

**A.P. POLLUTION CONTROL BOARD**  
**NWMP DATA FOR THE MONTH OF SEPTEMBER - 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 (m3/Sec)	Water Temp(0c)	DO (mg/L)	pH	Conductivity us	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	06.09.2016	03.30 P.M.	Clear	>1 mtr.	Bathing, Cloth washing	None	None	None	-	27	6.6	6.7	368	0.5	1.89	BDL	<2	400	---	---	6.65	BDL	25	80	6	BDL	BDL	110	50	60	30	25	215	210	5	BDL	0.16	2	0.21	32.4	1	Domestic	Irrigation purpose
2	1257	Upstream of Pennar river at Somasila	Nellore / Nellore	NWMP	Monthly	01.09.2016	02.30 P.M.	Clear	App 2-ft	---	---	Colorless	Odourless	-	27	7	6.4	585	0.5	0.67	BDL	<2	400	---	---	1.2	BDL	220	60	4	BDL	BDL	180	80	100	20	40	370	360	5	0.18	0.28	2	0.12	32.1	1.3	Domestic	Irrigation purpose
3	1782	Puligadda aqueduct near Avanigadda (V)	Krishna / Vijayawada	NWMP	Monthly	07.09.2016	04.00 P.M.	Clear	>1 mtr.	Cattle washing, cloth	Medium	None	None	-	26	4.6	7.9	25700	0.6	1.25	BDL	<2	800	---	---	0.76	BDL	160	6900	8	BDL	BDL	2400	900	1500	850	3200	14600	14200	10	BDL	0.21	500	0.21	69.5	28.3	Domestic	Irrigation purpose
4	1787	River Krishna at Amaravathi	Krishna / Vijayawada	NWMP	Monthly	08.09.2016	09.30 A.M.	Clear	>100cm	None	---	None	None	-	18	6.8	7	404	0.6	1.5	BDL	<2	400	---	---	1.94	BDL	35	72	8	BDL	BDL	120	50	70	30	25	225	212	5	0.21	0.18	2	0.16	306	1	Domestic and agriculture	Irrigation purpose
5	1786	Downstream of Krishna river at Vedadri	Krishna / Vijayawada	NWMP	Monthly	06.09.2016	01.00 P.M.	Clear	Approx >1 mts	Bathing, cloth washing	---	Clear	None	-	26	7.1	6.5	601	0.5	1.7	BDL	<2	400	---	---	1.09	BDL	60	125	4	BDL	BDL	180	60	120	30	40	340	328	5	BDL	0.12	2	0.21	32.1	1.3	Industrial	Other
6	1790	2nd Causeway, Pulicat lake	Nellore / Nellore	NWMP	Monthly	08.09.2016	10.30 AM	Clear	2-3ft	Fishing	---	Colorless	Odourless	-	27	4.6	7.6	42600	0.7	1.76	BDL	2	1100	---	---	1.37	BDL	380	11200	10	BDL	BDL	5700	2900	2800	1060	5200	23900	23500	8	BDL	0.38	800	0.26	62.6	29.8	Industrial	-
7	3051	Budameru canal near BDG at NH-5, Keesarapalli	Krishna / Vijayawada	NWMP	Monthly	06.09.2016	04.30 PM	Clear	Approx >1 mts	Fishing and Cloth Washing	---	Clear	None	-	24	4.6	6.9	866	2.1	7.18	BDL	2	1700	---	---	1.13	BDL	55	150	32	BDL	BDL	180	70	110	70	85	480	468	10	0.22	0.18	2	0.16	50.1	2.7	-	Other
8	3052	Guntatippa drain B/C with Ryves canal at Ramavarapadu, Vijayawada	Krishna / Vijayawada	NWMP	Monthly	06.09.2016	04.00 P.M.	Clear	Approx >1 mts	---	---	Clear	None	-	25	3.8	6.7	1670	3.1	2.26	BDL	4	2600	---	---	7.18	BDL	280	285	36	BDL	BDL	480	210	270	90	120	970	962	15	3	0.28	3	0.21	34.9	2.4	Agriculture	Other
9	1178	Downstream of Paleru river at Jaggaiahpet	Krishna/ Vijayawada	NWMP	Monthly	06.09.2016	02.00 P.M.	Clear	Approx >1 mts	Others	---	Clear	None	-	25	6.5	6.5	1103	0.7	2.46	BDL	<2	800	---	---	0.65	BDL	120	175	10	BDL	BDL	350	180	170	110	60	620	610	8	0.26	0.18	2	0.21	26.9	1.4	Industrial	---
10	1177	Downstream of Munneru river Keesara	Krishna/ Vijayawada	NWMP	Monthly	06.09.2016	10.00 A.M.	Clear	Approx >1 mts	Others	---	Clear	None	-	25	6.8	6.5	731	0.6	2.19	BDL	<2	800	---	---	1.17	BDL	110	125	8	BDL	BDL	210	80	130	40	50	410	400	8	BDL	0.18	2	0.16	33.6	1.5	Industrial	---
11	3079	D/s of River Krishna after Confluence with treated Sewage discharge from 10 MLD STP	Krishna/ Vijayawada	NWMP	Monthly	No flow sample no collected																																										
12	30	River Pennar at Siddavatam	Kadapa/Tirupathi	NWMP	Monthly	06.9.2016	00-01-1900	Clear	0-100 cm	Others	None	Clear	None	-	28	5.9	7.7	637	1	1.3	---	NIL	400	---	---	3.6		116	92	9	BDL	BDL	152	88	64	88	76	396	306	12	BDL	BDL	2	0.6	52	2.7	Nil	Irrigation
13	1174	River Thungabhadra at Bhavapuram	Kurnool / Kurnool	NWMP	Monthly	06.09.2016	00-01-1900	Clear	> 100 cms	Fishing		Clear	None	-	23	5.6	7.9	569	1.5	1.6	---	Nil	500	---	---	3.3		112	72	12	BDL	BDL	144	80	64	88	65	353	284	8	BDL	BDL	2	0.5	49	2.4	Nil	Irrigation
14	1175	River Krishna at Srishailam (Krishna after confluence with Thungabhadra at Sangameswaram-Patalaganga)	Kurnool / Kurnool	NWMP	Monthly	08.09.2016	00-01-1900	Cloudy	> 100 cms	Ghat & Bathing	Flowers and puja material	Clear	None	-	22	5.9	8	436	1.7	1.2	---	Nil	900	---	---	2.9		80	62	12	BDL	BDL	108	64	44	61	50	273	223	8	BDL	BDL	2	0.4	50	2.1	Nil	Irrigation
15	1255	River Pennar at Unganoor	Ananthapur / Kurnool	NWMP	Monthly	06.09.2016	00-01-1900	Clear	>100 cms	Nil	Nil	Clear	None	-	22	4.3	8.1	804	0.8	1.3	---	NIL	NIL	---	---	< 1		128	118	8	BDL	BDL	164	88	76	123	108	563	455	< 5	BDL	BDL	2	0.7	59	3.7	Nil	Irrigation
16	1256	River Pennar at Pushpagiri Chennai,YSR Kadapa District	Kadapa / Tirupathi	NWMP	Monthly	06.09.2016	00-01-1900	Clear	0-100 cm	Others		Clear	None	-	28	6.1	8.2	702	1.1	1.6	---	NIL	500	---	---	3.1		132	96	10	BDL	BDL	160	92	68	102	88	436	351	8	BDL	BDL	2	0.6	54	3	Nil	Irrigation
17	1785	River Thungabhadra at Manthralayam	Kurnool/Kurnool	NWMP	Monthly	04.09.216	00-01-1900	Clear	> 50 cms	Bathing	Nil	Clear	None	-	25	6.3	7.8	562	1.3	1.6	---	Nil	400	---	---	4.4		100	78	12	BDL	BDL	152	84	68	84	60	352	279	9	BDL	BDL	2	0.3	46	2.1	Nil	Irrigation
18	2350	River Hundri	Kurnool/Kurnool	NWMP	Monthly	42619	00-01-1900	Clear	> 100 cms	domestic purpose	Nil	Clear	None	-	23	1.8	7.8	2160	0.7	3.2	---	Nil	Nil	---	---	< 1		392	360	8	BDL	BDL	392	168	224	228	310	1487	1181	< 5	BDL	BDL	3	0.9	63	6.8	Nil	
19	2351	River Kundu at Nandyal	Kurnool/Kurnool	NWMP	Monthly	03.09.2016	00-01-1900	Clear	> 50 cms	washing clothes		Clear	None	-	24	5.3	7.8	611	1.5	1	---	100	600	---	---	5.1		112	88	11	BDL	BDL	164	96	68	86	65	385	311	16	BDL	BDL	2	0.5	46	2.2	Town sewage	Irrigation
20	3083	D/s. of Srishailam	Kurnool/Kurnool	NWMP	Monthly	08.09.216	00-01-1900	Cloudy	>100 cms	Bathing Ghat	flowers and puja material	Clear	None	-	24	6.2	7.9	408	1.3	1.3	---	Nil	900	---	---	2.7		80	58	11	BDL	BDL	96	60	36	55	50	257	210	7	BDL	BDL	2	0.4	52	2.2	Bathing activities	Irrigation
21	14	River Godavari at Polavaram	West Godavari / Eluru	NWMP	Monthly	08.09.2016	02.00 PM	Clear	0-100 cm	None	None	Clear	None	-	25	5.8	6.9	375	2	0.65	0.15	45	>2400	---	---	71	NIL	140	20	12	0.1	BDL	170	100	70	26	12	240	228	29	0.16	BDL	2	0.28	13.2	0.4	None	Drinking, washing, etc.
22	1218	U/s of River Godavari at Rajahmundry (Kumaradevam)	West Godavari / Eluru	NWMP	Monthly	08.09.2016	03.00 PM	Clear	0-100 cm	cloth washing	None	Clear	None	-	26	5.9	6.7	398	2	1.35	0.52	49	>2400	---	---	80	NIL	150	26	16	0.1	BDL	170	100	70	23	16	259	247	62	0.28	BDL	4	0.24	16.6	0.53	None	Drinking, washing, etc.
23	1219	D/s of River Godavari at Rajahmundry (Dhavaleswaram)	East Godavari / Kakinada	NWMP	Monthly	06.09.2016	04.50 PM	Clear	0-100 cm	cattle wading	Moderate	Brown	None	-	25	6.3	5.9	217	1.2	0.44	0.25	21	460	---	---	62	NIL	80	9	12	0.12	BDL	80	60	20	15	10	137	128	23	0.58	BDL	2	0.47	20.8	0.48	Industrial, domestic	Drinking, washing, irrigation, etc.
24	1448	River Nagavali at Thotapally Regulatory	Vizianagaram / Vizianagaram	NWMP	Monthly	16.09.2016	10.30 AM	Cloudy	50-100	Others	None	Turbid	None	-	26	6	6.4	266	2	0.57	0.12	24	460	---	---	82	NIL	100	14	8	0.08	BDL	120	70	50	23	11	162	153	55	0.74	BDL	2	0.53	16.4	0.44	Industrial	Agriculture purposes
25	2352	River Vamsadhara at Kalingapatnam	Vizianagaram	NWMP	Monthly	12.09.2016	12.00 PM	cloudy	0-100 cm	Others	None	Clear	None	-	26	5.6	5.9	325	1.3	1.71	0.29	28	1100	---	---	84	NIL	150	10	12	0.12	BDL	150	90	60	11	12	211	200	35	0.26	BDL	2	0.37	14.5	0.42	Industrial	Agriculture purposes
26	2353	Kondakarla-Ava Lake, Kondakarla	Visakhapatnam	NWMP	Monthly	08.09.2016	11.30 AM	Clear	>100 cms	Others	None	Clear	None	-	26	5.8	6	748	1.8	1.27	0.47	49	>2400	---	---	2.6	NIL	220	78	20	0.12	BDL	170	90	80	10	78	434	422	14	0.32	BDL	10	0.47	48.4	2.62	Domestic	Washing purposes
27	2354	Samarla kota canal	Kakinada	NWMP	Monthly	06.09.2016	08.15 PM	Clear	0-100 cms		Moderate	Turbid	None	-	25	6	5.8	298	2.1	0.83	0.35	9	150	---	---	33	NIL	100	24	16	0.1	BDL	120	70	50	20	13	191	176	10	0.28	BDL	2	0.4	18.8	0.52	Industrial and domestic	Washing purposes
28	2355	Tulje bagh canal, Tekri drain	Kakinada	NWMP	Monthly	06.09.2016	06.30 AM	Clear	0-100 cm	None	Moderate	Clear	None	-	25	5.5	7.4	2442	1.8	2.2	0.36	14	210	---	---	2.5	NIL	310	514	16	0.1	BDL	450	250	20													