

A.P. POLLUTION CONTROL BOARD

NATIONAL WATER MONITORING PROGRAMME (NWMP) DATA FOR THE MONTH OF FEBRUARY- 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 (m ³ /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)	Fecal Spectococci	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	SAR (mg/L)	Major polluting sources	Use of water in downstream			
1	25	Upstream of river Krishna at Prakasam barrage	Krishna / Vijayawada	NWMP	Monthly	24.02.2020	10.30 A.M	Clear	>1 mtr.	Bathing, Cloth washing etc.	---	Clear	None	-	20	7.4	7.27	550	1.2	0.99	---	210	<3	BDL	---	---	0.56	---	146	58	<10	BDL	0.06	176	112	64	43	36	340	330	4	0.06	0.18	2.90	0.42	30.2	1.2	Domestic	Irrigation purpose			
2	1257	Upstream of Pennar river at Somasila	Nellore / Nellore	NWMP	Monthly	03.02.2020	01.00 P.M	Clear	3-4 ft	Fishing & Agriculture	---	Colorless	Odourless	-	21	7.4	7.62	980	1.8	0.76	---	150	<3	BDL	---	---	1.04	---	168	142	12	BDL	0.12	212	108	104	92	102	614	600	6	0.10	0.28	5.06	0.72	50.2	3	Domestic & agriculture	Domestic & Agriculture			
3	1782	Puligadda aqueduct near Avanigadda (V)	Krishna / Vijayawada	NWMP	Monthly	04-02-2020	04.30 P.M	Clear	>1 mtr.	Cattle Washing, Boating	---	Turbid	None	Medium	24	4.9	8.02	19580	2.4	0.56	---	75	<3	BDL	---	---	1.06	---	164	6100	12	BDL	0.04	1834	620	1214	1161	3600	12720	12698	12	0.11	0.30	202	0.62	78.8	36.4	Other	Fishing			
4	1787	River Krishna at Amaravathi	Guntur / Guntur	NWMP	Monthly	06.02.2020	11.15 A.M	Clear	>100 cms.	Others	---	Clear	None	-	20	7.6	7.64	580	1.2	0.62	---	150	<3	BDL	---	---	0.70	---	134	82	<10	BDL	0.08	192	102	90	58	46	365	350	4	0.12	0.30	4.12	0.90	33.5	1.4	Other	Fishing			
5	1786	Downstream of Krishna river at Vedadi	Krishna / Vijayawada	NWMP	Monthly	06.02.2020	11.30 A.M	Clear	Approx >1 mts	Bathing, cloth washing, boating ect	---	Clear	None	-	25	7.2	7.78	794	1.4	0.89	---	120	<3	BDL	---	---	0.53	---	166	92	<10	BDL	0.12	192	120	72	62	64	490	476	6	0.09	0.26	3.64	0.72	41.3	2.0	Other	Cultivation			
6	1790	2nd Causeway, Pulicot lake	Nellore / Nellore	NWMP	Monthly	03.02.2020	11.00 A.M.	Clear	2-3ft	Fishing	---	Colorless	Odourless	-	23	4.4	7.91	31330	2.4	1.11	---	120	<3	BDL	---	---	0.84	---	162	9200	12	BDL	0.04	4350	1380	2970	2410	6300	20680	20648	10	0.08	0.26	346	0.82	73.9	41.3	Industrial & other	Industrial & Fishing			
7	3051	Budameru canal near BDG at NH-5, Keesarapalli	Krishna / Vijayawada	NWMP	Monthly	24.02.2020	09.30 A.M	Clear	>1 mts	Fishing and Cloth Washing.	---	Cloud	None	-	26	5.8	7.01	1613	4.0	4.64	---	240	<3	BDL	---	---	2.04	---	492	248	20	4.08	3.76	492	250	242	80	158	1018	990	12	2.80	0.74	12	0.93	40.6	3.1	Other	Natural drain			
8	3052	Guntatippa drain B/C with Ryves canal at Ramavarapadu, Vijayawada	Krishna / Vijayawada	NWMP	Monthly	24.02.2020	09.00 A.M	Clear	<1 mts	---	---	Cloud	None	-	26	5.2	7.11	2056	7.2	6.34	---	>2400	3	BDL	---	---	3.40	---	488	322	62	5.90	5.10	480	264	216	160	236	1310	1286	20	3.50	2.08	38	1.14	49.1	4.7	Industrial, Domestic & others	Cultivation			
9	1177	Downstream of Munneru River at Keesara	Krishna / Vijayawada	NWMP	Monthly	06-02-2020	04.30 P.M	Cloudy	Approx >1 mts	Fishing, Bathing & Cloth washing	---	Clear	None	-	25	7.1	7.80	860	2.2	1.11	---	210	<3	BDL	---	---	0.88	---	260	114	<10	BDL	0.12	264	168	96	82	538	526	6	0.33	0.40	4.52	0.84	39.7	2.2	Other	Cultivation				
10	1178	Downstream of Paleru river at Jaggaiahpet	Krishna / Vijayawada	NWMP	Monthly	06.02.2020	12.40 P.M	Clear	Approx >1 mts	Others	Water hyacinth	Clear	None	-	26	7.6	7.86	909	2.0	1.42	---	150	<3	BDL	---	---	0.92	---	272	112	12	BDL	0.04	352	208	144	74	78	572	560	6	0.22	0.30	4.96	0.94	32.0	1.8	Other	Drinking water source to Jaggaiahpet			
11	4385	Sea Water, Bay of Bengal. Kothapatnam Beach, Prakasam District.	Prakasam/ Ongole	NWMP	Monthly	11.02.2020	02.50 P.M	Clear & Sunny	Below 100m	Fishing & Salt Manufacturing	---	Colorless	Odourless	-	31	4.8	7.42	32800	2.2	1.10	---	210	<3	BDL	---	---	---	---	---	---	---	---	---	---	---	---	---	2200	---	21000	---	---	0.60	---	---	---	---	---	---	Other	Fishing & Salt Manufacturing	
12	4387	Krishnapatnam Port	Nellore/ Nellore	NWMP	Monthly	03.02.2020	03.00 P.M	Clear	2-3 mtr.	Fishing	---	Colorless	Odourless	-	21	4.2	7.91	31330	2.6	0.90	---	120	<3	BDL	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1980	---	20680	---	---	0.36	---	---	---	---	---	---	Industrial / Other	Industrial and Fishig
13	4383	Sea Water Bay of Bengal Fishing Harbor, Nizampatnam	Guntur/ Guntur	NWMP	Monthly	10.02.2020	01.45 P.M	Clear	Approx>1 00 mtr.	Fishing	---	Clear	None	-	21	4.4	7.74	37660	2.4	0.96	---	120	<3	BDL	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	Other	Cultivation	
14	4386	Sea Water Bay of Bengal, Vadarevu Beach, Chirala, Prakasam District	Prakasam/ Ongole	NWMP	Monthly	11.02.2020	06.40 P.M	Clear & Sunny	Below 100m	Fishing	---	Colorless	Odorless	-	30	5.1	7.56	34100	2.4	1.16	---	150	<3	BDL	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	Other	Fishing	
15	4375	Pavitra Sangamam at Ibrahimpatnam	Krishna/ Vijayawada	NWMP	Monthly	06.02.2020	06.15 P.M	Clear	Approx >1 mts	Bathing, Cloth washing etc.	None	Clear	None	-	24	7.0	7.65	447	1.2	0.53	---	210	<3	BDL	---	---	0.38	---	132	50	<10	BDL	0.04	156	100	56	41	32	270	260	4	0.07	0.30	3.10	0.38	30.2	1.1	Domestic	Irrigation purpose			
16	4378	Sea Water Bay of Bengal Manginapudi Beach, Machilipatnam	Krishna / Vijayawada	NWMP	Monthly	11.02.2020	11.30 A.M	Clear	Approx >1 mts	Bathing	-	None	None	-	25	4.5	7.78	37490	2.2	0.80	---	120	<3	BDL	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	Other	Irrigation purpose	
17	4379	Upputeru before confluence with sea at Chinnagollapalem	Krishna / Vijayawada	NWMP	Monthly	20.02.2020	05.00 P.M	Clear	Aprox >1mts	-	Water hyacinth	None	None	-	25	4.9	7.69	33300	2.2	0.76	---	210	<3	BDL	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	Other	Irrigation purpose		
18	4381	River Krishna after confluence with River Musi at Vadapalli (V), Guntur District	Guntur/ Guntur	NWMP	Monthly	13.02.2020	02.45 P.M	Clear	>100 CM.	Fishing	-	Clear	None	-	23	7.3	7.92	663	1.8	0.92	---	240	<3	BDL	---	---	0.90	---	108	110	<10	BDL	0.06	168	94	74	70	72	410	398	6	0.11	0.42	4.80	0.70	47.2	2.4	Other	Irrigation purpose			
19	4384	Infront of M/s Bhageeratha Chemicals & Industries Ltd., Cheruvukommapalem (V), Ongole (M), Prakasam District	Prakasam/ Ongole	NWMP	Monthly	11.02.2020	10.45 A.M	Clear & Sunny	About 500 ft	Industries	---	Colorless	Odorless	-	31	4.6	7.72	8900	1.8	5.86	---	120	<3	BDL	---	---	0.80	---	478	2190	16	BDL	0.18	2440	670	1770	952	1280	5690	5664	8	0.42	0.58	22	1.70	52.8	11.2	Industrial	Industrial & Domestic			
20	1523	Borewell sample collected near M/s. The Andhra Sugars Ltd.(C & F Division), Kovvur	West Godavari /Eiuru	NWMP	Monthly	15.02.2020	11.00 A.M.	Clear	>100 cms.	Others	---	Clear	None	-	29	4.4	7.52	338	1.8	0.16	---	28	<3	BDL	---	---	0.60	---	144	28	<10	BDL	0.04	140	98	42	8	13	210	201	4	0.06	0.08	3.10	0.38	16.3	0.476	Domestic & agriculture	Agricultural Purpose			
21	4346	Nagavali River near NH-16 Bridge, Up stream of Srikakulam, before confluence of town Sewage .	Srikakulam	NWMP	Monthly	10.02.2020	05.30 PM	Clear	50-100 cms	Others	None	Clear	None	-	25	8.3	7.79	467	2.7	1.70	0.02	21	150	NIL	-	-	3.34	0.0	180	59	5.6	0.14	0.03	200	116	84	9.47	25.58	312	302	7	0.64	0.02	5.3	0.61	21.23	0.73	Industrial	Agricultural purposes			
22	4347	Nagavali River near Water pump house (Kilipalem), Down stream of Srikakulam, after confluence of town sewage	Srikakulam	NWMP	Monthly	10.02.2020	04.30 PM	Clear	50-100 cms	Others	None	Clear	None	-	24	7.9	7.13	340	2.9	1.96	0.01	23	210	NIL	-	-	17.3	0.0	180	29	10.8	0.28	0.05	152	104	48	13.54	35.52	284	270	35	0.30	0.03	4.93	0.15	30.92	1.15	Industrial	Agricultural purposes			
23	4348	River Vamsadhara at Battili	Srikakulam	NWMP	Monthly	06.02.2020	11.00 AM	Clear	50-100 cms	Others	None	Clear	None	-	26	7.0	7.96	312	2.4	0.64	0.01	11	120	NIL	-	-	3.54	0.0	140	20	4.0	0.14	0.02	148	72	76	8.8	9.33	208	196	7	0.05	0.01	2.69	0.48	11.83	0.33	Industrial	Agricultural purposes			
24	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, Dhoniapeta(V), Ranasthalam, Srikakulam	Srikakulam	NWMP	Monthly	06.02.2020	01.00 PM	Clear	>100cms	Others	None	Clear	None	-	27	7.6	13.20	40300	2.0	0.46	0.01	9	93	-	-	-	0.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Industrial	Fishing	
25	2352	River Vamsadhara at Gara	Srikakulam	NWMP	Monthly	06.02.2020	02.00 PM	Cloudy	<50 cms	Others	None	Clear	None	-	26	6.2	7.86	276	2.1	0.49	0.02	9	93	NIL	-	-	13.50	0.0	132	15	5.6	0.28	0.04	112	60	52	4.19	18.99	184	172	27	0.06	0.01	3.23	0.12	26.27	0.78	Industrial	Agricultural purposes			
26	1448	River Nagavali at Thotapally Regulatory	Vizianagaram	NWMP	Monthly	10.02.2020	03.40 PM	Cloudy	50-100 cms	Others	None	Clear	None	-	26	5.9	7.98	348	2.7	0.61	0.01	15	150	NIL	-	-	2.88	0.0	152	24	3.2	0.14	0.03	148	80	68	8.47	17.95	232	220	5	0.0										

