

WATER TEST REPORT



PRAGATHI LABS & CONSULTANTS PVT.LTD.

(LAB RECOGNISED BY MINISTRY OF ENVIRONMENT & FORESTS, GOVT. OF INDIA)
(ISO 9001:2015, OHSMS ISO 45001:2018)

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TEST REPORT

Issued to

Mr. K.Dhanunjay Rao
General Manager
M/s. G.S.L Educational Society
G.S.L Medical college & General Hospital
Rajanagaram Near Rajahmundry
Andhra Pradesh.



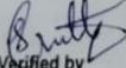
Date of Sampling & Time	14 th March, 2024 & (11:30am)	Date of Test Performed	14 th - 18 th March, 2024
Date of Reporting	30 th March, 2024	ULR No.	ULR-TC5741240000000042F
Report No.	PLCPL/24/1157/0625	Method of sampling & Preservation	IS:17614 (P 10) & (P 03)
Your Ref No.	GSLES/ROSYSTEM/31/2023-24 dated 22.05.2023		
Sample particulars	STP Inlet, No. of samples 1, (One) packed in PVC of 2 liter & 500ml Wide mouth bottle.		
Test required	pH, TDS, TSS, Cl, SO ₄ , COD, BOD, Oil & Grease.		
Sampling Done by	Field in-charge, PLCPL	Sample Condition	Received in Sealed Bottle

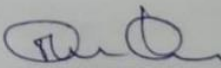
Discipline: Chemical Testing
Group: Pollution & Environment

TEST RESULTS

Parameters	Units	Method of Analysis	Results
pH value	--	IS: 3025 (Part 11)	6.4
Total Dissolved Solids	mg/L	IS: 3025 (Part 16)	1611
Suspended Solids	mg/L	IS: 3025 (Part 17)	77
Chlorides as Cl	mg/L	IS: 3025 (Part 32)	370
Sulphate as SO ₄	mg/L	IS: 3025 (Part 24)	154
COD	mg/L	IS: 3025 (Part 58)	256
BOD, 3 days at 27°C	mg/L	IS: 3025 (Part 44)	84
Oil and Grease	mg/L	IS: 3025 (Part 39)	12

Note: Results related only to the sample tested, Note: NS - Not Specified in GSR422-E


Verified by
(M.Sruthi)
Analyst


Authorized Signatory
(M. Ravi Kiran)

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WATER MAINTAINENCE REPORTS

⑥ PG-3
1000.Lts. - Ro Plant

GSI EDUCATIONAL SOCIETY
GSI Medical College & General Hospital, #1-16, Lakshmiapuram, Rajahmundry - 533 296.

Location of Tank		Capacity (Lit)	Type of Tank	Observation Waste Inside Tank	Observation Leaks In Tank	Signature Plumber	Signature Engineer	Authorised Sign	Frequency	Remarks
Sl No	Date of Cleaning	Due Date for Clean	Carried by							
18/1/2023			Micron filter changed Manual Back wash	Aradi SCant		(P) Lakshmi Sankar				check
24/2/2023			Micron filter changed (2) Manual Back wash	900 ML		(P) Lakshmi Sankar				check
15/3/2023			Micron filter changed Manual Back wash	900 ML		(P) Lakshmi Sankar				check
22/4/2023			Micron filter changed (2) Manual Back wash	900 ML		(P) Lakshmi Sankar				check
19/5/2023			Micron filter changed Manual Back wash	900 ML		(P) Lakshmi Sankar				check
24/6/2023			Micron filter changed (2) Manual Back wash	900 ML		(P) Lakshmi Sankar				check
18/7/2023			Micron filter changed Manual Back wash	900 ML		(P) Lakshmi Sankar				check
11/8/2023			Micron filter changed Manual Back wash	900 ML		(P) Lakshmi Sankar				check
7/9/2023			Micron filter changed (2) Manual Back wash	900 ML		(P) Lakshmi Sankar				check
30/9/2023			Micron filter changed and Manual Back wash with Rinse wash	900 ML		(P) Lakshmi Sankar				check
15/10/2023			Micron filter changed Manual Back wash with Rinse wash	900 ML		(P) Lakshmi Sankar				check
5/11/2023			Micron filter changed Manual Back wash with Rinse wash	900 ML		(P) Lakshmi Sankar				check

④ 500 Ltrs

PG-2 HOSTEL RO PLANT

Date	TDS	PLANT WORK REPORT	ANTISCALANT
13/12/23	58	Manual Back wash and Rinse wash PRODUCT WATER - 400 REJECT WATER - 2100	200 ML
14/12/23	50	Manual Back wash and Rinse wash FILTERS CHANGING (2.40) PRODUCT WATER - 400 REJECT WATER - 2100 MAXIMUM RUNNING TIME (2 HR)	HR: 734
15/12/23	47	Manual Back wash and Rinse wash PRODUCT WATER - 400 REJECT WATER - 2100	100 ML
19/12/23	50	Manual Back wash and Rinse wash PRODUCT WATER - 400 REJECT WATER - 2000	
22/12/23	49	Manual Back wash and Rinse wash PRODUCT WATER - 300 REJECT WATER - 2000	HR: 751
29/12/23	43	Manual Back wash and Rinse wash PRODUCT WATER - 400 REJECT WATER - 2000	900 ML

⑤ 1000 Ltrs

PG-3 HOSTEL RO PLANT 35

Date	TDS	PLANT WORK REPORT	ANTISCALANT
13/12/23	43	Manual Back wash and Rinse wash PRODUCT WATER - 300 REJECT WATER - 2600	200 ML
14/12/23	40	Manual Back wash and Rinse wash FILTERS CHANGING (2.40) PRODUCT WATER - 300 REJECT WATER - 2600 MAXIMUM RUNNING TIME (5 HR)	HR: 631
18/12/23	42	Manual Back wash and Rinse wash PRODUCT WATER - 300 REJECT WATER - 2600	100 ML
19/12/23	40	Manual Back wash and Rinse wash PRODUCT WATER - 300 REJECT WATER - 2600	
22/12/23	42	Manual Back wash and Rinse wash PRODUCT WATER - 300 REJECT WATER - 2600	HR: 671
30/12/23	40	Manual Back wash and Rinse wash PRODUCT WATER - 300 REJECT WATER - 2600 FILTERS CHANGING (2.40)	200 ML

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⑥ 500 Liters

COLLEGE RO PLANT

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⑦ 2000 Liters

RO PLANT Dailies 37

Date	PDS	PLANT WORK REPORT	ANTISCALANT
13/12/23	10	MANUAL BACK WASH and RINSE WASH PRODUCT WATER - 350 REJECT WATER - 2000	200 ML
14/12/23	10	MANUAL BACK WASH and RINSE WASH PRODUCT WATER - 350 REJECT WATER - 2000 FILTERS CHANGING (2nd) MAXIMUM RINSE TIME (H:HR)	HR: 2134
15/12/23	14	MANUAL BACK WASH and RINSE WASH PRODUCT WATER - 350 REJECT WATER - 2000	100 ML
19/12/23	43	MANUAL BACK WASH and RINSE WASH PRODUCT WATER - 350 REJECT WATER - 2000	
22/12/23	10	MANUAL BACK WASH and RINSE WASH PRODUCT WATER - 350 REJECT WATER - 2000	HR: 2216
21/1/24	10	MANUAL BACK WASH and RINSE WASH FILTERS CHANGING (2nd) PRODUCT WATER - 400 REJECT WATER - 2000	200 ML

Date	PDS	PLANT WORK REPORT	ANTISCALANT
13/12/23	10	MANUAL BACK WASH and RINSE WASH FILTERS CHANGING (2nd) PRODUCT WATER - 2000 REJECT WATER - 3600	200 ML
14/12/23	10	MANUAL BACK WASH and RINSE WASH PRODUCT WATER - 2000 REJECT WATER - 3600 MAXIMUM RINSE TIME (H:HR)	HR: 153
18/12/23	09	MANUAL BACK WASH and RINSE WASH PRODUCT WATER - 2000 REJECT WATER - 3400	100 ML
19/12/23	07	MANUAL BACK WASH and RINSE WASH PRODUCT WATER - 2000 REJECT WATER - 3400	
22/12/23	07	MANUAL BACK WASH and RINSE WASH PRODUCT WATER - 2000 REJECT WATER - 3400	HR: 184
21/1/24	07	MANUAL BACK WASH and RINSE WASH PRODUCT WATER - 2000 REJECT WATER - 3400	200 ML

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Date	Description of work	Emp. No. & Sign
11/1/2024	GIRLS HOSTEL Chemical Wash RO Plant Silt filters changed (2.00)	
17/1/2024	PLD Manual Back wash and Rinse wash Silt filters changed	
18/1/2024	COLLEGE Manual Back wash and Rinse wash 5 micron silt filters changed	
19/1/2024	PLD Manual Back wash and Rinse wash Filters cleaning	
19/1/2024	BOYS HOSTEL Manual Back wash and Rinse wash Filters cleaning	
22/1/24	Dairies Manual Back wash and Rinse wash filters changed (2.00)	
22/1/2024	BOYS HOSTEL Manual Back wash and Rinse wash filters changed (2.00)	

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