

DETAILS OF INSPECTION CONDUCTED – JUNE - 2023	
GREEN	
1.	Arcon Apex Chakai junction pettah
2.	Arcon Inspire ThampuranmukkuKulathoor
3.	Proposed Commercial Building Project of Sheron and Shahana, Kazhakootam
4.	Beacon Oasis Sasthamangalam
5.	Arcon Apex Chakai junction
ORANGE	
1.	Eminent Maruti Service Centre Mannanthala
2.	Mount Carmel Auditorium Trivandrum
3.	Proposed Residential Apartment Cheruvikkal
4.	Hotel Seven Hills Thampanoor
5.	Accubits Invent Private Ltd Mangalapuram
6.	Auto Tub Murukkumpuzha
7.	Complaint against spray paint unit Kaimanam
8.	V Five Elysium Block 1 Kalathour
9.	V Five Elysium Block 2 Kalathour
10.	PRS Apartment 23-3 near citizen council road Alatharasreekaryam
11.	iCloud Homes pvt.Ltd. Golf Club Kowdiar
12.	Air Force Station Beach P.O, Trivandrum
13.	Rajeev Gandhi Centre for Biotechnology Cheruvaikkal
RED	
	NIL

STATE WATER QUALITY MONITORING PROGRAMME (SWMP) 2023

Analysis Report for the month of JUNE-2023

Name of River

KARAMANA

Date and Time of Sample collection

09-06-2023

Method of analysis

Sl no.	Parameters	SAMPLE ID									
		Peppara	Aruvikkara	Mangatuikedavu	Pallathukedavu	Thiruvallom	Moonnattumukku				
1	Temperature, degree celsius	28	28	28	28	28	28	28	28	28	28
2	pH	6.6	7.3	7.4	6.9	7.1	7.6	7.1	7.1	7.1	7.6
3	Turbidity,NTU	0.9	1.1	1.4	1.7	1.9	1.9	1.9	1.9	1.9	1.9
4	Electrical Conductivity,µmhos/cm	63	72	136	189	376	423	376	376	376	423
5	DO,mg/L	8.2	7.1	6.8	6.2	6	5.6	6	6	6	5.6
6	BOD,mg/L	1.3	1.4	2.2	3.4	3.8	4.2	3.4	3.8	3.8	4.2
7	NH3N,mg/L	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
8	Nitrate,mg/L	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
9	Chloride,mg/L	8	10	24	36	70	76	70	70	70	76
10	Sulphate,mg/L	BDL	BDL	BDL	BDL	15	18	BDL	15	15	18
11	Phosphate,mg/L	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
12	Total Alkalinity as CaCO3,mg/L	22	24	28	40	60	70	40	60	60	70
13	Total Hardness as CaCO3,mg/L	22	24	32	48	80	98	48	80	80	98
14	Calcium Hardness as CaCO3,mg/L	17	18	25	40	55	82	40	55	55	82
15	Magnesium Hardness as CaCO3mg/L	5	6	7	8	25	16	8	25	25	16
16	Total Dissolved Solids,mg/L	40	43	81	106	211	237	106	211	211	237
17	Sodium,mg/L	4.2	5.6	12.8	18.8	36.8	40.1	18.8	36.8	36.8	40.1
18	Potassium,mg/L	1.5	1.7	4.2	4.5	12.2	8.5	4.5	12.2	12.2	8.5
19	Boron,mg/L	0	0	0	0	0	0	0	0	0	0
20	SAR	0.4	0.5	1	1.2	1.8	1.8	1.2	1.8	1.8	1.8
21	Total Coliform,cfu/100ml	500	600	1700	2300	4600	35800	2300	4600	4600	35800
22	Faecal Coliform,cfu/100ml	300	200	900	1100	2300	11500	1100	2300	2300	11500

[Signature]
05/07/2023

Assistant Environmental Scientist

KERALA STATE POLLUTION CONTROL BOARD

കേരള സംസ്ഥാന മലിനീകരണ നിയന്ത്രണ ബോർഡ്

DISTRICT OFFICE, THIRUVANANTHAPURAM
ജില്ലാ ഓഫീസ്, തിരുവനന്തപുരം

T. C. 12/96 (4,5), PLAMOODU JN., PATTOM P.O, THIRUVANANTHAPURAM – 695 004

ടി.സി. 12/96 (4,5), പ്ലാമൂട് ജംഗ്ഷൻ, പട്ടം പി.ഒ, തിരുവനന്തപുരം - 695 004

**ANALYSIS REPORT**

No: 202434

Date: 24/06/2023

Source		Kinfra, Pallithura, Thiruvananthapuram.		
Sample Received From		AES	Date of sample collection	20/06/2023
Date of Receipt		20/06/2023	Sample ID	6 (CETP Outlet)
Sl. No.	Parameter	Unit	Value	Permissible Limit
1	pH	-	7.7	6.5 - 8.5
2	Total Suspended Solids	mg/L	23	100
3	BOD (3 days @ 27 ^o c)	mg/L	4.8	30
4	COD	mg/L	20	250
5	Oil & Grease	mg/L	BDL	10
6	Fecal Coliform	cfu/100ml	700	--
Remarks: BDL-Below Detection Level				
Verified by <i>Mulera CAS</i>				
Scientist-in-Charge of Analysis			<i>[Signature]</i> 24/06/2023	
			ASSISTANT ENVIRONMENTAL SCIENTIST	

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KERALA STATE POLLUTION CONTROL BOARD

കേരള സംസ്ഥാന മലിനീകരണ നിയന്ത്രണ ബോർഡ്



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ANALYSIS REPORT

No: 202433

Date: 24/06/2023

Source		Medical College Hospital, Thiruvananthapuram.		
Sample Received From		AES	Date of sample collection	20/06/2023
Date of Receipt		20/06/2023	Sample ID	45 (STP Outlet)
Sl. No.	Parameter	Unit	Value	Permissible Limit
1	pH	-	6.9	6.5 - 9
2	Total Suspended Solids	mg/L	78	100
3	BOD (3 days @ 27°C)	mg/L	31.2	30
4	COD	mg/L	96	250
5	Oil & Grease	mg/L	BDL	10
6	Total Coliform	cfu/100ml	7400	-
7	Fecal Coliform	cfu/100ml	5600	-
Remarks: BDL-Below Detection Level				
Verified by <u>Mulena (As)</u>				
Scientist-in-Charge of Analysis				
 ASSISTANT ENVIRONMENTAL SCIENTIST				