	3/31/2025	8:30	12:57	4:27	3:17	7:55	4:38	835.75	9:05	7563.53	7.56	7528.53	7.52

PERFORMANCE DATA FOR SEWAGE TREATMENT PLANT

SEWAGE TREATMENT PLANT (STP)

Name of work : Operation & maintainance of 9 MLD Sewage Treatment Plant with SBR Technology at Thangadh.

Name of Contractor : YOGI CONSTRUCTION, AHMEDABAD

FOR THE MONTH OF:- Apr-25

FOR THE YEAR OF:- 2025

Sr.No	Date	INLET FLOW								OUTLET FLOW			
		MORNING			EVENING			FLOW	TOTAL FLOW	FLOW CUBIC MEATER	FLOW MLD	CUBIC MEATER PER DAY	TOTAL FLOW MLD
		ON	OFF	TOTAL HOUR	ON	OFF	TOTAL HOUR	M3/HR	PER/DAY				
1	4/1/2025	8:02	12:45	4:43	3:00	7:08	4:45	841.56	9:20	7742.35	7.74	7726.35	7.72
2	4/2/2025	8:05	12:35	4:30	3:18	7:50	4:32	851.45	9:02	7680.07	7.68	7663.07	7.66
3	4/3/2025	8:07	12:45	4:38	3:14	7:58	4:44	825.18	9:22	7608.15	7.6	7592.15	7.59
4	4/4/2025	7:00	11:45	4:45	4:00	8:30	4:30	838.97	9:15	7676.57	7.67	7638.57	7.63
5	4/5/2025	8:10	12:50	4:40	3:00	7:45	4:45	835.35	9:25	7726.98	7.72	7688.98	7.68
6	4/6/2025	9:05	1:48	4:43	4:13	9:00	4:47	833.18	9:30	7748.57	7.74	7713.57	7.71
7	4/7/2025	6:10	10:55	4:45	2:02	7:02	5:00	822.51	9:45	7772.71	7.77	7732.71	7.73
8	4/8/2025	6:30	12:00	5:30	4:15	8:18	4:03	825.65	9:33	7703.31	7.7	7665.31	7.66
9	4/9/2025	8:20	12:48	4:28	3:05	8:08	5:03	828.86	9:31	7716.68	7.71	7677.68	7.67
10	4/10/2025	8:18	12:48	4:30	3:15	7:52	4:37	835.68	9:07	7579.61	7.57	7551.61	7.55
11	4/11/2025	8:10	12:48	4:38	3:01	7:48	4:47	824.54	9:25	7626.99	7.62	7593.99	7.59
12	4/12/2025	8:02	12:45	4:43	3:00	7:08	4:45	841.56	9:20	7742.35	7.74	7707.35	7.7
13	4/13/2025	8:03	12:48	4:45	4:12	8:52	4:40	834.17	9:25	7716.07	7.71	7678.07	7.76
14	4/14/2025	8:11	12:48	4:37	3:02	7:40	4:38	834.48	9:15	7635.49	7.63	7607.49	7.6
15	4/15/2025	8:07	12:45	4:38	3:10	7:45	4:35	831.48	9:13	7591.42	7.59	7561.42	7.56
16	4/16/2025	8:20	12:58	4:38	3:25	7:58	4:33	826.68	9:11	7531.05	7.53	7496.05	7.49
17	4/17/2025	8:05	12:48	4:43	3:12	7:55	4:43	834.21	9:26	7716.44	7.71	7679.44	7.67
18	4/18/2025	8:06	12:40	4:34	3:16	7:55	4:39	838.58	9:13	7656.23	7.65	7621.23	7.62
19	4/19/2025	8:00	12:30	4:30	3:05	7:58	4:53	833.29	9:23	7691.26	7.69	7656.26	7.65
20	4/20/2025	8:12	12:46	4:34	3:30	8:10	4:40	837.45	9:13	7645.91	7.64	7675.91	7.67
21	4/21/2025	7:05	12:00	4:55	3:15	7:50	4:35	834.15	9:30	7757.59	7.75	7727.59	7.72
22	4/22/2025	7:00	11:40	4:40	4:12	8:50	4:38	836.89	9:18	7682.65	7.68	7652.65	7.65
23	4/23/2025	7:30	12:00	4:30	4:00	8:40	4:40	838.32	9:10	7628.71	7.62	7598.71	7.59
24	4/24/2025	7:10	12:00	4:50	6:15	10:55	4:40	835.25	9:30	7767.82	7.76	7732.82	7.73
25	4/25/2025	7:00	12:05	5:05	4:10	8:30	4:20	835.78	9:25	7730.96	7.73	7692.96	7.69
26	4/26/2025	8:11	12:48	4:37	3:02	7:40	4:38	835.12	9:15	7641.34	7.64	7613.34	7.61
27	4/27/2025	8:20	12:58	4:38	3:25	7:58	4:33	837.86	9:11	7632.9	7.63	7594.9	7.59
28	4/28/2025	8:20	12:57	4:37	3:15	7:55	4:40	833.89	9:17	7646.77	7.64	7615.77	7.61
29	4/29/2025	7:00	11:45	4:45	4:00	8:30	4:30	835.89	9:15	7648.39	7.64	7620.39	7.62
30	4/30/2025	8:10	12:48	4:38	3:01	7:48	4:47	830.15	9:25	7678.88	7.67	7647.88	7.64

PERFORMANCE DATA FOR SEWAGE TREATMENT PLANT

SEWAGE TREATMENT PLANT (STP)

Name of work : Operation & maintenance of 9 MLD Sewage Treatment Plant with SBR Technology at Thangadh.

Name of Contractor : YOGI CONSTRUCTION, AHMEDABAD

FOR THE MONTH OF:- MAY
FOR THE YEAR OF:- 2025

Sr.No	Date	INLET FLOW								OUTLET FLOW			
		MORNING			EVENING			FLOW	TOTAL FLOW	FLOW CUBIC MEATER	FLOW MLD	CUBIC MEATER PER DAY	TOTAL FLOW MLD
		ON	OFF	TOTAL HOUR	ON	OFF	TOTAL HOUR	M3/HR	PER/DAY				
1	5/1/2025	7:30	12:00	4:30	4:00	8:40	4:40	838.32	9:10	7628.71	7.62	7598.71	7.59
2	5/2/2025	8:08	12:40	4:32	3:12	7:45	4:33	836.89	9:05	7573.85	7.57	7556.85	7.55
3	5/3/2025	7:00	11:45	4:45	4:00	8:30	4:30	838.97	9:15	7676.57	7.67	7638.57	7.63
4	5/4/2025	9:15	1:45	4:30	3:03	7:45	4:42	836.45	9:12	7628.42	7.62	7591.42	7.59
5	5/5/2025	8:10	12:48	4:38	3:01	7:48	4:47	830.15	9:25	7678.88	7.67	7647.88	7.64
6	5/6/2025	CURRENT	PROBLEM				CURRENT	PROBLEM			CURRENT	PROBLEM	
7	5/7/2025	CURRENT	PROBLEM				CURRENT	PROBLEM			CURRENT	PROBLEM	
8	5/8/2025	8:03	12:45	4:42	3:10	7:56	4:46	831.56	9:28	7716.87	7.71	7682.87	7.68
9	5/9/2025	8:03	12:35	4:32	3:17	7:57	4:40	835.78	9:12	7622.31	7.62	7594.31	7.59
10	5/10/2025	8:02	12:45	4:43	3:00	7:08	4:45	835.76	9:20	7688.99	7.68	7657.99	7.65
11	5/11/2025	8:06	12:40	4:34	3:16	7:55	4:39	836.8	9:13	7639.98	7.63	7610.98	7.61
12	5/12/2025	8:20	12:55	4:35	4:05	8:15	4:10	833.65	8:45	7044.34	7.04	7014.34	7.01
13	5/13/2025	8:05	12:53	4:52	4:25	8:45	4:20	835.14	9:12	7616.47	7.61	7582.47	7.58
14	5/14/2025	8:10	12:45	4:35	3:10	7:58	4:48	832.54	9:23	7684.34	7.68	7659.34	7.65
15	5/15/2025	7:20	11:52	4:28	3:15	8:00	4:45	834.25	9:13	7616.7	7.61	7592.7	7.59
16	5/16/2025	7:05	12:03	5:02	5:02	9:15	4:13	833.48	9:15	7626.34	7.62	7595.34	7.59
17	5/17/2025	9:14	1:45	4:31	5:30	10:02	4:32	836.98	9:03	7557.92	7.57	7527.92	7.52
18	5/18/2025	8:25	1:02	4:37	5:15	9:50	4:35	835.75	9:12	7622.04	7.62	7591.04	7.59
19	5/19/2025	8:10	12:56	4:46	5:25	9:48	4:23	836.64	9:09	7605.05	7.6	7573.05	7.57
20	5/20/2025	9:02	1:42	4:40	5:12	9:45	4:33	835.32	9:13	7626.47	7.62	7594.47	7.59
21	5/21/2025	8:13	1:15	5:02	5:20	9:33	4:13	834.35	9:15	7634.3	7.63	7599.3	7.59
22	5/22/2025	8:25	12:52	4:27	5:10	9:25	4:15	835.54	8:42	7035.24	7.03	7007.24	7
23	5/23/2025	8:30	12:58	4:28	5:02	9:15	4:13	835.78	8:41	7028.9	7.02	6999.9	6.99
24	5/24/2025	9:15	1:45	4:30	3:03	7:45	4:42	834.12	9:12	7607.17	7.6	7582.17	7.58
25	5/25/2025	8:30	12:57	4:27	3:17	7:55	4:38	835.75	9:05	7563.53	7.56	7528.53	7.52
26	5/26/2025	8:15	12:55	4:40	3:15	8:58	4:43	834.45	9:23	7701.97	7.7	7663.97	7.66
27	5/27/2025	8:00	12:40	4:40	3:15	7:40	4:25	832.45	9:05	7533.67	7.53	7517.67	7.51
28	5/28/2025	8:10	12:48	4:38	3:30	7:58	4:28	835.68	9:06	7571.26	7.57	7540.26	7.57
29	5/29/2025	8:00	12:37	4:37	3:05	7:48	4:43	826.38	9:20	7602.69	7.6	7585.69	7.58
30	5/30/2025	8:02	12:45	4:43	3:00	7:08	4:45	833.45	9:20	7667.74	7.66	7637.74	7.63
31	5/31/2025	8:04	12:38	4:34	3:07	7:42	4:35	830.85	9:09	7552.42	7.55	7524.42	7.52

Checklist for Monitoring of Performance of Sewage Treatment Plants (STPs)

Date:	25/6/2025	Name and Designation:	Maryamsin D. Jindar (ay. 89012)
RCM Zone	Ahmedabad	ULB/MC	chotila

Sr No	Details	Observation	Units	Max Limits
1	Name/Location of STP	chotila-2	02	2.3MLD
2	Year of Commissioning of STP	2023		
3	Ownership of STP	NagarPalika		
4	Design Capacity of STP	2.3	MLD	
4.1	Present Design Capacity	1.02	MLD	
4.2	Intermediate Design Capacity	1.80	MLD	
4.3	Ultimate Design Capacity	2.3	MLD	
5	Capacity Utilisation (Please Attach SCADA report (Last 3 months report) as supporting, if No then attach details of measurement with sign and stamp of concern authority)	2.03	MLD	
6	O&M Carried Out By (Agency or ULB)	5 year carried out by Agency		
7	Plant Functioning Timings (no of hours)	6		
8	Type of STP - Please Mention Process of Sewage Treatment (i) ASP - Activated sludge process (ii) TF - Trickling filter (iii) AL - Aerated lagoon (iv) UASB - Upflow anaerobic sludge blanket (v) OP - Oxidation pond/waste stabilization ponds (vi) EA - Extended Aeration (vii) SBR - Sequential Batch Reactor (viii) MBR - Membrane Bio Reactor (ix) MBBR - Moving Bed Bio Reactor	i) ASP - Activated sludge process		
9	Influent Wastewater Characteristics	Observation	Test Dates	
	i pH	7.90	17/5/2025	
	ii BoD ₅ @ 20°C	156		mg/L
	iii CoD	265		mg/L
	iv TSS	165		mg/L
	v TRN	4.1		mg/L
	vi Total Phosphorous	2.7		mg/L
	vii Total Coliform	Present		MPN/100 ml
10	Point of treated water Disposal			
11	Bypass arrangements at STP, if any			
12	Method of Sludge Disposal & Status			
13	Volume of Industrial Waste being mixed, if any			
14	Treated Sewage Quality @ Outlet of Chlorine	Observation	Test Dates	
	i pH	7.90	17/5/2025	6.5 to 9
	ii BoD ₅ @ 20°C	4.5		mg/L Less than 10
	iii CoD	40		mg/L Less than 50
	iv TSS	8.6		mg/L Less than 10
	v NH ₃ -N	0.80		mg/L Less than 5
	vi N-Total	5.35		mg/L Less than 10
	vii Total Phosphorous (PO ₄ -P)	0.57		mg/L Less than 2
	viii Total Coliform			MPN/100 ml 20% of TC
	ix Fecal Coliform			MPN/100 ml Less than 100
	x Total Residual Chlorine	0.67		mg/L 1
15	Status of Maintenance of Log Book - Updated Frequency - Data availability Period	regular		
16	Availability of Lab Facility	YES		

17	Name and Designation of the person carrying out lab tests	Vijay K. Dhamiye		
18	Any additional comments about the working of STP			

~~STP~~
Munl. Civil Engineer
Chotila Nagarpalika

Checklist for Monitoring of Performance of Sewage Treatment Plants
(STPs)

Date:	25/6/2025	Name and Designation:	Murugesan D. Jadar (Asst. Engineer)
RCM Zone	Ahmedabad	ULB/MC	Chotila

Sr No	Details	Observation	Units	Max Limits
1	Name/Location of STP	Chotila-2 (Newgam)	01	2.7 MLD
2	Year of Commissioning of STP	2024		
3	Ownership of STP	Nagar Palika		
4	Design Capacity of STP	1.7	MLD	
4.1	Present Design Capacity	0.60	MLD	
4.2	Intermediate Design Capacity	0.96	MLD	
4.3	Ultimate Design Capacity	1.7	MLD	
5	Capacity Utilisation (Please Attach SCADA report (Last 3 months report) as supporting, If No then attach details of measurement with sign and stamp of concern authority)	0.5	MLD	
6	O&M Carried Out By (Agency or ULB)	5 year carried out	out	by Agency.
7	Plant Functioning Timings (no of hours)	5		
8	Type of STP - Please Mention Process of Sewage Treatment (i) ASP - Activated sludge process (ii) TF - Trickling filter (iii) AL - Aerated lagoon (iv) UASB - Upflow anaerobic sludge blanket (v) OP - Oxidation pond/waste stabilization ponds (vi) EA - Extended Aeration (vii) SBR - Sequential Batch Reactor (viii) MBR - Membrane Bio Reactor (ix) MBBR - Moving Bed Bio Reactor	i) ASP-Activated sludge process		
9	Influent Wastewater Characteristics	Observation	Test Dates	
i	pH	7.3	17/5/2025	
ii	BoD ₅ @ 20°C	88		mg/L
iii	CoD	118		mg/L
iv	TSS	113		mg/L
v	TKN	45		mg/L
vi	Total Phosphorous	2.12		mg/L
vii	Total Coliform	Present		MPN/100 ml
10	Point of treated water Disposal			
11	Bypass arrangements at STP, if any			
12	Method of Sludge Disposal & Status			
13	Volume of Industrial Waste being mixed, if any			
14	Treated Sewage Quality @ Outlet of Chlorine	Observation	Test Dates	
i	pH	7.5		6.5 to 9
ii	BoD ₅ @ 20°C	8.2		mg/L Less than 10
iii	CoD	41		mg/L Less than 50
iv	TSS	79		mg/L Less than 10
v	NH ₄ -N	0.52		mg/L Less than 5
vi	N-Total	5.8		mg/L Less than 10
vii	Total Phosphorus (PO ₄ -P)	0.61		mg/L Less than 2
viii	Total Coliform	-		MPN/100 ml 20% of TC
ix	Fecal Coliform	-		MPN/100 ml Less than 100
x	Total Residual Chlorine	0.60		mg/L 1
15	Status of Maintenance of Log Book - Updated Frequency - Data availability Period	Regular		
16	Availability of Lab Facility	Yes		

17	Name and Designation of the person carrying out lab tests	Vijay K. Dharamdas	
18	Any additional comments about the working of STP		


Muni. Civil Engineer
Chotila Nagarpalika