

A.P. POLLUTION CONTROL BOARD
NWMP DATA FOR THE MONTH OF JULY - 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. (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	18.07.2016	04.00 P.M.	Clear	>1 mtr.	Bathing, Cloth washing	None	None	None	-	28	6.8	7.67	564	0.5	1.28	BDL	<2	400	-	-	1.78	BDL	120	100	6	BDL	BDL	160	70	90	20	40	320	315	5	0.1	0.18	2	0.39	34.89	1.38	Domestic	Irrigation purpose
2	1257	Upstream of Pennar river at Somasila	Nellore / Nellore	NWMP	Monthly	04.07.2016	09.30 A.M.	Clear	App 2-ft	-	-	Colorless	Odourless	-	28	6.4	8.13	964	0.5	2.31	BDL	<2	400	-	-	1.6	20	90	210	4	BDL	BDL	180	90	90	80	120	610	600	6	BDL	0.18	2	0.32	58.87	3.89	Domestic	Irrigation purpose
3	1782	Puligadda aqueduct near Avanigadda (V)	Krishna / Vijayawada	NWMP	Monthly	13.07.2016	04.30 P.M.	Clear	>1 mtr.	Cattle washing, cloth	Medium	None	None	-	23	4.8	7.83	18750	0.7	3.19	BDL	<2	1300	-	-	1.16	BDL	100	5875	4	BDL	BDL	1760	300	1460	133	3000	10500	10460	10	BDL	0.22	400	0.4	74.19	31.1	Domestic	Irrigation purpose
4	1787	River Krishna at Amaravathi	Krishna / Vijayawada	NWMP	Monthly	12.07.2016	09.30 A.M.	Clear	>100cm	None	-	None	None	-	20	6.2	7.87	593	0.5	1.12	BDL	<2	400	-	-	2.72	BDL	60	90	4	BDL	BDL	140	70	70	70	50	340	335	5	0.14	0.16	2	0.32	43.31	1.84	Domestic and agriculture	Irrigation purpose
5	1786	Downstream of Krishna river at Vedadri	Krishna / Vijayawada	NWMP	Monthly	11.07.2016	02.30 P.M.	Clear	Approx >1 mts	Bathing, cloth washing	-	Clear	None	-	24	6.1	7.87	595	0.5	0.69	BDL	<2	800	-	-	2.03	10	80	110	4	BDL	BDL	130	70	60	50	65	350	345	5	BDL	0.26	2	0.29	51.64	2.48	Industrial	Other
6	1790	2nd Causeway, Pulicat lake	Nellore / Nellore	NWMP	Monthly	04.07.2016	0.9.30 AM	Clear	2-3ft	Fishing	-	Colorless	Odourless	-	29	4.8	8.08	34600	0.8	0.91	BDL	2	1100	-	-	0.74	40	300	11500	8	BDL	BDL	3600	900	2700	720	5800	20700	20300	15	BDL	0.65	700	0.56	73.74	42.1	Industrial	-
7	3051	Budameru canal near BDG at NH-5, Keesarapalli	Krishna / Vijayawada	NWMP	Monthly	18.07.2016	10.30 AM	Clear	Approx >1 mts	Fishing and Cloth Washing	-	Clear	None	-	26	3.1	7.52	887	2.6	5.16	BDL	2	2200	-	-	2.05	BDL	70	170	32	BDL	BDL	180	110	70	75	80	500	490	10	0.36	0.21	2	0.3	48.84	2.6	-	Other
8	3052	Guntatippa drain B/C with Ryves canal at Ramavarapadu, Vijayawada	Krishna / Vijayawada	NWMP	Monthly	18.07.2016	05.00 P.M.	Clear	Approx >1 mts	-	-	Clear	None	-	27	4.1	7.32	1360	3.2	8.94	BDL	4	2600	-	-	18.6	---	250	210	36	BDL	BDL	370	180	190	110	120	790	782	15	3.56	0.32	3	0.23	41.14	2.72	Agriculture	Other
9	1178	Downstream of Paleru river at Jaggaiahpet	Krishna/ Vijayawada	NWMP	Monthly	11.07.2016	03.00 P.M.	Clear	Approx >1 mts	Others	-	Clear	None	-	24	6.6	8.1	1323	0.6	1.45	BDL	<2	800	-	-	0.75	10	210	210	8	BDL	BDL	340	180	160	80	110	740	725	8	0.27	0.21	2	0.54	41.15	2.6	Industrial	---
10	1177	Munneru before confluence with river Krishna at keesara	Krishna / Vijayawada	NWMP	Monthly	No flow sample no collected																																										
11	3079	D/s of River Krishna after Confluence with treated Sewage discharging from 10 MLD STP	Krishna/ Vijayawada	NWMP	Monthly	No flow sample no collected																																										
12	30	River Pennar at Siddavatam ,Siddavatam	Kadapa / Nellore	NWMP	Monthly	13.07.2016	4:45 PM	Clear	>200 cms	-	None	Clear	None	-	29	3.9	7.4	1380	1	1.4	---	NIL	20	---	---	<1	NIL	380	194	11	BDL	BDL	404	240	164	99	130	912	736	<5	BDL	BDL	2	0.7	41	2.8	Nil	Irrigation
13	1174	River Thungabhadra at Bhavapuram	Kurnool / Kurnool	NWMP	Monthly	13.07.2016	9:10 AM	Clear	<200 cms	-	None	Clear	None	-	25	5.6	8.2	820	2.2	1.2	---	16	460	---	---	6.5	NIL	144	104	20	BDL	BDL	184	104	80	139	104	562	451	17	BDL	BDL	2	0.3	55	3.3	Nil	Irrigation
14	1175	River Krishna at Srishailam (Krishna after confluence with Thungabhadra at	Kurnool / Kurnool	NWMP	Monthly	11.07.2016	7:30 AM	Clear	> 10 m	Bathing Ghat	Flowers and puja material	-	None	-	22	4.9	8.2	739	1.3	1.2	---	10	410	---	---	3.6	NIL	152	102	12	BDL	BDL	192	108	84	96	80	473	369	15	BDL	BDL	2	0.7	47	2.5	Nil	Irrigation
15	1255	River Pennar at Unganoor	Ananthapur / Kurnool	NWMP	Monthly	08.07.2016	10:20 AM	Clear	>100 cms	Nil	Nil	Clear	None	-	26	4.2	8.1	1120	1	1.1	---	NIL	16	---	---	< 1	NIL	156	178	11	BDL	BDL	200	112	88	173	164	739	586	< 5	BDL	BDL	2	0.7	64	5	Nil	Drinking and Irrigation Purposes
16	1256	River Pennar at Pushpagiri ,YSR Kadapa District	Kadapa / Tirupathi	NWMP	Monthly	13.07.2016	11:35 AM	Clear	> 10 m	Nil	Nil	Clear	Nil	-	28	3.8	7.6	1620	1	1.6	---	NIL	16	---	---	< 1	NIL	352	238	11	BDL	BDL	360	204	156	176	205	1141	920	< 5	BDL	BDL	2	0.6	55	4.7	Nil	Irrigation
17	1785	River Thungabhadra at Manthralayam	Kurnool	NWMP	Monthly	06.07.2016	9:50 AM	Clear	< 2 m	Bathing	Nil	Clear	None	-	26	5.7	8	970	2	1.9	---	20	460	---	---	3.6	NIL	148	144	15	BDL	BDL	220	104	116	152	120	601	488	12	BDL	BDL	2	0.8	54	3.5	Nil	Irrigation
18	2350	River Hundri nagar near Lakshipuram village Lakshipuram	Kurnool	NWMP	Monthly	13.07.2016	11:15 AM	Clear	>5 meters	Nil	Nil	Nil	None	-	25	2.1	7.9	2420	1	2.1	---	Nil	16	---	---	< 1	NIL	436	416	11	BDL	BDL	440	144	296	254	350	1646	1306	< 5	BDL	BDL	3	0.8	63	7.2	Nil	Irrigation
19	2351	River Kundu at Nandyal	Kurnool	NWMP	Monthly	08.07.2016	9:20 AM	Clear	< 2 m	Washing clothes	Nil	Clear	None	-	25	4.6	8	886	1.7	1.4	---	20	530	---	---	4.9	NIL	180	132	11	BDL	BDL	252	164	88	105	87	572	460	12	0.2	BDL	2	0.6	43	2.4	Town sewage	Irrigation
20	3083	D/s. of Srishailam	Kurnool	NWMP	Monthly	11.07.2016	9:30 AM	Clear	>100 cms	Bathing Ghat	flowers and puja material	Nil	None	-	25	5.1	8.2	796	1.3	1.2	---	10	430	---	---	4.1	NIL	148	106	11	BDL	BDL	196	100	96	119	92	496	389	18	BDL	BDL	2	0.7	50	2.9	Activities and Pooja	Irrigation
21	14	River Godavari at Polavaram	West Godavari / Eluru	NWMP	Monthly	14.07.2016	10.30 AM	Clear	50-100 cms	None	None	Clear	None	-	26	6.1	7.3	179	2	0.57	0.25	43	1100	---	---	73	NIL	80	9	16	0.12	BDL	80	50	30	9	11	120	112	52	0.24	BDL	2	0.65	22.75	0.54	None	Drinking, washing, etc.
22	1218	U/s of River Godavari at Rajahmundry (Kumaradevam)	West Godavari / Eluru	NWMP	Monthly	14.07.2016	12.30 PM	Clear	50-100 cms	Cloth washings	None	Clear	None	-	27	6	7.1	215	2.9	0.85	0.41	39	1100	---	---	92	NIL	100	14	12	0.11	BDL	100	70	30	10	12	144	133	79	0.32	BDL	2	0.62	17.65	0.46	None	Drinking, washing, etc.
23	1219	D/s of River Godavari at Rajahmundry (Dhavaleswaram)	East Godavari / Kakinada	NWMP	Monthly	06.07.2016	04.45 PM	Clear	50-100 cms	Cattle wading	Moderate	Brown	None	Moderate	28	6.7	7	240	2.1	0.62	0.21	15	240	---	---	98	NIL	110	14	16	0.18	BDL	120	70	50	9	10	151	141	71	0.48	BDL	2	0.58	15.15	0.41	Industrial, domestic	Drinking, washing, irrigation, etc.
24	1448	River Nagavali at Thotapally Regulatory	Vizianagaram / Vizianagaram	NWMP	Monthly	15.07.2016	02.30 PM	Cloudy	50-100	Others	None	Turbid	None	-	27	6.2	7	261	2	0.44	0.17	23	460	---	---	70	NIL	110	14	12	0.12	BDL	110	60	50	16	12	159	145	92	0.64	BDL	2	0.43	18.93	0.5	Industrial	Agriculture purposes
25	2352	River Vamsadhara at Kalingapatnam	Vizianagaram	NWMP	Monthly	05.07.2016	10.00 AM	cloudy	50-100 cms	Others	None	Clear	None	-	26	5.8	6.9	262	2	0.82	0.14	28	1100	---	---	34	NIL	110	19	16	0.21	BDL	110	60	50	8	12	157	148	78	0.42	BDL	2	0.72	18.93	0.5	Industrial	Agriculture purposes
26	2353	Kondakarla-Ava Lake, Kondakarla	Visakhapatnam	NWMP	Monthly	12.07.2016	12.30PM	Clear	>100 cms	Others	None	Clear	None	-	24	5.6	7.6	772	2.4	1.18	0.75	43	>2400	---	---	5.2	NIL	230	134	16	0.32	BDL	290	190	100	31	70	494	480	21	0.5	BDL	6	0.61	33.94	1.79	Domestic	Washing purposes
27	2354	Samarla kota canal	Kakinada	NWMP	Monthly	06.07.2016	9.00 AM	Clear	50-100 cms	Cattle wading	Moderate	Brown	None	-	29	5.2	7.2	308	2.1	0.61	0.23	4	64	---	---	62	NIL	140	22	20	0.14	BDL	150	80	70	8	14	191	158	179	0.41	BDL	2	0.36	16.66	0.5	domestic and a	Washing purposes
28	2355	Tulje bagh canal, Tekri drain	Kakinada	NWMP	Monthly	06.07.2016	06.30 AM	Clear	50-100 cms	None	Moderate	Clear	None	Moderate	28	6.8	8.1	3420	2.8	2.72	0.65	14	210	---	---	4.8	NIL	340	680	20	0.34	BDL	660	400	260	80	350	1881	1866	20	0.26	BDL	21	0.62	52.63	5.93	Industrial and domestic	Washing purposes
29	2370	River Godavari at Rajahmundry U/s of Nalla channel	East Godavari / Kakinada	NWMP	Monthly	06.07.2016	10.15 AM	Clear	50-100 cms	Cattle wading	None	Clear	None	-																																		