

**A.P. POLLUTION CONTROL BOARD
NATIONAL WATER MONITORING PROGRAMME (NWMP) DATA FOR THE MONTH OF AUGUST - 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	07.08.2019	03.30 P.M.	Clear	>1 mtr.	Bathing, Cloth washing	---	Clear	None	-	26	7.1	7.22	286	0.8	0.42	---	<2	800	---	---	0.28	---	64	50	<10	BDL	0.06	100	44	56	26	21	178	172	4	0.10	0.06	3.11	0.15	30.4	0.9	Domestic	Irrigation purpose	
2	1257	Upstream of Pennar river at Somasila	Nellore / Nellore	NWMP	Monthly	05.08.2019	11.00 P.M.	Clear	3-4 ft	---	---	Colorless	Odourless	-	18	7.5	7.50	880	1.2	0.53	---	<2	920	---	---	0.92	---	152	140	<10	BDL	0.08	228	150	78	76	80	560	552	4	0.18	0.06	4.8	0.22	42.5	2.3	Domestic & agricultural	Domestic & Agriculture	
3	1782	Puligadda aqueduct near Avanigadda (V)	Krishna / Vijayawada	NWMP	Monthly	31.08.2019	12.15 P.M.	Clear	>1 mtr.	Cattle washing, cloth washing, boating etc.	---	Turbid	None	Medium	26	5.2	7.74	34500	2	0.70	---	4	1300	---	---	1.94	---	152	10460	14	BDL	0.20	5700	1910	3790	2410	5620	22400	22372	12	0.14	0.28	294	0.83	66.6	32.2	Other	Fishing	
4	1787	River Krishna at Amaravathi	Krishna / Vijayawada	NWMP	Monthly	08.08.2019	02.05 P.M.	Clear	>50-100 cms.	Others	---	Clear	None	-	21	7.2	7.71	218	0.8	0.16	---	<2	800	---	---	0.28	---	60	28	<10	BDL	0.02	64	28	36	12	16	130	124	4	0.02	0.06	3.20	0.18	33.6	0.86	Other	Fishing	
5	1786	Downstream of Krishna river at Vedadri	Krishna / Vijayawada	NWMP	Monthly	06.08.2019	02.00 P.M.	Clear	Approx >1 mts	Bathing, cloth washing, boating ect	---	Clear	None	-	26	7.4	7.53	532	0.8	0.38	---	<2	1300	---	---	0.30	---	148	76	<10	BDL	0.12	150	58	92	44	56	320	314	4	0.06	0.04	3.2	0.52	43.9	2	Other	Cultivation	
6	1790	2nd Causeway, Pulicot lake	Nellore / Nellore	NWMP	Monthly	05.08.2019	11.00 A.M.	Clear	2-3ft	Fishing	---	Colorless	Odourless	-	18	5.1	7.73	41290	2.2	0.60	---	4	1600	---	---	1.92	---	186	12300	16	BDL	0.18	5600	1986	3410	3100	6520	26700	26680	12	0.12	0.24	340	1.21	70	37.7	Industrial & other	Industrial & Fishing	
7	3051	Budameru canal near BDG at NH-5, Keesarapalli	Krishna / Vijayawada	NWMP	Monthly	07.08.2019	04.30 PM	Clear	Approx >1 mts	Fishing and Cloth Washing.	---	Cloud	None	-	26	6.4	7.82	1124	3.6	1.80	---	4	1300	---	---	1.52	---	170	162	20	BDL	1.72	236	128	108	117	110	710	700	12	0.34	0.40	18	0.72	47.9	3.1	Other	Other	
8	3052	Guntatippa drain B/C with Ryves canal at Ramavarapadu, Vijayawada	Krishna / Vijayawada	NWMP	Monthly	07.08.2019	04.00 PM	Clear	Approx <1 mts	---	---	Clear	None	-	26	5.6	7.30	2144	7.0	2.43	---	4	>1600	---	---	1.62	---	608	272	48	BDL	4.70	408	210	198	102	246	1372	1360	16	2.82	1.80	78	1.16	51.2	5.3	Industrial & Agricultural	Cultivation	
9	1177	Downstream of Munneru River at Keesara	Krishna / Vijayawada	NWMP	Monthly	06.08.2019	06.00 AM	Clear	Approx >1 mts	Fishing, Bathing & Cloth washing	---	Clear	None	-	25	7.1	7.22	702	0.8	0.74	---	<2	800	---	---	0.56	---	180	92	<10	BDL	0.10	188	92	96	68	72	420	412	4	0.18	0.12	4.21	0.16	44.5	2.2	Other	Drinking water source to Jaggaiahpet	
10	1178	Downstream of Paleru river at Jaggaiahpet	Krishna/ Vijayawada	NWMP	Monthly	06.08.2019	02.30 P.M.	Clear	Approx >1 mts	Others	Water hyacinth	Clear	None	-	26	7.2	7.64	740	1.2	0.84	---	<2	800	---	---	0.60	---	150	102	<10	BDL	0.10	186	84	102	68	68	456	446	5	0.04	0.12	4.5	0.32	43.3	2.2	Other	Drinking water source to Jaggaiahpet	
11	4385	Sea Water, Bay of Bengal. Kothapatnam Beach, Prakasam District.	Prakasam/ Ongole	NWMP	Monthly	06.08.2019	02.30 P.M.	Clear & Sunny	Below 100m	Fishing & Salt Manufacturing	---	Colorless	Odourless	-	27	4.9	7.08	52850	2.3	0.40	---	4	1600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	Other	Marine	
12	4387	Krishnapatnam Port	Nellore/ Nellore	NWMP	Monthly	05.08.2019	3.00 P.M.	Clear	2-3 mtr.	Fishing	---	Colorless	Odourless	-	18	5.5	7.96	52770	2.4	0.82	---	4	1300	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	Industrial / Other	Industrial and Fishig
13	4383	Sea Water Bay of Bengal Fishing Harbor, Nizampatnam	Guntur/ Guntur	NWMP	Monthly	08.08.2019	11.50 A.M.	Clear	Approx >100 mtr.	Fishing	---	Clear	None	-	20	4.8	7.96	32460	2.4	0.86	---	4	1600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	Other	Cultivation
14	4384	Infront of M/s Bhageeratha Chemicals & Industries Ltd., Cheruvukommupalem (V), Ongole (M), Prakasam District	Prakasam/ Ongole	NWMP	Monthly	06.08.2019	11.00 AM	Clear & Sunny	About 500 ft	Industries	---	Colorless	Odorless	-	26	4.5	7.90	8500	0.8	7.20	---	<2	380	---	---	0.32	---	324	2080	<10	BDL	0.08	2186	420	1766	1040	980	5300	5282	6	0.18	0.10	40.0	1.24	48.5	9.1	Industrial	Industrial & Domestic	
15	4386	Sea Water Bay of Bengal, Vadarevu Beach, Chirala, Prakasam District	Prakasam/ Ongole	NWMP	Monthly	06.08.2019	05.00 P.M.	Clear & Sunny	Below 100m	Fishing	---	Colorless	Odorless	-	26	5.3	7.56	52710	2.2	0.40	---	4	1600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	Other	Marine
16	4375	Pavitra Sangamam at Ibrahimpatnam	Krishna/ Vijayawada	NWMP	Monthly	24.08.2019	04.00 P.M.	Clear	Approx >1 mts	Bathing, Cloth washing etc.	None	Clear	None	-	25	7.2	7.62	250	0.8	0.32	---	<2	800	---	---	0.16	---	90	28	<10	BDL	0.04	88	52	36	15	20	154	144	4	0.08	0.04	2.8	0.14	32.1	0.9	Domestic	Irrigation purpose	
17	4378	Sea Water Bay of Bengal Manginapudi Beach, Machilipatnam	Krishna / Vijayawada	NWMP	Monthly	05.08.2019	11.30 P.M.	Clear	Approx >1 mts	Bathing, Cloth washing etc.	-	None	None	-	26	5.2	7.84	56150	2.6	1.94	---	4	>1600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	Other	Irrigation purpose	
18	4379	Upputeru before confluence with sea at Chinnagollapalem	Krishna / Vijayawada	NWMP	Monthly	29.08.2019	11.00 A.M.	Clear	Aprox >1mts	Bathing, Cloth washing etc.	Water hyacinth	Clear	None	-	26	5.8	7.79	32300	2.8	1.40	---	4	>1600	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	Domestic	Irrigation purpose	
19	4381	River Krishna after confluence with River Musi at Vadapalli (V), Guntur District	Guntur/ Guntur	NWMP	Monthly	14.08.2019	12.30 A.M.	Clear	>100 CM.	Fishing	-	Brown	None	-	22	7.1	7.77	665	1.0	0.56	---	<2	800	---	---	0.53	---	156	108	<10	BDL	0.03	192	80	112	64	70	416	410	6	0.14	0.10	2.84	0.70	43.6	2.2	Other	Irrigation purpose	
20	4370	Krishna canal of Krishna District entering into Eluru	West Godavari/ Eluru	NWMP	Monthly	No flow, sample not collected																																											
21	3079	D/s of River Krishna after confluence with treated sewage discharging from 10MLD STP located at Ramalingeshwarnagar, Vijayawada	Krishna	NWMP	Monthly	No flow sample nto collected																																											
22	4346	Nagavali River near NH-16 Bridge, Up stream of Srikakulam, before confluence of town Sewage	Srikakulam	NWMP	Monthly	13.08.2019	02.30 PM	Clear	< 50 cms	Others	None	Clear	None	-	26	7.1	7.29	258	2.5	1.69	0.31	7	93	-	-	33	0.0	108	20	8	0.14	0.03	116	80	30	4.28	10.12	168	154	43	0.05	0.01	2.29	0.42	15.64	0.41	Industrial	Agricultural purposes	

