



TAMILNADU POLLUTION CONTROL BOARD
ADVANCED ENVIRONMENTAL LABORATORY, CHENNAI -32
APRIL-2020 to MARCH-2021

RIVER - ADYAR

Point of Collection	pH	Conductivity	TSS	TDS	Chloride	Amm. Nitrogen	BOD	COD
		umhos/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
ALANDUR ABRAHAM BRIDGE (Downstream)								
APR-JUN 2020	7.83	1941	24	1436	338	0	10	64
JUL- SEP 2020	7.57	1997	30	1161	318	4	8	51
OCT-DEC 2020	7.34	5621	83	2942	2080	3	15	128
JAN-MAR 2021	7.54	1694	15	921	253	10	12	67
AVERAGE	7.57	2813	38	1615	747	4	11	77
THIRU.VI.KA. BRIDGE (Downstream)								
APR-JUN 2020	7.76	21137	28	16311	8700	12	22	208
JUL- SEP 2020	7.59	16407	69	9205	4785	8	8	67
OCT-DEC 2020	7.29	4020	70	2216	1023	4	10	56
JAN-MAR 2021	7.67	7893	47	4253	2667	14	21	75
AVERAGE	7.58	12364	53	7996	4294	10	16	101
NESAPAKKAM 23 MLD STP (OUTLET)								
APR-JUN 2020	8.88	2389	13	1783	495	5	6	40
JUL- SEP 2020	8.12	2079	6	1221	377	3	8	45
OCT-DEC 2020	7.63	1468	25	812	212	1	10	61
JAN-MAR 2021	8.39	2485	25	1369	235	4	8	45
AVERAGE	8.26	2105	17	1297	330	3	8	48
NESAPAKKAM 40 MLD STP (OUTLET)								
APR-JUN 2020	8.49	1914	11	1431	387	4	8	59
JUL- SEP 2020	8.36	2482	7	1511	460	3	8	48
OCT-DEC 2020	7.88	2419	10	1456	368	6	9	51
JAN-MAR 2021	8.41	2467	10	1393	447	6	6	37
AVERAGE	8.29	2320	9	1448	415	5	8	49



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		umhos/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
NESAPAKKAM 54 MLD STP (OUTLET)								
APR-JUN 2020	8.50	2143	13	1649	437	6	11	75
JUL- SEP 2020	8.98	3040	8	1793	520	5	10	72
OCT-DEC 2020	8.45	8	8	8	8	8	8	8
JAN-MAR 2021	8.41	2663	11	1565	452	5	7	48
AVERAGE	8.58	1964	10	1254	354	6	9	51

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Assistant Director (Lab)
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APRIL-2020 to MARCH-2021

RIVER - BUCKINGHAM CANAL

Point of Collection	pH	Conductivity	TSS	TDS	Chloride	Amm-Nitrogen	BOD	COD
		µmhos/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
WALLAJA ROAD BRIDGE								
APR-JUN 2020	7.12	3030	38	2302	600	4	12	88
JUL- SEP 2020	7.46	3070	45	1630	532	13	57	251
OCT-DEC 2020	7.28	2957	108	1655	512	10	32	141
JAN-MAR 2021	7.06	2353	112	1165	353	24	74	261
AVERAGE	7.23	2852	76	1688	499	13	44	185
LATTICE ROAD BRIDGE								
APR-JUN 2020	7.68	3840	16	2881	710	4	9	60
JUL- SEP 2020	7.50	5180	52	3043	1097	8	13	104
OCT-DEC 2020	7.12	1974	64	1106	336	12	44	203
JAN-MAR 2021	7.38	2800	13	1487	545	15	10	48
AVERAGE	7.42	3449	36	2129	672	10	19	104
KODUNGAIYUR 40 MLD STP (OUTLET)								
APR-JUN 2020	7.68	2048	17	1571	373	12	7	45
JUL- SEP 2020	7.57	1783	7	1014	283	8	9	64
OCT-DEC 2020	7.78	1718	17	975	283	10	11	59
JAN-MAR 2021	7.86	1917	12	1039	302	17	11	48
AVERAGE	7.72	1867	13	1150	310	12	10	54
KODUNGAIYUR 80 MLD STP (OUTLET)								
APR-JUN 2020	7.67	2125	23	1563	633	5	6	37
JUL- SEP 2020	7.41	2490	13	1418	385	8	14	117
OCT-DEC 2020	7.46	2218	17	1160	292	11	11	51
JAN-MAR 2021	7.89	2102	10	1134	313	18	10	35
AVERAGE	7.61	2234	16	1319	406	10	10	60



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RIVER - BUCKINGHAM CANAL

Point of Collection	pH	Conductivity	TSS	TDS	Chloride	Amm-Nitrogen	BOD	COD
		$\mu\text{mhos/cm}$	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
KODUNGAIYUR STP 110 MLD (OUTLET)								
APR-JUN 2020	7.75	2252	19	1699	415	2	7	43
JUL- SEP 2020	7.73	2547	14	1476	388	8	12	99
OCT-DEC 2020	7.52	2430	22	1315	380	7	12	67
JAN-MAR 2021	7.58	2285	19	1262	357	18	9	37
AVERAGE	7.64	2378	19	1438	385	9	10	61

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APRIL-2020 to MARCH-2021

RIVER - COOUVM

Point of Collection	pH	Conduc-tivity	TSS	TDS	Chloride	Amm-Nitrogen	BOD	COD
		µmhos/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Thirumangalam Causeway (Downstream)								
APR-JUN 20	7.63	2007	37	1451	353	5	13	112
JUL-SEP 20	7.58	2213	370	1283	370	10	15	91
OCT-DEC 20	7.12	1484	71	842	206	9	69	232
JAN-MAR 21	7.04	1844	107	1011	300	18	31	152
AVERAGE	7.34	1887	146	1147	307	10	32	147
Chitra Talkies Bridge (Downstream)								
APR-JUN 20	7.76	6143	25	4628	2117	13	13	112
JUL-SEP 20	7.72	5610	333	3272	1561	12	147	576
OCT-DEC 20	7.40	2217	35	1176	323	11	11	61
JAN-MAR 21	7.44	2301	64	1241	330	21	24	96
AVERAGE	7.58	4068	114	2579	1083	14	49	211
Napier Bridge (Downstream)								
APR-JUN 20	7.49	7420	25	5563	2783	11	11	104
JUL-SEP 20	7.48	4610	361	2500	995	10	34	149
OCT-DEC 20	7.38	10157	65	5497	3558	11	14	85
JAN-MAR 21	7.42	4610	22	2320	1157	17	15	83
AVERAGE	7.44	6699	118	3970	2123	12	19	105
Koyambedu 34 MLD STP (Outlet)								
APR-JUN 20	7.98	2037	27	1561	437	5	5	43
JUL-SEP 20	7.79	2317	9	1378	482	9	9	61
OCT-DEC 20	8.10	2032	17	1147	368	8	9	45
JAN-MAR 21	7.91	1992	10	1011	297	11	9	59
AVERAGE	7.94	2094	16	1274	396	8	8	52



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APRIL-2020 to MARCH-2021

RIVER - COOUVM

Point of Collection	pH	Conduc-tivity	TSS	TDS	Chloride	Amm-Nitrogen	BOD	COD
		$\mu\text{mhos/cm}$	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Koyambedu 60 MLD STP (Outlet)								
APR-JUN 20	7.87	1997	19	1510	475	4	7	45
JUL-SEP 20	7.67	2098	8	1268	368	9	8	56
OCT-DEC 20	7.71	2114	15	1179	335	6	10	45
JAN-MAR 21	7.55	2146	17	1118	353	9	10	53
AVERAGE	7.70	2089	15	1269	383	7	9	50
Koyambedu 120 MLD STP (Outlet)								
APR-JUN 20	7.76	2039	15	1529	398	4	12	109
JUL-SEP 20	7.65	2030	7	1157	365	2	10	77
OCT-DEC 20	8.03	1820	9	1057	265	1	10	48
JAN-MAR 21	7.52	2119	96	1153	312	14	43	152
AVERAGE	7.74	2002	32	1224	335	5	19	97
Koyambedu 120 MLD STP (Inlet)								
MARCH - 2021	7.36	2189	116	1164	350	26	107	176
AVERAGE	7.36	2189	116	1164	350	26	107	176

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RIVER - OTTERI NULLAH

Point of Collection	pH	Conduc-tivity	TSS	TDS	Chloride	Amm. Nitrogen	BOD	COD
		umhos/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
BLOCK L EAST RD BRIDGE (Downstream)								
APR-JUN 20	7.65	2332	34	1722	423	13	11	96
JUL- SEP 20	7.33	2182	29	1339	355	10	18	92
OCT-DEC20	7.41	2395	58	1250	353	19	14	104
JAN-MAR 21	6.70	1855	202	992	270	17	28	184
AVERAGE	7.27	2191	81	1326	350	15	18	119
ASPRIN GARDEN BRIDGE (Downstream)								
APR-JUN 20	7.60	2254	35	1711	448	10	11	88
JUL- SEP 20	7.70	1815	35	1367	343	6	10	64
OCT-DEC20	7.42	2730	32	1780	525	12	10	48
JAN-MAR 21	7.25	2122	34	1132	345	15	29	104
AVERAGE	7.49	2230	34	1498	415	11	15	76
VYASARPADI ROAD BRIDGE (Downstream)								
APR-JUN 20	7.58	2263	40	1684	395	2	18	123
JUL- SEP 20	7.44	2082	63	1173	330	9	10	83
OCT-DEC20	7.46	2076	163	1054	312	13	39	139
JAN-MAR 21	7.40	7.40	7.40	7.40	7.40	7.40	7.40	7.40
AVERAGE	7.47	1607	68	980	261	8	19	88

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