

**A.P. POLLUTION CONTROL BOARD**  
**NWMP DATA FOR THE MONTH OF AUGUST - 2016**

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 <sup>3</sup> /Sec)	Water Temp(Oc)	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	02.08.2016	04.00 P.M.	Clear	>1 mtr.	Bathing, Cloth washing	None	None	None	-	28	6.2	7.46	265	0.6	1.12	BDL	<2	400	---	---	1.85	BDL	20	50	4	BDL	BDL	50	20	30	16	25	145	155	5	BDL	0.22	2	0.26	50.88	1.54	Domestic	Irrigation purpose
2	1257	Upstream of Pennar river at Somasila	Nellore / Nellore	NWMP	Monthly	03.08.2016	11.30 A.M.	Clear	App 2-ft	---	---	Colorless	Odourless	-	26	6.8	7.96	1668	0.7	3.8	BDL	<2	400	---	---	1.6	20	150	380	6	BDL	BDL	380	180	200	77	180	930	920	8	0.12	0.16	3	0.26	50.53	4.02	Domestic	Irrigation purpose
3	1782	Puligadda aqueduct near Avanigadda (V)	Krishna / Vijayawada	NWMP	Monthly	26.08.2016	03.00 P.M.	Clear	>1 mtr.	Cattle washing, cloth	Medium	None	None	-	28	4.2	7.65	16400	0.5	1.56	BDL	<2	1100	---	---	1.25	BDL	90	4800	6	BDL	BDL	1600	700	900	650	2800	9200	9150	8	BDL	0.18	400	0.36	74.27	30.47	Domestic	Irrigation purpose
4	1787	River Krishna at Amaravathi	Krishna / Vijayawada	NWMP	Monthly	02.08.2016	12.30 P.M.	Clear	>100cm	None	---	None	None	-	19	6.6	6.15	467	0.5	1.4	BDL	<2	400	---	---	2.72	BDL	50	85	6	BDL	BDL	110	70	40	32	30	260	250	4	0.18	0.12	2	0.21	36.6	1.2	Domestic and agriculture	Irrigation purpose
5	1786	Downstream of Krishna river at Vedadri	Krishna / Vijayawada	NWMP	Monthly	02.08.2016	12.30 P.M.	Clear	Approx >1 mts	Bathing, cloth washing	---	Clear	None	-	29	6.5	6.59	322	0.5	0.52	BDL	<2	400	---	---	3.15	10	20	70	4	BDL	BDL	80	30	50	20	30	190	180	5	BDL	0.18	2	0.18	44.17	1.46	Industrial	Other
6	1790	2nd Causeway, Pulicat lake	Nellore / Nellore	NWMP	Monthly	03.08.2016	11.30 AM	Clear	2-3ft	Fishing	---	Colorless	Odourless	-	27	4.4	7.53	38400	0.7	2.02	BDL	2	1400	---	---	3.49	BDL	330	10900	8	BDL	BDL	3800	1400	2400	870	5800	21200	20900	10	BDL	0.56	800	0.38	72.36	40.95	Industrial	-
7	3051	Budameru canal near BDG at NH-5, Keesarapalli	Krishna / Vijayawada	NWMP	Monthly	23.08.2016	04.30 PM	Clear	Approx >1 mts	Fishing and Cloth Washing	---	Clear	None	-	---	4.3	7.41	860	2.3	4.15	BDL	2	2200	---	---	2.18	BDL	60	150	28	BDL	BDL	160	90	70	80	75	480	470	8	0.28	0.16	2	0.15	50.12	2.58	-	Other
8	3052	Guntatippa drain B/C with Ryves canal at Ramavarapadu, Vijayawada	Krishna / Vijayawada	NWMP	Monthly	23.08.2016	03.00 P.M.	Clear	Approx >1 mts	---	---	Clear	None	-	---	4.5	7.45	1480	3.8	7.62	BDL	4	2200	---	---	14.5	---	210	260	44	BDL	BDL	410	190	220	130	110	870	858	12	3.82	0.36	3	0.18	36.66	2.36	Agriculture	Other
9	1178	Downstream of Paleru river at Jaggaiahpet	Krishna / Vijayawada	NWMP	Monthly	02.08.2016	01.30 P.M.	Clear	Approx >1 mts	Others	---	Clear	None	-	26	7.1	7.07	711	0.6	2.32	BDL	<2	400	---	---	4.87	BDL	90	160	8	BDL	BDL	210	90	120	35	60	420	412	6	0.15	0.25	2	0.36	38.07	1.8	Industrial	---
10	1177	Downstream of Munneru river Keesara	Krishna / Vijayawada	NWMP	Monthly	02.08.2016	03.00 P.M.	Clear	Approx >1 mts	Others	---	Clear	None	-	26	6.2	7.27	390	0.6	1.93	BDL	<2	400	---	---	5.71	BDL	45	70	6	BDL	BDL	90	40	50	20	35	220	212	5	BDL	0.21	2	0.18	45.16	1.61	Industrial	---
11	3079	D/s of River Krishna after Confluence with treated Sewage discharging from 10	Krishna / Vijayawada	NWMP	Monthly	No flow sample no collected																																										
12	30	River Pennar at Siddavatam	Kadapa/Tirupathi	NWMP	Monthly	05.08.2016	3:40 PM	Clear	< 50 cms	Fishing	None	Turbid	None	-	26	6.1	7.9	680	1.1	1	---	100	500	---	---	8.4		128	96	11	BDL	BDL	160	92	68	93	81	438	346	16	BDL	BDL	2	0.5	52	2.8	Nil	Irrigation
13	1174	River Thungabhadra at Bhavapuram	Kurnool / Kurnool	NWMP	Monthly	05.08.2017	9:30 AM	Clear	> 100 cms	Fishing	---	Clear	None	-	25	5.9	8.1	596	1.5	1.6	---	100	700	---	---	8.9		112	78	13	BDL	BDL	148	76	72	91	68	384	312	12	BDL	BDL	2	0.5	50	2.4	Nil	Irrigation
14	1175	River Krishna at Srishailam (Krishna after confluence with Thungabhadra at Sangameswaram-	Kurnool / Kurnool	NWMP	Monthly	02.08.2016	5:00 PM	Cloudy	> 100 cms	Bathing Ghat & Boating	Flowers and puja material	Turbid	Fishy	-	25	5.5	8	630	1	1.1	---	100	1600	---	---	8.1		124	82	9	BDL	BDL	160	84	76	91	70	406	321	11	BDL	BDL	2	0.6	48	2.4	Nil	Irrigation
15	1255	River Pennar at Uganoor	Ananthapur / Kurnool	NWMP	Monthly	06.08.2016	10:30 AM	Clear	>100 cms	Nil	Nil	Clear	None	-	23	4.8	7.9	869	0.8	1.1	---	NIL	NIL	---	---	< 1		140	132	10	BDL	BDL	172	96	76	126	120	584	471	< 5	BDL	BDL	2	0.6	60	4	Nil	Irrigation
16	1256	River Pennar at Pushpagiri Chennur,YSR Kadapa District	Kadapa / Tirupathi	NWMP	Monthly	05.08.2016	11:00 AM	Clear	< 50 cms	Fishing	---	Turbid	None	-	27	6.3	7.9	643	1.2	1	---	100	600	---	---	8.2		116	84	10	BDL	BDL	144	84	60	102	81	414	328	11	BDL	BDL	2	0.5	55	2.9	Nil	Irrigation
17	1785	River Thungabhadra at Manthralayam	Kurnool/Kurnool	NWMP	Monthly	04.08.2016	10:10 AM	Clear	> 100 cms	Bathing	Nil	Clear	None	-	26	6.2	8	612	1.5	1.3	---	100	600	---	---	5.9		116	80	12	BDL	BDL	164	92	72	92	64	393	306	16	BDL	BDL	2	0.6	46	2.2	Nil	Irrigation
18	2350	River Hundri, near Laxmipuram village	Kurnool/Kurnool	NWMP	Monthly	05.08.2016	11:30 AM	Clear	> 100 cms	---	Nil	Clear	None	-	23	2.1	7.8	2110	0.5	2.7	---	Nil	Nil	---	---	< 1		396	356	9	BDL	BDL	400	164	236	216	300	1541	1239	< 5	BDL	BDL	3	0.9	62	6.5	Nil	Domestic purpose
19	2351	River Kundu at Nandyal	Kurnool/Kurnool	NWMP	Monthly	03.08.2016	9:40 AM	Clear	> 100 cms	Washing clothes	---	Clear	None	-	24	5.7	7.8	652	1.8	1.2	---	100	800	---	---	6.7		124	90	13	BDL	BDL	180	108	72	93	67	437	341	14	BDL	BDL	2	0.5	44	2.2	Town sewage	Irrigation
20	3083	D/s. of Srishailam	Kurnool/Kurnool	NWMP	Monthly	02.08.2016	6:00 PM	Cloudy	>100 cms	Bathing Ghat	flowers and puja	Clear	Fishy	-	25	5.6	8	622	1	1.4	---	100	1700	---	---	7.6		128	80	10	BDL	BDL	160	80	80	89	69	396	320	9	BDL	BDL	2	0.5	48	2.4	Bathing Activities and Boia	Irrigation
21	14	River Godavari at Polavaram	West Godavari / Eluru	NWMP	Monthly	16.08.2016	10:00 AM	Clear	50-100 cms	None	None	Clear	None	-	26	5.8	7.4	214	1.8	0.56	0.12	39	>2400	---	---	114	NIL	90	11	12	0.1	BDL	90	50	40	11	10	137	129	43	0.21	BDL	2	0.45	18.86	0.46	None	Drinking, washing, etc.
22	1218	U/s of River Godavari at Rajahmundry (Kumaradevam)	West Godavari / Eluru	NWMP	Monthly	16.08.2016	11:00 AM	Clear	50-100 cms	Cloth washings	None	Clear	None	-	26	6.1	6.9	200	2	0.98	0.44	43	>2400	---	---	119	NIL	80	11	16	0.09	BDL	80	40	40	8	11	130	121	58	0.45	BDL	2	0.65	22.25	0.53	None	Drinking, washing, etc.
23	1219	D/s of River Godavari at Rajahmundry (Dhavaleswaram)	East Godavari / Kakinada	NWMP	Monthly	04.08.2016	04.30 PM	Clear	50-100 cms	Cattle wading	Moderate	Brown	None	odera	27	5.9	7.1	257	1.8	0.42	0.21	20	460	---	---	54	NIL	110	16	12	0.11	BDL	120	80	40	8	11	162	153	102	0.62	BDL	2	0.47	16.23	0.44	Industrial, domestic	Drinking, washing, irrigation, etc.
24	1448	River Nagavali at Thotapally Regulatory	Vizianagaram / Vizianagaram	NWMP	Monthly	10.08.2016	10.30 AM	Cloudy	50-100 cms	Others	None	Turbid	None	-	26	6.2	7.6	239	1.8	0.56	0.14	21	460	---	---	34	NIL	90	12	8	0.14	BDL	90	50	40	14	10	148	136	31	0.68	BDL	2	0.28	18.86	0.46	Industrial	Agriculture purposes
25	2352	River Vamsadhara at Kalingapatnam	Vizianagaram	NWMP	Monthly	10.08.2016	01.00 PM	cloudy	50-100 cms	Others	None	Clear	None	-	27	6.2	7.3	268	1.6	0.96	0.24	24	1100	---	---	103	NIL	110	24	12	0.13	BDL	130	70	60	12	13	174	161	145	0.33	BDL	2	0.38	17.87	0.5	Industrial	Agriculture purposes
26	2353	Kondakarla-Ava Lake, Kondakarla	Visakhapatnam	NWMP	Monthly	09.08.2016	11.30 AM	Clear	>100 cms	Others	None	Clear	None	-	26	6.4	7	800	1.2	1.18	0.42	39	>2400	---	---	6.9	NIL	210	129	20	0.22	BDL	280	170	110	34	74	520	508	28	0.65	BDL	8	0.74	35.95	1.94	Domestic	Washing purposes
27	2354	Samarla kota canal	Kakinada	NWMP	Monthly	04.08.2016	08.00 AM	Clear	50-100 cms	---	Moderate	Turbid	None	odera	25	5.8	7.4	406	1.8	0.54	0.31	4	75	---	---	113	NIL	150	41	16	0.11	BDL	170	70	100	12	18	260	248	86	0.42	BDL	2	0.47	18.62	0.6	Industrial and domestic	Washing purposes
28	2355	Tulje bagh canal, Tekri drain	Kakinada	NWMP	Monthly	04.08.2016	06.15 AM	Clear	50-100 cms	None	Moderate	Clear	None	odera	24	5.6	7.7	2612	2	2.43	0.24	15	210	---	---	11	NIL	350																				