A.P. POLLUTION CONTROL BOARD

NATIONAL WATER MONITORING PROGRAMME (NWMP) DATA FOR THE MONTH OF MARCH- 2020

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 Colform (MPN/100ml)	Fecal Spectococi	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	08.03.2020	08.30 A.M	Clear	>1 mtr.	Bathing, Cloth washing etc.	---	Clear	None	-	23	7.1	7.80	640	1.2	0.68	----	<3	120	BDL	----	----	0.63	----	152	84	<10	BDL	0.06	184	118	66	58	56	390	378	4	0.10	0.20	4	0.49	39	1.8	Domestic	Irrigation purpose
2	1257	Upstream of Pennar river at Somasila	Nellore / Nellore	NWMP	Monthly	12.03.2020	03.00 P.M	Clear	3-4 ft	Fishing & Agriculture	----	Colorless	Odourless	-	23	7.4	7.78	938	1.4	0.86	----	<3	150	BDL	----	----	1.11	----	172	149	12	BDL	0.11	210	123	87	88	108	582	570	5	0.18	0.15	5	0.60	51.9	3.2	Domestic & agriculture	Domestic & Agriculture
3	1782	Puligadda aqueduct near Avanigadda (V)	Krishna / Vijayawada	NWMP	Monthly	09.03.2020	04.30 P.M	Clear	>1 mtr.	Cattle Washing, Boating	---	Turbid	None	Medium	27	4.6	7.96	34500	2.6	0.64	----	<3	75	BDL	----	----	0.99	----	158	10080	14	BDL	0.12	4600	1260	3340	2950	5980	22100	22061	10	0.08	0.28	326	1.20	72	38.2	Other	Fishing
4	1787	River Krishna at Amaravathi	Guntur / Guntur	NWMP	Monthly	12.03.2020	11.30 A.M	Clear	>100 cms.	Others	----	Clear	None	-	25	7.3	7.82	680	1.0	0.55	----	<3	120	BDL	----	----	0.72	----	196	88	<10	BDL	0.04	192	108	84	64	66	420	412	4	0.14	0.16	5	0.70	41.8	2.1	Other	Fishing
5	1786	Downstream of Krishna river at Vedadri	Krishna / Vijayawada	NWMP	Monthly	08.03.2020	12.30 P.M	Clear	Approx >1 mts	Bathing, cloth washing, boating ect	----	Clear	None	-	25	6.8	7.82	808	1.6	0.93	----	<3	120	BDL	----	----	0.58	----	198	116	<10	BDL	0.06	210	126	84	72	89	510	498	4	0.20	0.18	4	0.83	47.2	2.7	Other	Cultivation
6	1790	2nd Causeway, Pulicot lake	Nellore / Nellore	NWMP	Monthly	12.03.2020	11.00 A.M	Clear	2-3ft	Fishing	----	Colorless	Odourless	-	22	4.6	7.60	34700	2.2	1.26	----	<3	150	BDL	----	----	0.90	----	162	11600	12	BDL	0.18	5200	1700	3500	2340	5460	22200	22158	8	0.06	0.34	290	1.16	67.9	32.8	Industrial & other	Industrial & Fishing
7	3051	Budameru canal near BDG at NH-5, Keesarapalli	Krishna / Vijayawada	NWMP	Monthly	05.03.2020	11.30 A.M	Clear	>1 mts	Fishing and Cloth Washing.	----	Cloud	None	-	26	5.5	7.26	1580	3.8	3.12	----	<3	210	BDL	----	---	1.88	----	460	212	22	2.96	2.74	456	234	222	74	140	996	985	14	2.54	0.82	14	0.90	38.9	2.8	Other	Natural drain
8	3052	Guntatippa drain B/C with Ryves canal at Ramavarapadu, Vijayawada	Krishna / Vijayawada	NWMP	Monthly	05.03.2020	11.00 A.M	Clear	<1 mts	----	----	Cloud	None	-	26	4.8	7.42	1976	9.2	5.22	----	3	>2400	BDL	----	---	2.92	----	540	288	58	5.24	4.92	476	250	226	152	212	1250	1228	22	3.04	1.10	32	1.22	47	4.2	Industrial, Domestic & others	Cultivation
9	1177	Downstream of Munneru River at Keesara	Krishna / Vijayawada	NWMP	Monthly	08.03.2020	04.30 P.M	Cloudy	Approx >1 mts	Fishing, Bathing & Cloth washing	----	Clear	None	-	25	6.9	7.70	990	2.4	1.24	----	<3	210	BDL	----	---	0.94	----	274	126	12	BDL	0.06	282	146	134	82	95	610	600	8	0.22	0.26	5	0.90	41.6	2.5	Other	Cultivation
10	4375	Pavitra Sangamam at Ibrahimpatnam	Krishna/ Vijayawada	NWMP	Monthly	08.03.2020	08.15 A.M	Clear	Approx >1 mts	Bathing, Cloth washing etc.	None	Clear	None	-	24	7.2	7.72	466	1.0	0.56	----	<3	75	BDL	----	----	0.40	----	130	54	<10	BDL	0.04	160	104	56	45	36	284	276	4	0.10	0.20	4	0.42	32	1.2	Domestic	Irrigation purpose
11	4384	Infront of M/s Bhageeradha Chemicals & Industries Ltd., Cheruvukommupalem (V), Ongole (M), Prakasam District	Prakasam/ Ongole	NWMP	Monthly	10.03.2020	10.30 A.M	Clear & Sunny	About 500 ft	Industries	----	Colorless	Odorless	-	30	4.1	7.60	8720	1.8	5.88	----	<3	150	BDL	----	---	0.75	----	144	2386	14	BDL	0.12	1654	672	982	1026	1400	5580	5558	8	0.28	0.55	6	1.50	64.5	14.9	Industrial	Industrial & Domestic
12	4381	River Krishna after confluence with River Musi at Vadapalli (V), Guntur District	Guntur/ Guntur	NWMP	Monthly	10.03.2020	03.30 P.M	Clear	>100 CM.	Fishing	-	Clear	None	-	23	7.4	7.66	740	1.8	0.84	----	<3	210	BDL	----	---	0.86	----	123	132	12	BDL	0.06	176	104	72	88	92	460	448	6	0.14	0.30	4	0.76	52.2	3.0	Other	Irrigation purpose
13	4383	Sea Water Bay of Bengal Fishing Harbor, Nizampatnam	Guntur/ Guntur	NWMP	Monthly	05.03.2020	02.30 P.M	Clear	Approx>100 mtr.	Fishing	----	Clear	None	-	22	4.1	7.82	39200	2.6	0.72	----	<3	75	BDL	----	---	----	----	----	----	----	----	----	----	----	----	2280	----	25090	----	----	0.32	----	----	----	----	----	Other	Cultivation
14	4378	Sea Water Bay of Bengal Manginapudi Beach, Machilipatnam	Krishna / Vijayawada	NWMP	Monthly	09.03.2020	01.30 P.M	Clear	Approx >1 mts	Bathing	-	None	None	-	26	4.8	7.74	40600	2.4	0.60	----	<3	120	BDL	----	---	---	----	----	----	----	----	----	----	----	----	2516	-	26400	-	-	0.21	-	-	-	-	-	Other	Irrigation purpose
15	4385	Sea Water, Bay of Bengal. Kothapatnam Beach, Prakasam District,	Prakasam/ Ongole	NWMP	Monthly	10.03.2020	10.30 A.M	Clear & Sunny	Below 100m	Fishing & Salt Manufacturing	----	Colorless	Odourless	-	30	3.9	7.90	45420	2.2	0.58	----	<3	150	BDL	----	---	----	----	----	----	----	----	----	----	----	----	2720	---	29520	----	----	0.18	----	----	----	----	----	Other	Fishing & Salt Manufacturing
16	4386	Sea Water Bay of Bengal, Vadarevu Beach, Chirala, Prakasam District	Prakasam/ Ongole	NWMP	Monthly	10.03.2020	05.55 P.M	Clear & Sunny	Below 100m	Fishing	----	Colorless	Odorless	-	31	4.2	8.12	43100	2.6	0.74	----	<3	120	BDL	----	---	---	----	----	----	----	----	----	----	----	----	3048	----	26700	----	----	0.20	----	----	----	----	----	Other	Fishing
17	4387	Krishnapatnam Port	Nellore/ Nellore	NWMP	Monthly	10.03.2020	03.00 P.M	Clear	2-3 mtr.	Fishing	----	Colorless	Odourless	-	23	4.4	7.86	44600	2.8	0.66	----	<3	120	BDL	----	---	----	----	----	----	----	----	----	----	----	----	2410	----	28500	----	----	0.16	----	----	----	----	----	Industrial / Other	Industrial and Fishig
18	4346	Nagavali River near NH-16 Bridge, Up stream of Srikakulam, before confluence of town Sewage .	Srikakulam	NWMP	Monthly	**Sample Not Collected due to dry condition**																																												
19	4347	Nagavali River near Water pump house (Killipalem), Down stream of Srikakulam, after confluence of town sewage	Srikakulam	NWMP	Monthly																																												
20	4348	River Vamsadhara at Battili	Srikakulam	NWMP	Monthly																																												
21	4349	Sea Water,Bay of Bengal,after Confluence of marine outfall of M/s.Aurobindo pharma Ltd,M/s.Andhra Organics Ltd and M/s.Lantech Pharmaceuticals Ltd,Dhonipeta(V),Ranasthalam, Srikakulam	Srikakulam	NWMP	Monthly	05.03.2020	02.30PM	Clear	>100cms	Others	None	Clear	None	-	28	5.3	7.87	33680	2.1	0.86	0.02	9	93	-	-	-	-	2.39	-	-	-		0.28	0.05	-	-	-	-	-	24600	24560	6	0.04	0.12	359.70	1.31	-	-	Industrial	Fishing
22	2352	River Vamsadhara at Gara	Srikakulam	NWMP	Monthly	**Sample Not Collected due to dry condition**																																												
23	1448	River Nagavali at Thotapally Regulatory	Vizianagaram	NWMP	Monthly	04.03.2020	01.50PM	Cloudy	50-100 cms	Others	None	Clear	None	-	26	6.5	8.13	358	2.5	0.58	0.01	11	120	NIL	-	-	6.70	0.0	140	24	4.8	0.14	0.03	160	112	48	12.42	12.62	232	220	14	1.08	0.01	2.44	0.72	14.42	0.43	Industrial	Agricultural purposes
24	4351	River Nagavali Immediate Border between Andhra Pradesh & Orissa States, Near Sivalayam, Kuneru (V), Komarada (M)	Vizianagaram	NWMP	Monthly	04.03.2020	11.20AM	Clear	<50 cms	Others	None	Clear	None	-	24	6.7	7.76	408	1.4	1.01	0.02	15	150	NIL	-	-	14.1	0.0	152	39	2.8	0.28	0.05	180	100	80	9.18	15.32	260	250	23	0.24	0.02	1.76	0.58	15.48	0.50	Industrial	Agricultural purposes
25	4352	Sea water, Bay of Bengal, after confluence of Marine outfall of M/s Myan & M/s SMS Pharmaceuticals Ltd., Thammayyapalem, Poosapatirega, Vizianagaram District.	Vizianagaram	NWMP	Monthly	04.03.2020	09.15AM	Clear	>100 cms	Others	None	Clear	Fishy	-	26	6.0	8.03	34600	1.7	0.43	0.03	7	93	-	-	-	3.26	-	-	-		0.14	0.01	-	-	-	-	-	25940	25900	7	0.01	0.11	233.60	1.33	-	-	Industrial	Fishing
26	2353	Kondakarla-Ava Lake, Kondakarla	Visakhapatnam	NWMP	Monthly	18.03.2020	01.30PM	Clear	50-100 cms	Fishing	None	Clear	None	-	27	4.5	7.40	798	2.8	1.78	0.02	21	240	-	-	-	3.73	0.0	240	122	10.4	0.56	0.10	200	108	92	3.83	82.23	508	494	8	0.23	0.08	4.31	1.30	46.57	2.53	Domestic	Washing purposes
27	4356	Eleru Canal, Near Pharma City, Visakhapatnam	Visakhapatnam	NWMP	Monthly	17.03.2020	03.40PM	Clear	50-100 cms	Fishing	None	Clear	None	-	26	6.2	8.09	304	2.0	0.49	0.1	7	120	-	-	-	23.2	0.0	100	29	6	0.28	0.04	100	68	32	12.23	21.53	192	180	38	0.13	0.02	2.92	0.1	31.14	0.94	Industrial	Domestic
28	4357	Rushikonda Beach, Rushikonda, Visakhapatnam	Visakhapatnam	NWMP	Monthly	13.03.2020	04.30PM	Clear	>100cms	Fishing	None	Clear	None	-	25	6.0	7.88	35720	1.8	0.56	0.02	7	93	-	-	-	2.87	-	-	-		0.14	0.03	-	-	-	-	-	26340	26300	5	0.17	0.11	377.00	0.74	-	-	Industrial, domestic	Bathing & Wasing
29	1219	D/s of River Godavari at Rajahmundry (Dowlaiswaram)	East Godavari / Kakinada	NWMP	Monthly	05.03.2020	10.45AM	Clear	50-100 cms	Cattle wading	Moderate	Clear	None	-	28	8.4	7.81	196	1.4	0.51	0.01	15	150	NIL	-	-	11.7	0.0	68	20	2.4	0.28	0.05	80	40	40	6.61	9.32	126	118	20	0.45	0.02	1.69	0.72	19.81	0.45	Industrial, domestic	Bathing & Wasing
30	2354	Samalkota Canal Near Samalkota, Kakinada, East Godavari District.	East Godavari / Kakinada	NWMP	Monthly	05.03.2020	08.00AM	Clear	50-100 cms	Cattle wading	Moderate	Clear	None	-	27	6	7.83	284	1.5	0.44	0.01	4	93	-	-	-	2.31	0.0	112	24	6	0.14	0.06	124	80	44	5.17	10.62	180	170	5	0.37	0.02	2.12	0.51	15.44	0.42	Industrial, domestic	Bathing & Wasing
31	2355	Teki drain at Tallarevu, East Godavari District	East Godavari / Kakinada	NWMP	Monthly	03.03.2020	09.30 AM	Clear	50-100 cms	Fishing	Moderate	Clear	None	-	26	7.3	7.77	39096	2.8	0.70	0.12	21	240	-	-	-	2.16	0.0	172	14871	28	0.42	0.15	4340	780	3560	812	7222	28476	28450	8	0.03	0.18	13.85	0.58	78.30	47.71	Industrial, domestic	Agricultural purposes
32	2370	River Godavari at Rajahmundry U/s of Nalla channel	East Godavari / Kakinada	NWMP	Monthly	05.03.2020	10.00 AM	Clear	50-100 cms	Cattle wading	None	Clear	None	-	28	8.5	7.44	260	2.2	0.98	0.02	11	120	NIL	-	-	3.52	0.0	100	20	6.8	0.14	0.03	112	72	40	9.18	10.31	168	160	6	0.02	0.01	1.67	0.50	16.44	0.42	Industrial, domestic	Drinking, washing, irrigation, etc.
33	2371	River Godavari at Rajahmundry D/s of Nalla channel	East Godavari / Kakinada	NWMP	Monthly	05.03.2020	10.15 AM	Clear	50-100 cms	Cattle wading	None	Clear	None	-	26	6.5	7.87	230	1.8	0.36	0.03	15	150	NIL	-	-	1.32	0.0	88	20	3.6	0.14	0.02	100	60	40	6.8	9.11	148	140	4	0.01	0.01	1.79	0.47	16.25	0.40	Industrial, domestic	Drinking, washing, irrigation, etc.
34	3053	Tuliabagh drain at Vemulavada, East Godavari District	East Godavari / Kakinada	NWMP	Monthly	03.03.2020	09.00 AM	Clear	>100cms	None	Moderate	Clear	None	-	26	1.5	6.98	4896	5.0	1.33	0.01	21	460	-	-	-	15.09	0.0	212	4892	13.2	0.42	0.07	540	296	244	93.66	2552.00	8460	8420	92	0.97	0.12	344.1	0.50	85.00	47.80	Industrial, domestic	Agricultural purposes
35	3067	U/s River Godavari Dowleiswaram after confluence of STP Outlet	East Godavari / Kakinada	NWMP	Monthly	05.03.2020	10.42 AM	Clear	>100cm	Others	None	Clear	None	-	26	7.7	7.45	252	2.4	1.1	0.04	15	150	-	-	-	4.01	0.0	100	20	4.8	0.14	0.04	108	68	40	4.49	9.50	160	152	9	0.03	0.01	2.61	0.73	15.67	0.40	Industrial, domestic	Agricultural purposes
36	4358	River Gowthami (Godavari) Govalanka, Injaram (V), Near GMC Balayogi Bridge, Tallarevu (M), East Godavari District	East Godavari / Kakinada	NWMP	Monthly	03.03.2020	10.45 AM	Clear	>100cm	Fishing	Moderate	Clear	None	-	26	4.8	7.00	6490	2.8	3.57	0.02	9	120	NIL	-	-	1.68	0.0	224	695	25.2	0.56	0.12	580	360	220	95.36	319.4	4212	4196	3	1.22	0.14	3.40	0.61	54.35	5.77	Industrial, Agricultural	Irrigation & Aqua culture purposes

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