

A.P. POLLUTION CONTROL BOARD
NWMP DATA FOR THE MONTH OF NOVEMBER - 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 ³ /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	28.11.2016	11.00 A.M.	Clear	>1 mtr.	Bathing, Cloth washing	None	None	None	-	25	7.2	7.1	382	0.5	0.57	BDL	<2	400	---	---	1.23	BDL	125	47	4	BDL	BDL	130	26	15	18	25	230	225	5	BDL	0.26	2	0.18	28.9	0.9	Domestic	Irrigation purpose	
2	1257	Upstream of Pennar river at Somasila	Nellore / Nellore	NWMP	Monthly	04.11.2016	11.30 A.M.	Clear	App 2-ft	---	---	Colorless	Odourless	-	27	7.1	7.33	601	0.6	0.63	BDL	<2	400	---	---	2.12	BDL	110	120	4	BDL	BDL	165	34	18	38	50	370	362	5	BDL	0.23	2	0.18	39.2	1.7	Domestic	Irrigation purpose	
3	1782	Puligadda aqueduct near Avanigadda (V)	Krishna / Vijayawada	NWMP	Monthly	07.11.2016	04.30 P.M.	Clear	>1 mtr.	Cattle washing, bathing	Medium	None	None	-	25	5.3	7.46	9730	0.7	1.55	BDL	2	1400	---	---	1.83	BDL	50	2495	8	BDL	BDL	1280	208	182	405	1100	5500	5390	12	BDL	0.18	400	0.31	57	13.3	Domestic	Irrigation purpose	
4	1787	River Krishna at Amaravathi	Krishna / Vijayawada	NWMP	Monthly	02.11.2016	09.10 A.M.	Clear	>100cm	None	---	None	None	-	18	6.8	7.55	422	0.5	1.07	BDL	<2	800	---	---	1.31	BDL	140	57	4	BDL	BDL	165	36	17	25	30	276	268	7	0.28	0.22	2	0.28	27.9	1	Domestic and	Irrigation purpose	
5	1786	Downstream of Krishna river at Vedadri	Krishna / Vijayawada	NWMP	Monthly	28.11.2016	01.30 P.M.	Clear	Approx >1 mts	Bathing, cloth washing	---	Clear	None	-	27	6.5	6.86	579	0.7	1.45	BDL	<2	800	---	---	1.6	BDL	120	90	8	BDL	BDL	175	36	20	35	50	370	362	8	0.29	0.25	2	0.38	37.8	1.6	Industrial	Other	
6	1790	2nd Causeway, Pulicat lake	Nellore / Nellore	NWMP	Monthly	01.11.2016	10.00 A.M.	Clear	2-3ft	Fishing	---	Colorless	Odourless	-	27	5.1	7.5	43700	0.5	2.63	BDL	2	2600	---	---	1.17	BDL	120	14600	8	BDL	BDL	10180	1840	1340	1100	6000	28600	28100	28	BDL	0.26	700	1.07	53.9	25.8	Industrial	-	
7	3051	Budameru canal near BDG at NH-5, Keesarapalli	Krishna / Vijayawada	NWMP	Monthly	11.11.2016	10.30 PM	Clear	Approx >1 mts	Fishing and Cloth washing	---	Clear	None	-	26	4.2	6.98	716	6.8	6.21	BDL	2	1300	---	---	1.59	BDL	180	130	28	BDL	BDL	210	40	26	30	60	445	436	15	0.46	0.15	3	0.24	37.7	1.8	-	Other	
8	3052	Guntatippa drain B/C with Ryves canal at Ramavarapadu, Vijayawada	Krishna / Vijayawada	NWMP	Monthly	11.11.2016	11.15 PM	Clear	Approx >1 mts	---	---	Clear	None	-	27	3.8	6.67	1910	7.3	2.73	BDL	2	1700	---	---	1.46	BDL	380	280	36	BDL	BDL	460	114	41	110	130	1070	1050	12	0.26	0.28	4	0.18	37.7	2.6	Agriculture	Other	
9	1178	Downstream of Paleru river at Jaggaiahpet	Krishna / Vijayawada	NWMP	Monthly	28.11.2016	02.30 P.M.	Clear	Approx >1 mts	Others	---	Clear	None	-	26	7	6.69	1202	2.1	2.15	BDL	<2	1100	---	---	0.83	BDL	340	147	12	BDL	BDL	420	88	48	117	70	780	766	8	0.45	0.2	3	0.46	26.3	1.5	Industrial	---	
10	1177	Upstream of Pennar river at Somasila	Krishna / Vijayawada	NWMP	Monthly	28.11.2016	04.00 P.M.	Clear	Approx >1 mts	Others	---	Clear	None	-	24	6.8	7.13	435	0.6	0.98	BDL	<2	400	---	---	2.53	BDL	140	60	4	BDL	BDL	155	31	18	24	25	280	274	5	BDL	0.18	2	0.28	25.5	0.9	Industrial	---	
11	3079	D/s of River Krishna after Confluence with treated Sewage discharging from 10 MLD STP located at	Krishna / Vijayawada	NWMP	Monthly	No flow sample no collected																																											
12	30	River Pennar at Siddavatam	Kadapa/Tirupathi	NWMP	Monthly	16-11-2016	3:30 PM	Cloudy	> 100 cms	Others	None	Clear	None	-	31	6.2	8.2	699	1	1.1	---	NIL	400	---	---	2.3		184	80	9	BDL	BDL	180	120	60	81	78	426	341	28	BDL	BDL	2	0.5	48	2.5		Irrigation	
13	1174	River Thungabhadra at Bhavapuram	Kurnool / Kurnool	NWMP	Monthly	03-11-2016	10:00 AM	Clear	50-100 cms	Others	None	Clear	None	-	25	5.7	8.1	1172	1.8	1.6	---	Nil	500	---	---	3.6		208	192	17	BDL	BDL	268	164	104	136	146	725	603	22	BDL	BDL	3	0.7	54	3.9		Irrigation	
14	1175	River Krishna at Srishailam (Krishna after confluence with Thungabhadra at	Kurnool / Kurnool	NWMP	Monthly	05-11-2016	7:30 AM	Clear	> 100 cms	Bathing Ghat & Boating	Flowers and puja	Clear	None	-	22	6.6	8.2	391	1.2	0.9	---	Nil	400	---	---	1.6		92	52	13	BDL	BDL	112	72	40	43	38	236	182	6	BDL	BDL	2	0.6	42	1.6		Irrigation	
15	1255	River Pennar at Uanganoor (Dried) Intake well	Ananthapur / Kurnool	NWMP	Monthly	07-11-2016	10:40 AM	Clear	>100 cms	Others		Clear	None	-	22	4.2	7.9	1312	0.7	1.7	---	NIL	NIL	---	---	< 1		224	236	8	BDL	BDL	272	156	116	131	176	821	660	< 5	BDL	BDL	2	0.8	58	4.6			
16	1256	River Pennar at Pushpagiri Chennai, YSR Kadapa District	Kadapa / Tirupathi	NWMP	Monthly	16-11-2016	12:40 PM	Cloudy	50-100 cms	Others		Clear	None	-	32	6.4	8.3	649	1.3	1.6	---	NIL	400	---	---	2.7		164	72	15	BDL	BDL	176	124	52	84	68	396	320	26	BDL	BDL	2	0.5	45	2.2		Irrigation	
17	1257	Upstream of Pennar river at Somasila	Kadapa / Tirupathi	NWMP	Monthly	17-11-2016	1:40 PM	Cloudy	50-100 cms	Others		Clear	None	-	33	7.4	9.3	650	2.3	2.6	---	NIL	401	---	---	3.7		165	73	16	BDL	BDL	177	125	53	85	69	397	321	27	BDL	BDL	3	1.5	46	3.2		Irrigation	
18	2350	River Hundri, near Laxmipuram village	Kurnool/Kurnool	NWMP	Monthly	03-11-2016	11:40 AM	Clear	> 100 cms	Others		Clear	None	-	22	1.8	8.1	2790	0.7	4.8	---	Nil	Nil	---	---	< 1		272	546	8	BDL	BDL	840	336	504	362	245	1737	1401	< 5	BDL	BDL	3	0.9	39	3.7			
19	2351	River Kundu at Nandyal	Kurnool/Kurnool	NWMP	Monthly	05-11-2016	9:40 AM	Clear	50-100 cms	Washing clothes	None	Clear	None	-	25	5.9	8.2	529	1.5	0.9	---	Nil	500	---	---	3.7		152	54	13	BDL	BDL	164	112	52	59	45	316	257	16	BDL	BDL	2	0.6	37	1.5	Town sewage	Irrigation	
20	3083	D/s. of Srishailam	Kurnool/Kurnool	NWMP	Monthly	05-11-2016	8:50 AM	Clear	>100 cms	Bathing Ghat	flowers and puja	Clear	None	-	24	6.3	8.2	393	1	1.1	---	Nil	400	---	---	1.9		96	48	11	BDL	BDL	116	76	40	47	37	242	196	7	BDL	BDL	2	0.6	40	1.5		Irrigation	
21	14	River Godavari at Polavaram	West Godavari / Eluru	NWMP	Monthly	14.11.2016	10.30 AM	Clear	50-100 cms	None	None	Clear	None	-	26	5.8	6.9	277	2	0.86	0.26	43	2400	---	---	3.8	NIL	120	14	16	0.16	BDL	BDL	120	80	40	8	10	180	169	16	0.27	BDL	2	0.54	15.09	0.4	None	Drinking, washing, etc.
22	1218	U/s of River Godavari at Rajahmundry (Kumaradevam)	West Godavari / Eluru	NWMP	Monthly	14.11.2016	12.30 PM	Clear	50-100 cms	Cloth washings	None	Clear	None	-	27	6.2	6.8	288	2.2	1.12	0.23	39	3200	---	---	4.1	NIL	130	13	16	0.12	BDL	BDL	130	80	50	6	14	190	180	16	0.49	BDL	2	0.68	18.7	0.53	None	Drinking, washing, etc.
23	1219	D/s of River Godavari at Rajahmundry (Dhavaleswaram)	East Godavari / Kakinada	NWMP	Monthly	04.11.2016	04.15 PM	Clear	50-100 cms	Cattle wading	Moderate	Brown	None	Moderate	27	6.8	6.5	269	2.8	0.7	0.22	21	460	---	---	58.5	NIL	120	14	12	0.15	BDL	BDL	120	80	40	6	10	175	163	112	0.27	BDL	2	0.44	15.09	0.4	Industrial, domestic	Drinking, washing, irrigation, etc.
24	1448	River Nagavali at Thotapally Regulatory	Vizianagaram / Vizianagaram	NWMP	Monthly	05.11.2016	02.30 PM	Cloudy	50-100	Others	None	Turbid	None	-	27	6.2	6.1	378	2.2	0.46	0.66	21	240	---	---	8.8	NIL	150	34	12	0.12	BDL	BDL	170	100	70	5	12	238	226	15	0.27	BDL	2	0.41	13.15	0.46	Industrial	Agriculture purposes
25	2352	River Vamsadhara at Gara, Kalingapatnam	Vizianagaram	NWMP	Monthly	07.11.2016	02.30 PM	cloudy	50-100 cms	Others	None	Clear	None	-	28	5.8	6.2	305	1.8	1.38	0.25	39	1100	---	---	15.1	NIL	140	10	8	0.1	BDL	BDL	140	80	60	8	10	192	181	26	0.27	BDL	2	0.35	13.25	0.37	Industrial	Agriculture purposes
26	2353	Kondakarla-Ava Lake, Kondakarla	Visakhapatnam	NWMP	Monthly	16.11.2016	12.30 PM	Clear	>100 cms	Others	None	Clear	None	-	26	7.4	6.7	686	2.4	1.17	0.41	28	1100	---	---	5.1	NIL	220	80	16	0.18	BDL	BDL	240	140	100	20	52	439	427	22	0.68	BDL	8	0.72	31.16	1.46	Domestic	Washing purposes
27	2354	Samarla kota canal	Kakinada	NWMP	Monthly	04.11.2016	07.30 AM	Clear	50-100 cms		Moderate	Turbid	None	Moderate	26	6	6.2	345	1.2	1.44	0.31	7	93	---	---	8.4	NIL	120	32	16	0.13	BDL	BDL	140	80	60	18	16	221	206	12	0.3	BDL	2	0.4	19.64	0.59	Industrial and domestic	Washing purposes
28	2355	Tulje bagh canal, Tekri drain	Kakinada	NWMP	Monthly	04.11.2016	06.30 PM	Clear	50-100 cms	None	Moderate	Clear	None	Moderate	25	5.8	6.8	1223	2.2	1.15	0.11	11	150	---	---	32.7	N																						