



EKDANT ENVIRO SERVICES (P) LIMITED

NABL Accredited & MoEF Recognised Laboratory
An ISO 9001 : 2015 and OHSAS 45001 : 2018 Certified Company

No. R7/1, AVK Tower, North Main Road, Anna Nagar West Extn. Chennai - 600 101.
Phone : 044 - 2615 3349. Mobile : 94444 11178 / 94449 71649
E-mail : ekdantlab@gmail.com / ekdantfinance19@gmail.com
Web : www.ekdantlab.co.in

TEST REPORT

Sample Ref No. : EES/W/354/10				Report No. : 544/10		
Issued To: M/s.B.S.A.R. Crescent Institute of Science & Technology Vandalur, Chennai-600 048.				Report Date : 30.10.2021 Page: 1 of 2		
Sample Description : Water				Received On : 26.10.2021		
Sample Drawn By/ Date : EES / 26.10.2021				Commenced On : 26.10.2021		
Customer's Reference : Letter Dated on 26.10.2021				Completed On : 30.10.2021		
Sample Mark : Domestic Water						
Sample Location : Staff Quarters						
Sl. No	PARAMETERS	UNITS	RESULTS	As Per IS 10500:2012		PROTOCOL: APHA 23 rd Edition 2017
				Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	
Physical Properties						
1	Appearance When Analyzed After Filtration	-	Clear	-	-	-
2	pH value at 25°C	-	7.39	6.5 – 8.5	6.5 – 8.5	4500 H ⁺ B
3	Color	Hazen	10.0	5	15	2120 B
4	Odor	-	Agreeable	Agreeable	Agreeable	IS 3025 P.5 1983
5	Turbidity	NTU	0.10	1	5	2130 B
6	Electrical conductivity at 25°C	Micromhos/cm	1820	-	-	2510 B
Chemical Properties						
7	Total Suspended Solids	mg/l	BLQ (LOQ=1.0)	-	-	IS:3025: P.17:1984
8	Total Dissolved Solids	mg/l	1006	500	2000	IS 3025:P.16:1984

----End of Page 1----



B. Pragasam
Authorized Signatory

- NOTE:
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TEST REPORT						
Sample Ref No. : EES/W/355/10			Report No. : 545/10			
Issued To: M/s.B.S.A.R. Crescent Institute of Science & Technology Vandalur, Chennai-600 048.			Report Date : 30.10.2021 Page: 1 of 2			
Sample Description : Water			Received On : 26.10.2021			
Sample Drawn By/ Date : EES / 26.10.2021			Commenced On : 26.10.2021			
Customer's Reference : Letter Dated on 26.10.2021			Completed On : 30.10.2021			
Sample Mark : Flushing Water						
Sample Location : Staff Quarters						
Sl. No	PARAMETERS	UNITS	RESULTS	As Per IS 10500:2012		PROTOCOL: APHA 23 rd Edition 2017
				Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	
Physical Properties						
1	Appearance: When Analyzed After Filtration	-	Slightly Turbid Clear	-	-	-
2	pH value at 25°C	-	7.41	6.5 – 8.5	6.5 – 8.5	4500 H ⁺ B
3	Color	Hazen	10.0	5	15	2120 B
4	Odor	-	Agreeable	Agreeable	Agreeable	IS 3025 P.5 1983
5	Turbidity	NTU	0.20	1	5	2130 B
6	Electrical conductivity at 25°C	Micromhos/cm	1806	-	-	2510 B
Chemical Properties						
7	Total Suspended Solids	mg/l	BLQ (LOQ=1.0)	-	-	IS:3025: P.17:1984
8	Total Dissolved Solids	mg/l	918	500	2000	IS 3025:P.16:1984

---End of Page 1---



B. Pragasam
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TEST REPORT

Sample Ref No. : EES/W/346/10			Report No. : 536/10		
Issued To: M/s.B.S.A.R. Crescent Institute of Science & Technology Vandalur, Chennai-600 048.			Report Date : 30.10.2021 Page: 1 of 1		
Sample Description : Sewage Water			Received On : 26.10.2021		
Sample Drawn By/ Date : EES / 26.10.2021			Commenced On : 26.10.2021		
Customer's Reference : Letter Dated On 26.10.2021			Completed On : 30.10.2021		
Sample Mark : STP Treated water-Men's Hostel					
Sl.No	PARAMETERS	UNITS	RESULTS	Tolerance limits for Treated Outlet as per TNPCB	PROTOCOL: APHA 23 rd Edition 2017
1	pH value at 25°C	-	7.44	5.5 to 9.0	4500 H ⁺ B
2	Total Suspended Solids	mg/l	15.0	20	IS:3025: P.17:1984
3	Total Dissolved Solids	mg/l	1070	-	IS 3025:P.16:1984
4	COD	mg/l	18.0	50	IS:3025.P.58.2006
5	BOD at 27°C for 3 days	mg/l	6.0	10	IS: 3025 P. 44 1993
6	Total Nitrogen as N	mg/l	4.80	10	IS:3025 P.34 1988
7	Total Phosphorus as P	mg/l	0.70	1.0	IS 3025(P.31) - 1988
8	Oil & Grease	mg/l	BLQ (LOQ=1.0)	-	IS 3025 P.39 1991
BLQ= Below Limit of Quantification; LOQ= Limit of Quantification					
Report Opinion: The above submitted water sample meets the TNPCB Standards.					
Ref. Decision Rule: EES/QSP/012					

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



B. Priya Anand
Authorized Signatory

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TEST REPORT

Sample Ref No. : EES/W/345/10

Report No. : 535/10

Issued To: **M/s.B.S.A.R. Crescent Institute of Science & Technology
Vandalur, Chennai-600 048.**

Report Date : 30.10.2021
Page: 1 of 1

Sample Description : Sewage Water
Sample Drawn By/ Date : EES / 26.10.2021
Customer's Reference : Letter Dated On 26.10.2021
Sample Mark : STP Treated water-College Hostel

Received On : 26.10.2021
Commenced On : 26.10.2021
Completed On : 30.10.2021

Sl.No	PARAMETERS	UNITS	RESULTS	Tolerance limits for Treated Outlet as per TNPCB	PROTOCOL: APHA 23 rd Edition 2017
1	pH value at 25°C	-	7.98	5.5 to 9.0	4500 H ⁺ B
2	Total Suspended Solids	mg/l	2.0	20	IS:3025: P.17:1984
3	Total Dissolved Solids	mg/l	1210	-	IS 3025:P.16:1984
4	COD	mg/l	4.0	50	IS:3025:P.58.2006
5	BOD at 27°C for 3 days	mg/l	BLQ (LOQ=2.0)	10	IS: 3025 P. 44 1993
6	Total Nitrogen as N	mg/l	2.10	10	IS:3025 P.34 1988
7	Total Phosphorus as P	mg/l	0.40	1.0	IS 3025(P.31) - 1988
8	Oil & Grease	mg/l	BLQ (LOQ=1.0)	-	IS 3025 P.39 1991

BLQ= Below Limit of Quantification; LOQ= Limit of Quantification

Report Opinion: The above submitted water sample meets the TNPCB Standards.

Ref. Decision Rule: EES/QSP/012

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



B. Pragasam
Authorized Signatory

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