A.P. POLLUTION CONTROL BOARD
NATIONAL WATER MONITORING PROGRAMME (NWMP) DATA FOR THE MONTH OF MARCH - 2019

S.No.	Station code	Station name	District / RO	Programme	Frequency	Monitoring date	Sampling time	Weather	Depth (mtrs.)	Human activities	Floating matter	Colour	Odour	Flow (m3/Sec)	Water Temp(°C)	DO (mg/L)	pH	Conductivity uS/cm)	BOD (mg/L)	Nitrate-N (mg/L)	Nitrite-N (mg/L)	Fecal Coliform (MPN/100ml)	Total Coliform (MPN/100ml)	Saprobity index	Diversity index	Turbidity (NTU)	Phen-Alk. (mg/L)	Total Alk. (mg/L)	Chloride (mg/L)	COD (mg/L)	TKN (mg/L)	Ammonia-N (mg/L)	Hardness (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sulphate (mg/L)	Sodium (mg/L)	TDS (mg/L)	TFS (mg/L)	TSS (mg/L)	Phosphate (mg/L)	Boron (mg/L)	Potassium (mg/L)	Fluoride (mg/L)	%Sodium (mg/L)	SAR (mg/L)	Major polluting sources	Use of water in downstream
1	25	Upstream of river Krishna at Prakasam barrage	Krishna / Vijayawada	NWMP	Monthly	14.03.2019	11.00 A.M.	Clear	>1 mtr.	Bathing, Cloth washing etc.	None	None	None	-	26	7.1	7.55	402	1.0	0.73	----	<2	800	----	----	0.58	Nil	124	54	<10	BDL	0.20	162	58	112	28	30	250	243	4	0.04	0.20	3.2	0.18	28	1.0	Domestic	Irrigation purpose
2	1257	Upstream of Pennar river at Somasila	Nellore / Nellore	NWMP	Monthly	08.03.2019	04.00 P.M.	Clear	App 2-ft	----	----	Colorless	Odourless	-	19	7.3	7.72	656	1.6	0.57	----	<2	1100	----	----	1.43	Nil	205	88	12	BDL	0.04	188	112	76	42	62	410	400	6	0.08	0.32	4.2	0.39	40.9	2	Domestic	Irrigation purpose
3	1782	Puligadda aqueduct near Avanigadda (V)	Krishna / Vijayawada	NWMP	Monthly	23.03.2019	11.00 A.M.	Clear	>1 mtr.	Cattle washing, cloth washing, boathing etc.	Medium	None	None	-	27	5.5	7.8	32900	2.4	0.80	----	4	>1600	----	----	2.14	Nil	140	10600	18	BDL	0.93	5200	1090	3810	1700	5200	21300	21272	12	0.08	0.40	180	0.76	67.3	31.2	Domestic	Irrigation purpose
4	1787	River Krishna at Amaravathi	Krishna / Vijayawada	NWMP	Monthly	06.03.2019	09.50 A.M.	Clear	>100cm	None	----	None	None	-	22	7.5	7.39	780	1.2	0.72	----	2	800	----	----	0.40	Nil	178	96	<10	BDL	0.66	216	96	120	78	70	480	472	4	0.12	0.20	5	0.32	40.4	2.17	Domestic and agriculture	Irrigation purpose
5	1786	Downstream of Krishna river at Vedadri	Krishna / Vijayawada	NWMP	Monthly	14.03.2019	11.30 A.M.	Clear	Approx >1 mts	Bathing, cloth washing, boathing ect	----	Clear	None	-	27	7.1	7.47	980	1.4	0.80	----	<2	1300	----	----	0.44	Nil	228	118	<10	BDL	0.48	254	128	116	84	82	640	650	5	0.08	0.26	6.3	0.28	40.3	2.2	Industrial	Other
6	1790	2nd Causeway, Pulicot lake	Nellore / Nellore	NWMP	Monthly	08.03.2019	11.00 A.M.	Clear	2-3ft	Fishing	----	Colorless	Odourless	-	20	5.2	6.7	31500	2.6	2.79	----	4	>1600	----	----	1.76	Nil	188	9760	18	BDL	0.10	4200	1500	2700	1900	5900	20480	20450	10	0.65	0.83	114	0.70	74.5	39.4	Industrial	-
7	3051	Budameru canal near BDG at NH-5, Keesarapalli	Krishna / Vijayawada	NWMP	Monthly	06.03.2019	11.00 AM	Clear	Approx >1 mts	Fishing and Cloth Washing.	----	Clear	None	-	27	5.1	7.19	2179	4.4	2.52	----	4	>1600	---	---	1.80	Nil	680	250	28	BDL	4.84	472	232	240	65	192	1370	1360	10	2.56	0.83	59	1.06	43.1	3.8	-	Other
8	3052	Guntatippa drain B/C with Ryves canal at Ramavarapadu, Vijayawada	Krishna / Vijayawada	NWMP	Monthly	06.03.2019	10.30 AM	Clear	Approx >1 mts	----	----	Clear	None	-	26	5.4	6.95	1971	5.2	2.85	----	4	>1600	---	---	1.94	Nil	662	242	38	BDL	5.2	416	212	204	52	190	1284	1276	12	2.44	1.82	62	1.20	45.3	4.0	Agriculturer al	Other
9	1178	Downstream of Paleru river at Jaggaiahpet	Krishna/ Vijayawada	NWMP	Monthly	14.03.2019	01.15 P.M.	Clear	Approx >1 mts	Others	----	Clear	None	-	27	7.3	7.73	747	1.2	0.84	----	<2	800	----	---	0.60	Nil	250	98	<10	BDL	0.06	208	116	112	62	80	480	472	5	0.04	0.52	6.3	0.50	44.4	2.4	Industrial	----
10	1177	Downstream of Munneru river at Keesara	Krishna/ Vijayawada	NWMP	Monthly	**Sample was not collected due to dry condition for the month of March, 2019.**																																											
11	3079	D/s of River krishna after Confluence with treated Sewage dischsrging from 10 MLD STP locatedat Ramalingeshwarnagar, vijayawada. Oct)	Krishna/ Vijayawada	NWMP	Monthly	**Sample was not collected due to dry condition for the month of March, 2019.**																																											
12	30	River Pennar at Siddavatam, YSR District	**Sample was not collected due to dry condition for the month of March, 2019.**																																														
13	1174	River Thungabhadra at Bhavapuram	Kurnool / Kurnool	NWMP	Monthly	06.03.2019	8:05 AM	Clear	< 50 cm	Others	None	Clear	None		23	5.9	7.10	1598	2.8	1.9	0.03	100	700	---	---	8.6		301	211	22	0.8	0.6	284	132	152	179	234	924	741	12	0.2	0.3	4	0.6	64	6	---	---
14	1175	River Krishna at Sangameswaram	Kurnool / Kurnool	NWMP	Monthly	07.03.2019	08.50 AM	Clear	> 100 cm	Others	None	Clear	None		22	6.2	7.6	620	1.7	1.3	0.02	100	800	---	---	3.2		125	69	14	0.8	0.6	160	96	64	81	71	366	295	9	0.1	0.3	1.4	0.4	49	2.4	---	---
15	1255	River Pennar at Unganoor	**Sample was not collected due to dry condition for the month of March, 2019.**																																												
16	1256	River Pennar at Pushpagiri	**Sample was not collected due to dry condition for the month of March, 2019.**																																												
17	1785	River Thungabhadra at Manthralayam	**Sample was not collected due to dry condition for the month of March, 2019.**																																												
18	2350	River Hundri near Laxmipuram village	Kurnool/ Kurnool	NWMP	Monthly	06.03.2019	7:00 AM	Clear	< 50 cm	Others	None	Clear	None		21	5.5	7.60	1180	2.8	2.6	0.2	100	600	---	---	11.4		197	142	24	1.1	0.8	192	96	96	181	184	721	580	27	0.2	0.4	5	0.5	67	5.8	Domestic	--
19	2351	River Kundu at Nandyal	Kurnool/ Kurnool	NWMP	Monthly	06.03.2019	8:44 AM	Clear	50-100 cm	Others	None	Clear	None		25	6.0	7.4	1007	2.5	1.8	0.3	100	900	---	---	7.8		213	132	21	1.1	0.8	184	104	80	98	148	593	476	11	0.3	0.2	3	0.5	63	4.7	Town sewage	Irrigation
20	3083	River Krishna D/s. of Srishailam (Pathalaganga)	Kurnool/ Kurnool	NWMP	Monthly	07.03.2019	8.40 AM	Clear		Bathing ghat	uja Materia	Clear	None		25	6.3	7.6	493	1.2	1.4	0.02	200	1600	---	---	1.8		121	45	11	0.8	0.3	152	88	64	53	44	279	227	7	0.03	0.2	1.8	0.4	38	1.6	Domestic	Irrigation
21	14	River Godavari at Polavaram	West Godavari / Eluru	NWMP	Monthly	13.03.2019	02.45P M	Clear	50-100 cms	None	None	Clear	None	-	31	6.2	7.08	234	1.3	0.52	0.65	7	110			1.62	0.0	88	24	8	0.14	0.01	100	52	48	4.16	10.17	152	140	6	0.03	0.01	2.32	0.95	17.71	0.44	None	Drinking, washing, etc.
22	1218	U/s of River Godavari at Rajahmundry (Kumaradevam)	West Godavari / Eluru	NWMP	Monthly	13.03.2019	03.30 PM	Clear	50-100 cms	Cloth washings	None	Clear	None	-	30	6.0	7.08	212	1.2	0.18	0.26	4	95			3.10	0.0	88	15	4	0.11	0.01	88	48	40	5.43	10.20	138	126	8	0.01	0.01	2.38	0.06	19.61	0.47	None	Drinking, washing, etc.
23	1219	D/s of River Godavari at Rajahmundry (Dhavaleswaram)	East Godavari / Kakinada	NWMP	Monthly	15.03.2019	04.40 PM	Clear	50-100 cms	Cattle wading	Moderate	Brown	None	Moderate	31	6.0	7.21	255	2.0	0.23	0.14	7	75			6.34	0.0	108	15	4	0.10	0.01	120	80	40	9.30	7.12	166	152	5	0.01	0.01	1.78	0.65	11.26	0.28	Industrial, domestic	Drinking, washing, irrigation, etc.
24	1448	River Nagavali at Thotapally Regulatory	Vizianagaram / Vizianagaram	NWMP	Monthly	07.03.2019	01.30 PM	Cloudy	50-100	Others	None	Clear	None	-	30	6.2	6.94	585	1.2	9.32	0.03	15	240			5.24	0.0	160	68	8	0.14	0.01	240	140	100	36.82	25.49	380	360	10	0.01	0.01	2.64	0.04	18.57	0.72	Industrial	Agriculture purposes
25	2352	River Vamsadhara at Gara, Kalingapatnam	Vizianagaram	NWMP	Monthly	05.03.2019	12.30 PM	cloudy	50-100 cms	Others	None	Clear	None	-	32	5.8	7.04	345	1.5	0.17	0.01	11	240			10.90	0.0	120	39	4	0.12	0.01	128	80	48	8.60	20.88	224	212	19	0.01	0.01	3.47	0.14	25.56	0.80	Industrial	Agriculture purposes
26	2353	Kondakarla-Ava Lake, Kondakarla	Visakhapatnam	NWMP	Monthly	08.03.2019	05.00 PM	Clear	>100 cms	Others	None	Clear	None	-	30	6.2	7.08	1132	1.6	2.20	2.58	23	1100			4.73	0.0	328	181	24	0.26	0.02	288	188	100	7.67	132.3	736	720	21	0.01	0.12	7.81	0.62	49.16	3.39	Domestic	Washing purposes
27	2355	Tekri drain	Kakinada	NWMP	Monthly	12.03.2019	08.30 AM	Clear	50-100 cms	None	Moderate	Clear	None	Moderate	28	5.0	6.83	2880	1.9	2.03	0.06	21	1100			12.80	0.0	188	724	16	0.38	0.01	600	400	200	75.76	263.1	1680	1660	12	0.21	0.09	14.38	1.07	48.10	4.68	Industrial and domestic purposes	Washing purposes

28	2370	River Godavari at Rajahmundry U/s of Nalla channel	East Godavari / Kakinada	NWMP	Monthly	15.03.2019	09.15 AM	Clear	50-100 cms	Cattle wading	None	Clear	None	-	29	6.4	7.41	298	1.6	0.57	2.56	11	150			4.12	0.0	104	39	4	0.14	0.02	120	60	60	6.97	17.56	204	194	8	0.02	0.01	2.24	0.12	23.74	0.70	Industrial and domestic	Irrigation, drinking, and other purpose
29	2371	River Godavari at Rajahmundry D/s of Nalla channel	East Godavari / Kakinada	NWMP	Monthly	15.03.2019	09.40 AM	Clear	50-100 cms	Cattle wading	None	Clear	None	Moderate	30	6.2	7.26	191	1.6	0.34	0.16	7	75			3.24	0.0	60	20	8	0.12	0.01	88	48	40	14.50	5.62	124	112	14	0.01	0.01	1.74	0.05	11.95	0.26	Industrial and domestic	Irrigation, drinking, and other purpose
30	3053	Tulia bagh drain at Vemulavada	East Godavari	NWMP	Monthly	12.03.2019	09.00 AM	Clear	50-100 cms	None	Moderate	Clear	None	Moderate	28	4.5	7.43	1929	1.0	1.23	0.03	11	240			23.1	0.0	152	421	8	0.44	0.01	480	280	200	87.18	142.7	1080	1060	7	0.23	0.08	5.60	0.83	38.94	2.83	Industrial	Agricultural purposes
31	3067	Outlet of STP on river Godavari at Rajahmundry	East Godavari	NWMP	Monthly	15.03.2019	04.15 PM	Clear	>100cm	Others	None	Clear	None	-	31	5.3	7.36	207	2.5	0.45	0.04	7	120			4.34	0.0	68	24	4	0.10	0.02	88	48	40	4.24	6.91	124	112	4	0.01	0.01	1.83	0.12	14.28	0.32	Industrial and domestic	Agricultural purposes
32		River Vamsadhara at Battili	Vizianagaram	NWMP	Monthly	06.03.2019	02.30 PM	cloudy	50-100 cms	Others	None	Clear	None	-	31	5.8	6.92	311	1.4	0.13	0.01	28	150			2.64	0.0	104	39	8	0.16	0.01	120	72	48	5.26	17.55	202	192	6	0.02	0.01	3.07	0.53	23.58	0.70	Industrial	Agriculture purposes
33	2354	Samarla kota canal	Kakinada	NWMP	Monthly	15.03.2019	07.45 AM	Clear	50-100 cms		Moderate	Clear	None	Moderate	28	4.8	6.92	249	1.3	0.54	0.03	14	120			8.49	0.0	80	29	4	0.13	0.01	100	56	44	10.04	12.30	162	150	3	0.05	0.02	2.66	0.20	20.58	0.54	Industrial and domestic	Washing purposes
34	20004	Inlet of STP at Rajahmundry	East Godavari	NRCP	Monthly	15.03.2019	05.40 PM									4.2	6.96		24											96								536		82							None	Washing
35	20004	Outlet of STP at Rajahmundry	East Godavari	NRCP	Monthly	15.03.2019	05.40 PM									4.5	7.34		20											72								528		10							None	Washing