

17.3.14 a – Progress against SDG14

– Ecosystem

- (i) Sewage Treatment Plant
- (ii) Water Treatment Plant
- (iii) Plastic Free Campus
- (iv) Water Quality Report
- (v) Certification



LIQUID WASTE MANAGEMENT - SEWAGE TREATMENT PLANT - 500KLD

- 2 nos. of Sewage treatment plants of 250KLD capacity are available, one for Men's Hostel and one for Institute campus. The STP is of Eco-Bio Block type. The treated water is used for landscaping and toilet flushing purpose.
- The sewage treatment plant is working on the principle of attached growth aerobic system (Eco-Bio bricks) followed by sand filter and carbon filter. The treated water is having a COD about 100 mg/L and BOD about 16 mg/L.









DETAILS OF SEWAGE TREATMENT PLANTS

Location	Capacity	Remarks
College	250KLD	Commissioned in 2003 as a 150KLd plant. Revamped and
campus		capacity increased to 250KLD in 2015
Men's Hostel	250KLD	Commissioned in 2014

DETAILS OF WASTEWATER GENERATION

S.No	Location	Total water collected	Water recycled	% of water reutilized
1	College campus	250 KL	220KL	90
2	Men's Hostel	250 KL	220KL	90

MIRA CARBON SEWAGE TREATMENT PLANT

Our Institute has established MIRA CARBON SEWAGE TREATMENT PLANT of $\mathbf{2}$ m³ capacity in association with M/S.Kanyo Group of Companies to treat domestic wastewater generated from the Institute.



Mira carbon sewage treatment plant



POTABLE WATER SUPPLY

BSA Crescent Institute of Science and Technology has Reverse Osmosis (RO) Plant to provide drinking water to the college and hostel. The entire college campus is facilitated with pure Reverse Osmosis (RO) drinking water with water coolers in every block to cater to the need of pure and safe drinking water to all. We have 44,500 liters / day RO systems installed in the campus and water dispensers are available in each floor in every building. Our water treatment plants provide safe drinking water at every tap on the campus. A high level of maintenance attention and regular testing ensure the quality of the water. Water treatment plant with reverse osmosis technology is available to provide quality drinking water.

S.No	Location	Capacity Liters/Hr	Working Hours Per day	Qty. of Treated Water in liters
1	University Main Plant-Near to Main block	1500	6	9000
2	Science Block Terrace	1000	5	5000
3	Ladies Hostel New block Terrace	500	5	2500
4	Men's Hostel Dining Hall	2000	4	8000
5	Men's Hostel Service block	2000	5	10000
6	Aeronautical Block terrace	500	2	1000
7	Life Sciences block terrace	500	2	1000
8	New architecture terrace	2000	4	8000
	Total treated Water	10000		44500

RO DRINKING WATER PLANTS





KBA MEN'S HOSTEL RO PLANT



TBAK LADIES HOSTEL NEW BLOCK TERRACE RO PLANT





AERONAUCTICAL BLOCK RO PLANT



ARCHITECTURE BLOCK RO PLANT



WATER DISPENSER / COOLER



WATER TREATMENT PLANT

PROTECTED WATER SUPPLY

Water Treatment plants are provided - 5 Nos. at various places in the campus to treat the water before use in toilets, quarters, Men's Hostel & Ladies hostel.

The capacity and quantity of water treated by each plant is tabled below.

S.NO	LOCATION	CAPACITY	WORKING HOURS	REMARKS
1	New staff Quarters	5m³/hr	10	Commissioned in Apr -2016
2	New ladies hostel	5m³/hr	12	Commissioned in Aug -2016
3	Men's hostel service block	10m ³ /hr	18	Commissioned in Aug -2016
4	VC Villa	1m ³ /hr	4	Commissioned in Jan -2017
5	Life Science block	5m³/hr	8	Commissioned in Aug -2017
	Total Treated Water		3,35,000 L	iters per day



WATER TREATMENT PLANT





sl. No	Water Consumption / Day	Occupancy	consumption/day in
	Occupants	in Nos	liters
	College Student day scholars 45 lit/day @ 70%		
1	usage	3700	116550
2	Ladies Hostel 125 lit/day	470	58750
3	Men's Hostel 125 lit/day	1400	175000
4	Miscellaneous (1)College/ staff 45 lit/day	400	18000
	(2)Estate office staff 30lit/day	350	10500
	(3) General workers	280	8400
	(4) Kitchen and canteen	50	10000
5	Quarters 125lit/day	400	50000
		7050	447200
6	Floating @ 5%	7403	10575
	Total water consumption/day in liters		4,57,775
	Avg water consumption per capita/day		62



RAIN WATER HARVESTING

- B.S Abdur Rahman Crescent Institute of science and technology is one of the pioneers in implementing solutions to save water.
- The institute has implemented rain water harvesting system in the campus with a strong desire to utilize the rain water at maximum extent.
- The Institute has taken tremendous efforts to reduce the water consumption and also to treatthe wastewater generated within the campus so that it can be effectively reused for gardeningand toilet flushing.
- In the forefront to save water, our institute of science and technology has initiated and executed the rainwater harvesting in the campus.
- Rainwater harvesting facility is done in all blocks to collect rainwater from the roof of all buildings.
- The harvested water is diverted to open wells in institute campus, Men's Hostel and ladies hostel.
- The placement of rainwater facility within the campus is decided upon by considering the profile of the land so as to drain the maximum amount of water collected with ease.
- In the buildings, sufficient plumbing connections are provided to trap the rain water from theroof tops.
- Underground connections are ensured to connect the collected water from the roof top to therainwater recharge pit.
- It was also ensured that the rainwater harvesting structures are constructed as per the norms.

The recharge pit provided to collect the rain water is series of filter bed.

- This initiative took shape when the institute faced shortage of water during summer. Cost of buying water was becoming a financial burden. The only alternative to the water crisis was to use the available water more effectively.
- The features of the recharge pit are described below.
- A mesh is provided at the inlets of rain water pipes so that solid waste/debris is prevented B.S.Abdur Rahman Crescent Institute of Science and Technology has taken initiatives to install rain water harvesting pits in the campus from entering the pit system.
- The recharge pits are of size 2m x 2m x 2m is excavated
- The recharge pit comprises different set of filter media. The filter media comprises of thick layers of boulders at the bottom followed by layers of gravels and coarse sand.
- This enables the filtration of water and also prevents the deposition of silt on the recharge pit.
- Access Manhole frames and covers are provided.
- The rain water is also stored in Underground sumps of Life Science block, Mechanical Science Block and New Staff Quarters.



RAIN WATER HARVESTING STRUCTURES AND UTILIZATION IN THE CAMPUS

B.S.Abdur Rahman Crescent Institute of Science and Technology has taken initiatives to install rainwater harvesting pits in the campus.

Rain Water Harvesting

Rainwater harvesting facility is done in all blocks to collect rain water from the terrace. The harvested water is diverted to open wells in institute campus, Men's Hostel and ladies hostel. The rain water is also stored in Underground sumps of Life Science block, Mechanical Science Block and New Staff Quarters. The rain water is stored after passing through the pre-filter as shown in Figure below.

S.No	CAMPUS/BLOCKS	Number of Rain Water Harvesting	Quantity of Water Collected(L)
1	College/Life Sciences Block	1	10000(Approx)
2	New Architecture Block	1	10000 (Approx)
3	Computer Science block	1	10000 (Approx)
4	Pharmacy Block	1	10000 (Approx)



PLASTIC FREE CAMPUS



- A policy is in place to convert our campus into a Plastic-free campus. Within the context of our Green campus policy we commit to ban the use of plastics, to reduce the environmentalimpact of waste plastics.
- Usages of plastics are avoided in the canteen by serving the food in the steel plates.





Policy for water reuse

B.S.Abdur Raham Crescent Institute of Science and Technology has a firm policy for water reuse. Water reuse generally denotes the process of capturing wastewater, stormwater, or greywater and treating it as required for a designated beneficial uses such as drinking, or surface or ground water replenishment. The water reuse in the Institute is looked upon in two aspects

(i) Recylcing of the treated water from the sewage treatment plant for benefial purposes like gardening and toilet flushing

(ii) Harvesting of the Rain water

Some of the key points of the Policy is given below

Main objective : The Institute should be a Zero Dischrage campus

- Proper collection and treatment of wastewater generated in the Institute
- Regular monitoring for the quality of the treated water
- Recycling the treated water for gardeneing and toilet flushing by providing dual plumbing system
- Frequent inspection and maintenance of the STP
- Rainwater harvesting in all blocks of the Institute
- Maintenance of infrastructure facility provided for rain water harvesting
- Provision of sufficient storage structures to store rain water
- Ensuring that there are minimum wasteage of water in the campus by using advanced monitoring facilities such as sensors
- Ensuring the planting of drought tolerant plants for the water conservation
- Improving the landscapes of the Institute thereby ensuring a natural water conservation through plants



PRACTICES OF WATER REUSE ACROSS THE UNIVERSITY



SPRINKLER SYTEM- REUSE WATER





TOILET FLUSHING WITH REUSE WATER -DUAL PLUMBING



RAINWATER COLLECTION, STORAGE AND REUSE



	RECYCLED WATER DETAIL 2016-2020								
S.No	Month/ year	No of Loads	Total Qty in Liters	Quantity of treated water in Ltrs					
1	Nov'16	1709	17090000	12170000					
2	Dec'16	1467	14670000	10576000					
3	Jan'17	1269	12690000	10506800					
4	Feb'17	1501	15010000	12429000					
5	March'17	1765	17650000	13586000					
6	April'17	1531	15310000	12124000					
7	May'17	1539	15390000	12663000					
8	June'17	1105	11050000	7745000					
9	July'17	1278	12780000	7249000					
10	Aug'17	1756	17560000	13668000					
11	Sept'17	1608	16080000	13461000					
12	Oct'17	1676	16760000	14585000					
13	Nov. 2017	1318	1,31,80,000	1,35,86,000					
14	Dec. 2017	1294	1,29,40,000	1,36,68,000					
15	Jan. 2018	1213	1,21,30,000	1,11,60,000					
16	Feb. 2018	1209	1,20,90,000	1,17,80,000					
17	Mar. 2018	1281	1,28,10,000	1,20,90,000					
18	Apl. 2018	1236	1,23,60,000	1,24,00,000					
19	May. 2018	1301	1,30,10,000	1,34,61,000					
20	June. 2018	954	95,40,000	81,24,000					
21	July. 2018	1334	1,33,40,000	1,13,15,000					
22	Aug. 2018	1327	1,32,70,000	1,16,25,000					
23	Sep. 2018	1288	1,28,80,000	1,20,90,000					
24	Oct. 2018	1427	1,42,70,000	1,10,05,000					
25	Nov. 2018	1294	1,29,40,000	1,08,50,000					
26	Dec. 2018	1026	1,02,60,000	9,54,000					
27	Jan. 2019	1169	1,16,90,000	1,07,80,000					
28	Feb. 2019	1527	1,52,70,000	1,19,35,000					
29	Mar. 2019	1709	1,70,90,000	1,20,90,000					
30	Apl. 2019	1374	1,37,40,000	1,21,52,000					
31	May. 2019	1448	1,44,80,000	1,21,83,000					
32	June. 2019	873	87,30,000	82,20,000					
33	July. 2019	1305	1,30,50,000	1,00,75,000					
33	Aug. 2019	1158	1,15,80,000	1,11,91,000					
35	Sep. 2019	1360	1,36,00,000						
	•			1,12,84,000					
36	Oct. 2019	1262	1,26,20,000	1,13,46,000					
37	Nov. 2019	1233	1,23,30,000	1,15,94,000					
38	Dec. 2019	963	96,30,000	76,56,000					
39	Jan. 2020	1028	1,02,80,000	1,12,53,000					
40	Feb. 2020	1403	1,40,30,000	1,14,39,000					
41	Mar. 2020	1194	1,19,40,000	1,16,56,000					
42	Apl. 2020	479	47,90,000	49,35,000					
43	May. 2020	589	58,90,000	54,31,000					
44	June. 2020	561	56,10,000	45,55,000					
45	July. 2020	408	40,80,000	4,45,000					
46	Aug. 2020	471	47,10,000	4,49,000					



The water quality reports for the well water, raw water and RO water is given below

QUALITY REPORT OF WELL WATER

EE5	EKDANT ENVIR	SERVICES	(P)	LIMITED
-	NABL Accredited &	MoEF Recognised Laborator	у	
	An ISO 9001 : 2008 and OH	SAS 18001 : 2007 Certified C	ompany	
	No.R-7/1, AVK Tower, North Main Road	Anna Nagar West Extr., Chenr	nai - 600 10	1, India
		9 / 4856 2349 Mobile : 94444111		
	E-mail : ekdantlab@g	mail.com / info@ekdantlab.co.i	n	
	Web : v	www.ekdantlab.co.in		

			TEST	REPORT			
Sample	e Ref No. : EES/W/140/08			Report No.	450/08		
Issued	To: M/s. B.S. Abdur Rah Seethakathi Estate, Vandalur, Chennal-6	G.S.T Main Road,	iversity,	Report Date Page: 1 of 2			
Sampl Custor Sampl	e Mark : Wel		9	Received On Commenced On Completed On	23 08 19 23 08 19 28 08 19		
oon pr				As Per IS	10500:2012		
SI. No	PARAMETERS	UNITS	RESULTS	Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	PROTOCOL: APHA 23 rd Edition 2017	
			Physical	Properties			
1	Appearance When Analyzed After Filtration	•	Clear	-	-	2	
2	pH value at 25°C	· ·	6.53	6.5-8.5	6.5 - 8.5	4500 H° B	
3	Color	Hazen	2.0	5	15	2120 B	
4	Odor		Agreeable	Agreeable	Agreeable	IS 3025 P.5 1983 R 2012	
5	Turbidity	NTU	0.2	1	5	2130 B	
6	Electrical conductivity at 25°C	Micromhos/cm	2096			2510 B	
				I Properties			
7	Total Suspended Solids	mg/i	BDL (DL=1.0)		÷	IS:3025: P.17:1984:R.201	
8	Total Dissolved Solids	mg/l	1290	500	2000	IS 3025 P.16:1984 R.2012	

---End of Page 1----

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Samj	ble Ref No. : EES/W/140/08		11 🛱 🤺	Report No 4 Report Date 2 Page: 2 of 2	150/08 18 08 19	
SI.				As Per IS Requirement	Permissible limit in	PROTOCOL:
No	PARAMETERS	UNITS	RESULTS	(Acceptable limit)	the absence of alternate source	APHA 23 rd Edition 2017
9	Total Hardness as CaCO ₃	mg/l	776	200	600	2340 C
10	Calcium Hardness as CaCO3	mg/l	545			3500 - Ca B
11	Magnesium Hardness as CaCO ₂	(mg/l	231	1		3500 - Mg D
12	Calcium as Ca	mg/l	218	75	200	3500 - Ca B
13	Magnesium as Mg	mg/l	55.0	30	100	2340 C
14	Phenolphthalein Alkalinity as CaCO ₃	mg4	Nil			2320 B
15	Total Alkalinity as CaCO ₃	mg/l	168	200	600	2320 B
16	Chiorides as Cl	mg/l	386	250	1000	4500 CF B
17	Suifates as SO4	mg/l	255	200	400	4500 SO₄ [≥] E
18	Total Iron as Fe	mg/i	0.08	0.a	0.3	3500 Fe- B
19	Silica (Reactive) as SiO ₂	mgri	39.0			4500 SiO ₂ C
20	Carbonate Hardness as CaCO ₃	mg/l	168			2340 A
21	Non-Carbonate Hardness as CaCO ₃	mg/l	608	-		2340 A
22	Free Residual Chlorine	mg/l	(DL=0.1)	0.2	**1	4500 CI B

-End of Report-

RO SER CHENNAL ES 600 101. Jun a 6 Authorized Signatory

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QUALITY REPORT OF RAW WATER





Samp	le Ref No. : EES/W/141/08			Report No. 4 Report Date 2 Page 2 of 2	51/08 (8.08.19	
					5 10500:2012	
SI. No	PARAMETERS	UNITS	RESULTS	Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	PROTOCOL: APHA 23 rd Edition 201
9	Total Hardness as CaCO ₃	mg/l	1101	200	600	2340 C
10	Calcium Hardness as CaCO ₂	mg/l	394	5		3500 - Ca B
11	Magnesium Hardness as CaCO ₅	mgn	707	÷.,	-	3500 - Mg' B
12	Calcium as Ca	mg/l	158	75	200	3500 - Ca B
13	Magnesium as Mg	mg/i	170	30	100	2340 C
14	Phenolphthalein Alkalinity as CaCO3	mg/l	Nil	-		2320 B
15	Total Alkalinity as CaCO ₃	mg/l	329	200	600	2320 B
16	Chlorides as Cl	mg/l	444	250	1000	4500 Cl' B
17	Sulfates as SOa	mg/l	510	200	400	4500 SO42 E
18	Total Iron as Fe	mg/l	0.16	0.3	0.3	3500 Fe- B
19	Silica (Reactive) as SiO ₃	mg/l	41.0			4500 SiO ₂ C
20	Carbonate Hardness as CaCO3	mg/l	329	-	*	2340 A
21	Non-Carbonate Hardness as CaCO ₂	mgil	772			2340 A
22	Free Residual Chlorine	mg/l	BDL (DL=0.1)	0.2	**1	4500 CI B

** To be applicable only when water is chlorinated.

-End of Report---



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QUALITY REPORT OF RO WATER



EKDANT ENVIRO SERVICES (P) LIMITED NABL Accredited & MoEF Recognised Laboratory An ISO 9001 : 2008 and OHSAS 18001 : 2007 Certified Company No.R-7/1, AVK Tower, North Main Road, Anna Nagar West Extn., Chennai - 600 101. India Phone : 044 - 2615 3349 / 4856 2349 Mobile : 9444411178 E-mail : ekdantlab@gmail.com / info@ekdantlab.co.in Web : www.ekdantlab.co.in

			TEST P	REPORT		
Sample	e Ref No. EES/W/142/08			Report No.	452/08	
issued	To: M/s. B.S. Abdur Rah Seethakathi Estate, 4 Vandalur, Chennal-6	G.S.T Main Road,	versity,	Report Date Page: 1 of 2	28.08.19	
Sample Custor Sample	ner's Reference : Lette e Mark : RO V	r / 23.08.19 rr Dated on 23.08.1 Mater /OM/MSP/02	9	Received On Commenced On Completed On	23 08 19 23 08 19 28 08 19	÷.
oamhi	ing Procedure . CLO	Communications -		As Per IS 1	0500:2012	A State State State
SI. No	PARAMETERS	UNITS	RESULTS	Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	PROTOCOL: APHA 23 rd Edition 2017
			Physical	Properties		
1	Appearance. When Analyzed After Filtration		Clear Clear	-		÷
2	pH value at 25°C		6.52	6.5-8.5	6.5 - 8.5	4500 H* 8
3	Color	Hazen	1.0	5	15	2120 B
4	Odor	- 4	Agreeable	Agreeable	Agreeable	IS 3025 P.5 1983 R.2012
5	Turbidity	NTU	BDL (DL=0.1)	1	5	2130 B
6	Electrical conductivity at 25°C	Micromhos/cm	65.0			2510 B
			Chemica	I Properties		
7	Total Suspended Solids	mgii	BDL (DL=1.0)	-	-	IS:3025: P.17:1984 R.2012
8	Total Dissolved Solids	mg/l	39.0	500 +	2000	IS 3025:P.16:1984:R.2012

---End of Page 1----

HENNAL 600 101. ES Leur C Authorized Signatory 1

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Sample Ref No. : EES/W/142/08				Report No. 452/08 Report Date 28.08.19 Page: 2 of 2			
	PARAMETERS	UNITS	RESULTS	As Per IS 10500:2012			
SI. No				Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	PROTOCOL: APHA 23 rd Edition 20	
9	Total Hardness as CaCO ₀	mg/l	4.0	200	600	2340 C	
10	Calcium Hardness as CaCO ₃	ng/l	2.0			3500 - Ca B	
11	Magnesium Hardness as CaCO ₀	mail	2.0	-	-	3500 – Mgʻ B	
12	Calcium as Ca	mg/l	0.80	75	200	3500 - Ca B	
13	Magnesium as Mg	mg/l	0.48	30_	100	2340 C	
14	Phenolphthalein Aikalinity as CaCO3	mg/l	Nit			2320 B	
15	Total Alkalinity as CaCO ₃	mg/l	12.0	200	600	2320 B	
16	Chlorides as Cl	mg/l	17.0	250	1000	4500 CF B	
17	Sulfates as SO4	mg/l	2.0	200	400	4500 SO42 E	
18	Total Iron as Fe	mgñ	80i. (01.=0.01)	0.3	0.3	3500 Fe- B	
19	Silica (Reactive) as SiO ₂	mg/i	3.0		8. 4 2	4500 SiO ₂ C	
20	Carbonate Hardness as CaCO ₀	mg/l	4.0			2340 A	
21	Non-Carbonate Hardness as CaCO3	mg/l	Nil	1	7.41	2340 A	
22	Free Residual Chlorine	mg/i	BDL (DL=0.1)	0.2	21	4500 CI B	

BDL= Below Detectable Limit, DL= Detection Limit.

** To be applicable only when water is chlorinated. Report Opinion: The above submitted water sample complies with acceptable limits of drinking water specification as per IS 10500:2012 with respect to the above tests.

-End of Report-

NIRO SER CHENNAL 600 101. 3 Xerr Authorized Signatory *

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			TEST	REPORT		
Samp	e Ref No : EES/W/142/	08		Report No. 45	2/08	
Issued To: M/s. B.S. Abdur Rahman Crescent University, Seethakathi Estate, G.S.T Main Road, Vandalur, Chennal-500 048.				Report Date 28.08.19 Page: 1 of 1		
Samp Custo Samp	le Drawn By/ Date E mer's Reference II le Mark II	Vater ES/ 23.08.19 .etter Dated on 23.08.1 RO Water ES/SOP/MB/005	19		.08.19 1.08.19 1.08.19	
SI. No	PARAMETERS	UNITS	RESULTS	Requirement as per IS 10500: 2012 Second revision (Acceptable Limit)		PROTOCOL
	You concerning the second	M	ICROBIOLOGICAL	EXAMINATION		
1	Total Coliforms	MPN / 100ml	Absent	Shall not be detectable in any100 mi		IS:1622-1981 Amd 4 RA 2012
2	E.coli	MPN / 100ml	Absent	Shall not be detectable in any100 ml		IS:1622-1981 Amd 4 RA 2012

MPN- Most Probable Number

Report Opinion: The above submitted water sample meets the requirement of drinking water specification as per IS 10500:2012 with respect to the parameters tested.

----End of Report----

IRO SEA CHENNA 600.101 hudi 6 * Authorized Signatory

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			TEST F	REPORT			
Sample	e Ref No. : EES/W/141/08			Report No.	451/08		
Issued To: M/s. B.S. Abdur Rahman Crescent University, Seethakathi Estate, G.S.T Main Road, Vendalur, Chennai-600 048.				Page, 1 of 2	: 28.08.19		
Sampl Custor Sampl	mer's Reference : Lette le Mark : Raw	r / 23.08.19 ir Dated on 23.08,1 Water /QM/MSP/02	9	Commenced On :	23.08.19 23.08.19 28.08.19		
Sampling Procedure EES/QM/MSP/02			As Per IS 10500:2012				
SI. No	PARAMETERS	UNITS	RESULTS	Requirement (Acceptable limit)	Permissible limit in the absence of alternate source	PROTOCOL: APHA 23 rd Edition 2017	
			Physical	Properties			
1	Appearance When Analyzed After Filtration	1	Clear	-	-	38	
2	pH value at 25°C	-	7.43	6.5 - 8.5	6.5 - 8.5	4500 H° B	
3	Color	Hazen	5.0	5	15	2120 B	
4	Odor	-	Agreeable	Agreeable	Agreeable	IS 3025 P.5 1983 R.2012	
5	Turbidity	NTU	0.4	1	5	2130 B	
6	Electrical conductivity at 25°C	Micromhos/cm	2716	-	-	2510 B	
	The Advis	11		Properties ·			
7	Total Suspended Solids	mg/l	BDL (DL=1.0)		-	IS 3025. P.17. 1964 R 2012	
8	Total Dissolved Solids	mg/l	1780	500	2000	IS 3025:P.16:1964 R 2012	

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ROS CHEN 600 Authorized Signatory

NOTE: 1. Test results shown in this test report relate only to the items tested. 2. This test report shall not be reproduce anywhere except in full and in same format without the Approval of the laboratory 3. Unless informed by the customer the test items will not be retained for more than 10 days from The date of issue of test report (exceptional for Microbiology and wastewater for which retaining time 7 days.)



CERTIFICATE

The Institute has also received sanitary certificate from Department of Public health, Tamilnadu Government. It has been certified that there is a good water management and sanitation in the Institute.

