

No. M-17057/25/NGT/MPR/SCI/2025/616
GOVERNMENT OF PUDUCHERRY
DEPARTMENT OF SCIENCE, TECHNOLOGY AND ENVIRONMENT
PUDUCHERRY POLLUTION CONTROL COMMITTEE
3rd Floor, I-Housing Board Complex, Anna Nagar, Puducherry - 5.
Telephone: (0413) 2201256; Telefax: (0413) 2203494

Puducherry, the 26 JUN 2025

To

Shri. Anup Kumar Srivastava
Executive Director (Tech)
National Mission for Clean Ganga
Ministry of Jai Shakti,
1st Floor, Major Dhyan Chand National Stadium,
India Gate, New Delhi — 110 002.

Sir,

Sub: DSTE/PPCC-Submission of Progress Report on Restoration of Polluted River Stretches-Reg.

Ref: Letter received from MoJS, GoI vide no. Legal/OA No. 673/2018/NMCG/2019 date 08.10.2020.

With reference to the above-mentioned subject, the Progress Report for May 2025 is enclosed for your kind perusal.

Yours sincerely,



(Dr. N. Ramesh)
Member Secretary
PPCC

Enc1: as stated above

Copy to:

1. The Member Secretary,
Central Pollution Control Board,
Parivesh Bhawan, C.B.D. Cum-Office Complex,
East Arjun Nagar, Delhi — 110 032.

2. Standing Guard File

**Format for submission of Monthly Progress Report in the NGT Matter
OA No.673 of 2018 (in compliance to NGT order dated 24.09.2020)**

For the State of Puducherry

I. Overall status of the State (2011)

Total UT of Puducherry Population : 1247953

Puducherry District Population : 950289

Puducherry Urban Population : 657600 (950289x69.20%)

Puducherry Rural Population : 292689 (950289x30.80%)

II. Estimated Sewage Generation (MLD): 71 MLD (URBAN)

III. Details of Sewage Treatment Plants: Puducherry District

1.	Existing no. of STPs and Treatment Capacity (in MLD) Net Treatment capacity of STP's	3 Nos. of SBR – 51 MLD 2 Nos. of UASB – 5 MLD Total – 56 MLD
2.	Capacity Utilization of existing STPs: (18.18 + 17.60 + 18.47) = 54.25 MLD 54.25 / 56 = 96.88%	54.25 MLD (96.88%)
3.	MLD of sewage being treated through Alternate technology: (71-56=15 MLD)	15 MLD (on-site sanitation like septic tank, soak pit, etc.)
4.	Gap in Treatment Capacity in MLD: (71-56 =15MLD)	15 MLD (currently disposed through in-situe sanitation like septic tank and soak pit etc.) A 15 MLD SBR based STP is constructed at Dubrayenpet and would commence its operation by July,2025.
5.	No. of Operational STPs:	5 Nos.
6.	No. of Complying STPs	Three STPs of 17 MLD capacity meets the standards of pH, Total Suspended Solids, BOD, COD, Fecal Coliform, Total Nitrogen and Total Phosphorus as prescribed by the Central Pollution Control Board in Hon'ble NGT order in O.A. No. 1069 /2018 dated 30.04.2019.

Details of existing STPs in the State

Sl. No.	Location	Existing STP Capacity	Capacity being Utilized	Operational Status of STP	Compliance Status of STP
1	Puducherry	56 MLD	96.88 %	5	3

Details of under construction STPs in the State

Sl. No.	Location	Capacity of the plant in MLD	Physical Progress in%	Status of I & D or House sewer connections	Completion TimeLine
1	Puducherry	15	90	90 %	July, 2025
2	Karaikal	11	90	-	July, 2025

Details of proposed STPs in the State

Sl. No.	Location	Capacity of the STP proposed in MLD	Status of Project (at DPR Stage/under Tendering/Work to be Awarded)	Likely Date of Completion
1.	Puducherry	3 MLD	The retender called for 3 MLD using SBR Technology with FSTP at Kanuvapet was opened on 29-11-2024. Financial bid was opened on 08-02-2025 and the same was submitted to the competent authority for approval. Tender under process.	Can be furnished only after finalizing the tender.
2.	Mahe	For the construction of 0.5 MLD STP in Mahe, Administrative approval accorded by the Under Secretary to Govt. (LA) vide GO.Ms.No.18 / LAS/A1/24 dt.23.09.2024 for an amount of Rs.5,15,88, 990/-. Expenditure sanction to be issued by the LAD under Swatch Bharath Mission to execute the work.		Dec, 2025
3.	Yanam	As directed by the Work Advisory Board, the lowest tenderer issued negotiation letter. Further process of tender approval is in progress.		One year after issue of work order.

IV. Details of Industrial Pollution:

1.	No. of industries in the State:	3595
2.	No. of Effluent generating industries in the State:	115
3.	Quantity of effluent generated from the industries in MLD:	4.75 MLD
4.	Quantity of Hazardous Sludge generated from the Industries in TPA:	4828.8 kg/day
5.	Number of industrial units having ETPs:	115
6.	Number of industrial units connected to CETP:	Nil

7.	Number and total capacity of ETPs (details of existing/ under construction/ proposed)	Existing-115 Capacity-4.75 MLD
8.	Compliance status of the ETPs:	Monitored nine industries. One industry is not meeting the standards. Direction was issued on 02.06.2025 to the unit to upgrade the ETP.
9.	Number and total capacity of CETPs (details of existing / under construction /proposed)	Nil
10.	Status of compliance and operation of the CETPs	Nil

Town	No. of industries	Industrial discharge	Status of ETPs	Status of CETPs (existing, under construction & proposed)
Puducherry	3271	4746.2 KLD	Existing-115 nos.	Nil

V. Solid Waste Management:

1.	Total number of Urban Local Bodies and their Population.	5 ULB's (7,28,761, Census 2011)					
2.	Current Municipal Solid Waste Generation.	Total solid waste generation – 414 TPD					
		Sl. No.	ULB	Total waste generated (TPD)			
		1	PM	170			
		2	OM	170			
		3	KM	40			
		4	MM	8			
		5	YM	15			
			Total	414			
3.	Number, Installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing eg., -Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), bio-methanation, MRF etc	Integrated MSWM is being taken up for all types of waste by the ULBs.					
		S. No.	ULB	Processing	Bio-methanation	RDF	MRF through informal sectors
		1	PM & OM	240 TPD Compost	1 TPD 5KWH	120 TPD	2 TPD
		3	KM	40 TPD- Rapid compost	1 TPD 2KWH	15 TPD	2 TPD
		4	MM	8 TPD-Pipe Compost	-	4 TPD-MRF	-
		5	YM	15 TPD	-	-	3 TPD
			Total	303 TPD	2 TPD	139	7 TPD
4.	Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap> 20%)	Integrated Municipal Solid Waste Management projects including the scope of collection, transportation, processing and disposal are being implemented to handle all the types of waste generated in the ULBs – 610 MTs of waste from entire UT of Puducherry (urban local bodies and commune panchayats together)					

5.	No. and capacity of C&D waste processing Plants in TPD (existing, proposed and under construction)	C &D waste processing The work order has been issued for Karaikal and Yanam municipalities. Puducherry and Karaikal communes also included under C&D waste management.			
6.	Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source.	ULB	Number of Wards	Door-to-Door collection (DTDC)	Ground Status on Source Segregation
		PM	42	100%	20 %
		OM	37	100%	20 %
		KM	18	100%	30 %
		YM	14	100%	20 %
		MM	15	100%	Weekly in the commercial area and on a monthly basis in the residential area
7.	Details of MSW treatment facilities proposed and under construction (no. capacity and technology)	ULB	MSW treatment facilities proposed	Capacity	Status
		PM	Integrated SWM	370 TPD	The firm has established and commenced processing with effect from 01.02.2024
		OM			
		KM	Integrated SWM (Bio-methanation, BSF and Windrows composting)	40 TPD	100% of solid waste processing commenced on 15.10.2023, including a 1 TPD bio-methanation process and 10 TPD of vermicompost.
		YM	Integrated SWM (Bio-methanation, BSF and Windrows composting)	20 TPD	Door to door collection of Solid waste and transportation has also commenced. Processing has been initiated on 20.01.2024.
		MM	In-house composting is being practiced. There is no requirement of processing plant.		
		Pdy CP's	Integrated Municipal Solid Waste Processing Project at Puducherry commune panchayat	150 TPD	Processing of solid waste has been commenced.
		Kkl CP's	Integrated Municipal Solid Waste Processing Project at Puducherry commune panchayat	80 TPD	Processing of solid waste has been commenced.
8.	No. and area (in acres) of uncontrolled garbage dumpsites and sanitary landfills.	3Nos. of controlled Landfills			
		Puducherry		23.0 acre	
		Karaikal		8.32 acre	
		Yanam		0.618 acre	
		Total		31.938 Acres	

9.	No. and area (in acres) of legacy waste within 1 km buffer of both side of the rivers.	Nil
10.	No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers.	No. of drains: 172 All the drains that reaches the Sankaraparani and Arasalar rivers were identified and in-situ remediation of providing Grill gratings and Bar screen are completed in all the 172 drains.

Status of Legacy Waste Management:

Sl. No.	Region	Accumulated Quantity in MT	Bio mined in MT	Balance in MT	Timeline for completion
1	Puducherry	(Phase – I) 5.53 lakh tons (Phase – II) 3,48,989 MT commenced on 13.10.2023	5.53 lakh tons 3,48,989	Nil Nil	Completed on 30 th April, 2023 Completed on 15.08.2024
2	Karaikal	85350 commenced on 01.06.2023	85350	Nil	Completed on 31 st May 2024
3	Yanam	21600	21600	Nil	Completed during Feb, 2025

No legacy waste in Mahe Municipality is reported.

VI. Bio-medical Waste Management:

1	Total Bio-medical generation:	4828.8 kg/day
2	No. of Hospitals and Health Care Facilities:	450
3	Status of Treatment Facility/CBMWTF:	One Common Bio-Medical Waste Treatment Facility is functional.

VII. Hazardous Waste Management:

1	Total Hazardous Waste generation:	35737 TPA
2	No. of Industries generating Hazardous waste	149 industries have obtained authorisation.
3	Treatment Capacity of all TSDFs	-
4	Avg. Quantity of Hazardous waste reaching the TSDF and Treated.	NOC is awaited from KSPCB for TSDF disposal.
5	Detail so for-going or proposed TSDF	Environmental clearance has been obtained to establish a TSDF at Karaikal.

VIII. Plastic Waste Management:

1	Total Plastic Waste generation:	62276 TPA
2	Treatment/Measures adopted for the reduction or management of plastic waste:	The Government of Puducherry has imposed a total ban on single-use plastics, effective from August 2, 2019. As per the Government of India Notification, an Addendum has been notified by the Government of Puducherry for imposing additional SUP items like (i) Ear buds with plastic sticks, plastic sticks for balloons, candy sticks and ice cream sticks; (ii) Polystyrene [Thermocol] for decoration; (iii) Plates, cups, glasses, cutlery such as forks, spoons, knives, trays, stirrers, wrapping or packing films around sweet boxes, invitation cards and cigarette packets(iv) Plastics or PVC banners less than 100 micron; (v) Non-woven plastic carry bags less than 60 Gram per Square Meter (GSM). Standard Operating Procedure (SOP) for making SUP free Government office has been circulated to all the Government Departments and Industries. Surprise inspections are being carried out. As per the direction of MoEF & CC, GOI, “Action Plan on Elimination of Single Use Plastic (SUP)” in the Union Territory of Puducherry has been prepared with the approval of Special Task Force (STF). One seminar was conducted to the Hotel, Restaurent and Kalyanamandapam Association about Ill effects of Single Use Plastic (SUP) and usage of alternate products on 03.05.2025. A rally was conducted on 03.05.2025, on WED 2025 theme “Ending Plastics Pollution Globally”. Cleaning drive was conducted on 03.05.2025, at Indira Gandhi Stadium by the players and volunteers and segregated the SUP items by M/s Recity, Puducherry. Two units were closed on 25.02.2025 for violation of G.O.Ms.No.18/Envt/2019, dated 02.08.2019. Single Use Plastic (SUP) as per the notification of MoEF &CC, GOI is being strictly implemented by Local bodies and monitored by PPCC. For Setting up Material Recovery Facility (MRF) for 20 TPD Recyclable Plastic waste from Pondicherry and Oulgaret Municipality, MoU is under process.
IX	Details of Alternate Treatment Technology being adopted by the State/UT	Nil

X	Identification of polluting sources including drains contributing to river pollution and action as per NGT order on in-situ treatment:	All the drains that reach the Sankaraparani and Arasalar rivers were identified, and in-situ remediation of providing grill grating and sandbar screens was completed in all 172 drains.
XI	Details of Nodal Officer appointed by Chief Secretary in the State/UT:	The Development Commissioner has been appointed as Senior Nodal Officer, Government of Puducherry
XII	Details of meetings carried under the Chairmanship of Chief Secretary in the State/UT:	The 7th meeting of the Special Task Force (STF) on the elimination of single-use Plastic in the U.T. of Puducherry, under the Chairmanship of the Chief Secretary, was held on 09.04.2025. RRC meeting was held on 04.07.2024 under the Chairmanship of the Secretary (ST&E) to prepare and execute the Action Plan for Restoration of Gautami-Godavari and Coringa river. Action plan has been submitted to CPCB dt.22.07.2024. Meeting was also convened by Member Secretary, PPCC on 21.10.2024 to review the status of implementation of Action Plan.
XIII	Latest water quality of polluted river, distributaries, drains with flow details and ground water quality in the catchment of polluted river	Common STP Water Quality Data, Chunnambar and Arasalar River water quality data are given in Annexure-I.
XIV	Ground water regulation:	Pondicherry Ground Water Authority had closed 6 Nos. of tube wells in Puducherry region and 2 Nos. of tube wells in Karaikal Region for the illegal extraction of ground water.
XV	Good irrigation practices being adopted by the State:	Annexure- II
XVI	Rain Water Harvesting:	The planning authorities while issuing occupancy certificate ascertain that the conditions stipulated in the building permits regarding rain water harvesting measures have been complied with. The Puducherry Ground Water Authority does not issues fresh permits/renews permits to any industries/institutions unless Rain Water Harvesting System is installed in their respective buildings. 886 Rain Water Harvesting structure are constructed in the U.T of Puducherry by Department of Agriculture, Ground Water Authority and PWD.

XVII	Demarcation of Flood plain and removal of Illegal encroachments:	Demarcation of the flood plain and removal of illegal encroachments in the Karaikal region is to be prepared under FMBAP. The expert team from Central Water Commission, New Delhi has inspected the sites on 02.02.2023 for conducting field survey for sustainable water management in Karaikal Region. After getting necessary expert advice/recommendation from the expert team CWC, New Delhi necessary DPR will be prepared.
XVIII	Maintaining minimum e-flow of river:	Illegal sand mining affect e-flow in the rivers. Hence, orders u/s 144 of Cr.Pc were issued on 1 st April, 2019 prohibiting lorries, vans, two wheelers, bullock carts and any similar sand carrying vehicles. Check dams were constructed to regulate the flow.
XIX	Plantation activities along the rivers:	For the development of green belt along Chunnambar, Forest Department has planted 4000 trees.
XX	Development of bio-diversity park:	The mangrove area in Karaikal to an extent of 11-09-30 Hectares belongs to the Government and the rest of the area to an extent of 10-39-00 Hectares belongs to private owners. Deputy Collector (Revenue), Karaikal informed that as the matter is presently under court case, notification of Mangrove Forest area as Bio-diversity park will not be feasible till the outcome of the judgement.
XXI	Reuse of Treated Water:	Annexure-III
XXII	Model River being adopted by the State & Action Proposed for achieving the bathing quality standards:	Chunnambar River - Sankarabarani
XXIII	Status of Preparation of Action Plan by the 13 Coastal States:	Consultation meeting with NCCR, Chennai was held on 19.08.2024 P.M. in the chamber of the Chairman, PPCC w.r.t Preparation of revised Coastal Pollution Action Plan (CPAP) for UT of Puducherry. Draft revised Action plan was submitted by the NCCR, Chennai dt.29.04.2025. Comments/Suggestions provided by PPCC to NCCR 09.06.2025.
XXIV	Regulation of Mining Activities in the State/UT:	Illegal sand mining affect e-flow in the rivers. Hence, orders u/s 144 of CrPc were issued on 1 st April, 2019 prohibiting lorries, vans, two wheelers, bullock carts and any similar sand carrying vehicles. Check dams were constructed to regulate the flow.
XXV	Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring.	Three industries have been closed for discharging untreated effluent and sewage



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118

ULR - TC61182500008926F
Report No : ENR250522006-02

Page 1 of 1
Report Date : 27 May 2025

Customer Name : M/s. 17 MLD Sewage Treatment Plant
Customer Address : Lawspet, Puducherry
Sample Name : STP Outlet Water
Sample Description : STP Outlet Water
Reference : Test Request Form Dated 21.05.2025
Sample Identification : 2
Sample Drawn By : Laboratory
Sample Location : STP Area
Sampling Procedure : SMSLA/EN/SOP/001, SMSLA/MB/SOP/06

Sample Quantity : 1Ltr x 2No's
Sampling Date : 21 May 2025
Sample Received on : 22 May 2025
Test Started on : 22 May 2025
Test Completed on : 27 May 2025

TEST RESULTS

S.No	Parameter	Test Method	Unit	Results	As per NGT Limit
Biological					
1	Faecal Coliforms	APHA 24th Edition 9221 CIE - 2023	MPN/100mL	33	Desirable - 100 Permissible - 230
Chemical					
2	BOD at 27°C for 3 days	IS 3025 (Part 44) - 2023	mg/L	7.0	10 Max
3	COD	IS 3025 (Part 58) - 2023	mg/L	31	50 Max
4	Total Nitrogen as N	SMSLA/WT/SOP/034 - 2024	mg/L	5.6	10 Max
5	Total Phosphorous as P	APHA 24th Edition 4500 P B, D - 2023	mg/L	0.79	1.0 Max
Physical					
6	pH at 25°C	APHA 24th Edition 4500 H+ B - 2023	--	7.33	5.5 - 9.0
7	Total Suspended Solids (TSS)	APHA 24th Edition 2540 D - 2023	mg/L	3.0	20 Max

Note : MPN : Most Probable Number.

Remarks : The STP Outlet Water Sample Conforms to the NGT Discharge limit for the Parameters tested above.

/***** End of the Report *****/

S. Durga bai
Authorized Signatory-Biological

M. Sarathkumar
Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.

Note: Test results relate only to the items tested. Test Report shall not be reproduced in full or part without the approval of SMS Labs. Non-Perishable remnant samples will be disposed 15 days from the date of receipt unless otherwise agreed with the customer except in case of regulatory samples, which will be retained for a specific period as per regulatory requirements; while perishable and environmental remnant samples will be disposed consequently upon completion of testing. Samples are not drawn by laboratory unless or otherwise stated. A satisfactory test report in no way implies that a product so tested is approved by NABL. The Laboratory accepts no liability with regard to the origin or source from which the sample(s) is/ are said to be extracted.



SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118

ULR - TC61182500008930F
Report No : ENR250522007-02

Page 1 of 1
Report Date : 27 May 2025

Customer Name : M/s. 17 MLD Sewage Treatment Plant
Customer Address : Kanaganeri, Kathirkamam Puducherry-605 009
Sample Name : STP Outlet Water
Sample Description : STP Outlet Water
Reference : Test Request Form Dated 21.05.2025
Sample Identification : 2
Sample Drawn By : Laboratory
Sample Location : STP Area
Sampling Procedure : SMSLA/EN/SOP/001, SMSLA/MB/SOP/06

Sample Quantity : 1Ltr x 2No's
Sampling Date : 21 May 2025
Sample Received on : 22 May 2025
Test Started on : 22 May 2025
Test Completed on : 27 May 2025

TEST RESULTS

S.No	Parameter	Test Method	Unit	Results	As per NGT Limit
Biological					
1	Faecal Coliforms	APHA 24th Edition 9221 C I E - 2023	MPN/100mL	20	Desirable - 100 Permissible - 230
Chemical					
2	BOD at 27°C for 3 days	IS 3025 (Part 44) - 2023	mg/L	7.0	10 Max
3	COD	IS 3025 (Part 58) - 2023	mg/L	35	50 Max
4	Total Nitrogen as N	SMSLA/WT/SOP/034 - 2024	mg/L	6.2	10 Max
5	Total Phosphorous as P	APHA 24th Edition 4500 P B, D - 2023	mg/L	0.3	1.0 Max
Physical					
6	pH at 25°C	APHA 24th Edition 4500 H+ B - 2023	--	6.98	5.5 - 9.0
7	Total Suspended Solids (TSS)	APHA 24th Edition 2540 D - 2023	mg/L	12	20 Max

Note : MPN : Most Probable Number.

Remarks : The STP Outlet Water Sample Conforms to the NGT Discharge limit for the Parameters tested above.

/***** End of the Report *****/

S. Durga bai
Authorized Signatory-Biological

M. Sarathkumar
Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchattam Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.

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SMS LABS SERVICES PRIVATE LIMITED

TEST REPORT



TC-6118

ULR - TC61182500008932F
Report No : ENR250522008-02

Page 1 of 1
Report Date : 27 May 2025

Customer Name : M/s. 17 MLD Sewage Treatment Plant
Customer Address : Near New Light House, Dubrayapet, Puducherry-605001.
Sample Name : STP Outlet Water
Sample Description : STP Outlet Water
Reference : Test Request Form Dated 21.05.2025
Sample Identification : 2
Sample Drawn By : Laboratory
Sample Location : STP Area
Sampling Procedure : SMSLA/EN/SOP/001, SMSLA/MB/SOP/06
Sample Quantity : 1Ltr x 2No's
Sampling Date : 21 May 2025
Sample Received on : 22 May 2025
Test Started on : 22 May 2025
Test Completed on : 27 May 2025

TEST RESULTS

S.No	Parameter	Test Method	Unit	Results	As per NGT Limit
Biological					
1	Faecal Coliforms	APHA 24th Edition 9221 CI E - 2023	MPN/100ml	40	Desirable - 100 Permissible - 230
Chemical					
2	BOD at 27°C for 3 days	IS 3025 (Part 44) - 2023	mg/L	BLQ(LOQ:2.0)	10 Max
3	COD	IS 3025 (Part 58) - 2023	mg/L	9.8	50 Max
4	Total Nitrogen as N	SMSLA/WT/SOP/034 - 2024	mg/L	2.8	10 Max
5	Total Phosphorous as P	APHA 24th Edition 4500 P B, D - 2023	mg/L	0.47	1.0 Max
Physical					
6	pH at 25°C	APHA 24th Edition 4500 H+ B - 2023	--	7.13	5.5 - 9.0
7	Total Suspended Solids (TSS)	APHA 24th Edition 2540 D - 2023	mg/L	3.2	20 Max

Note : MPN : Most Probable Number BLQ : Below Limit of Quantification LOQ : Limit of Quantification.

Remarks : The STP Outlet Water Sample Conforms to the NGT Discharge limit for the Parameters tested above.

/***** End of the Report *****/

S. Durga bai
Authorized Signatory-Biological

M. Sarathkumar
Authorized Signatory-Chemical

Laboratory Address: 39/6, Thiruvallur High Road, Puduchatram Post, Thirumazhisai Via, Poonamallee Taluk, Chennai - 600124.

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Chunnambar River Water Quality Data - 2025			
Sl. No.	Parameters	May	Standard limit as per the Primary Water Quality Criteria for bathing water - Class of Water B (Water Used for Organised Outdoor Bathing) as per Environment (Protection) Rules, 1986
1	Date of sampling	05.05.2025	
2	Time	12.30 P.M	
3	Temp°C	30.0	
4	pH	8.73	6.5-8.5
5	DO (mg/l)	8.3	5 or more
6	BOD (mg/l)	3.3	3 or less
7	Total Coliform MPN/100 ml	350	
8	Faecal Coliform MPN/100ml	220	500 (Desirable) and 2500 (Max. Permissible)
9	Faecal Streptococci MPN/100ml	220	100 (Desirable) and 500 (Max. Permissible)

Arasalar River Water Quality Data - 2025			
Sl. No.	Parameters	May	Standard limit as per the Primary Water Quality Criteria for bathing water - Class of Water B (Water Used for Organised Outdoor Bathing) as per Environment (Protection) Rules, 1986
1	Date of sampling	05.05.2025	
2	Time	06.30 A.M	
3	Temp°C	28.5	
4	pH	7.46	6.5-8.5
5	DO (mg/l)	5.5	5 or more
6	BOD (mg/l)	BDL (DL:1.0)	3 or less
7	Total Coliform MPN/100 ml	210	
8	Faecal Coliform MPN/100ml	94	500 (Desirable) and 2500 (Max. Permissible)
9	Faecal Streptococci MPN/100ml	49	100 (Desirable) and 500 (Max. Permissible)

BDL - Below Detectable Limit; DL - Detection Limit
MPN- Most Probable Number

ANNEXURE-II

ADOPTION OF GOOD IRRIGATION PRACTICE

1. It is proposed to cover more area under precision farming.
2. System of Rice Intensification (SRI) is popularized among the farming community as a water saving measure.
3. Sustainable Sugarcane Initiative (SSI) for reducing water consumption in sugarcane crops is also being popularized.
4. Attractive subsidy assistance is being extended to farmers for installation of Drip/Sprinkler irrigation devices.
5. Attractive subsidy assistance is being extended to farmers for laying underground pipelines for conveyance of irrigation water.

Reuse of Treated Water

Station	Purpose	Quantity
Lawspet STP	Fodder Grass raising	6.0 MLD
	Coconut Plantation	
	Silk cotton trees	
	Natural recharging through impounding reservoir	9 MLD
Dubrayapet STP	To Pondy Marina Hotel	0.3 MLD
	Total	15.30 MLD