

A.P. POLLUTION CONTROL BOARD
NWMP DATA FOR THE MONTH OF DECEMBER - 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(°C)	DO (mg/L)	pH	Conductivity (µmhos/cm)	BOD (mg/L)	Nitrate-N (mg/L)	Nitrite-N (mg/L)	Coliform (MPN/100ml)	Total Coliform (MPN/100ml)	Saprophytic 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	16.12.2016	04.40 P.M.	Clear	>1 mtr.	Bathing , Cloth washing	None	None	None	-	24	7.1	7.65	458	0.8	0.53	BDL	2	1400	---	---	1.94	BDL	140	74	<10	---	BDL	168	32	21	30		318	310	6	BDL	0.15	0.45			Domestic	Irrigation purpose		
2	1257	Upstream of Pennar river at Somasila	Nellore / Nellore	NWMP	Monthly	02.12.2016	11.30 A.M.	Clear	App 2-ft	---	---	Colorless	Odourless	-	27	6.6	8.32	598	0.8	0.44	BDL	<2	1100	---	---	0.78	30	140	100	<10	---	BDL	160	36	16	92		405	396	5	BDL	0.21	0.48			Domestic	Irrigation purpose		
3	1782	Puligadda aqueduct near Avanigadda (V)	Krishna / Vijayawada	NWMP	Monthly	19.12.2016	05.00 P.M.	Clear	>1 mtr.	Cattle washing of cloth	Medium	None	None	-	22	5.8	7.58	10200	1.2	0.86	BDL	2	1100	---	---	1.28	BDL	70	2600	12	---	BDL	1560	360	144	510		6300	6190	12	BDL	0.28	0.38			Domestic	Irrigation purpose		
4	1787	River Krishna at Amaravathi	Krishna / Vijayawada	NWMP	Monthly	05.12.2016	09.20 A.M.	Clear	>100cm	None	---	None	None	-	18	7.1	7.47	361	1	0.51	BDL	4	>1600	---	---	1.03	BDL	80	66	<10	---	BDL	120	28	12	35		245	240	5	0.18	0.18			Domestic and agriculture	Irrigation purpose			
5	1786	Downstream of Krishna river at Vedadri	Krishna / Vijayawada	NWMP	Monthly	16.12.2016	12.30 P.M.	Clear	Approx >1 mts	Bathing , cloth washing	---	Clear	None	-	26	6.2	7.47	474	0.7	0.86	BDL	<2	800	---	---	1.19	BDL	144	86	<10	---	BDL	160	44	12	35		325	318	5	0.21	0.21	0.41		Industrial	Other			
6	1790	2nd Causeway, Pulicat lake	Nellore / Nellore	NWMP	Monthly	01.12.2016	10.00 A.M.	Clear	2-3ft	Fishing	---	Colorless	Odourless	-	27	6.1	7.63	56000	1.2	1.25	BDL	2	>1600	---	---	1.76	BDL	106	16400	<10	---	BDL	3600	760	408	1860		33800	33200	12	BDL	0.28	0.78			Industrial	-		
7	3051	Budameru canal near BDG at NH-5, Keesarapalli	Krishna / Vijayawada	NWMP	Monthly	08.12.2016	11.30 AM	Clear	Approx >1 mts	Fishing and Cloth	---	Clear	None	-	24	4.1	7.36	780	3.2	6.8	BDL	4	>1600	---	---	0.81	BDL	216	128	36	---	BDL	216	44	25	21		470	462	12	0.27	0.21	0.41		-	Other			
8	3052	Guntatippa drain B/C with Ryves canal at Ramavaranadu, Vijayawada	Krishna / Vijayawada	NWMP	Monthly	08.12.2016	12.00 NOON	Clear	Approx >1 mts	---	---	Clear	None	-	24	3.8	7.71	2510	2.2	5.66	BDL	7	>1600	---	---	9.59	BDL	460	580	44	---	BDL	532	106	67	94		1530	1510	15	0.16	0.25	0.39		Agriculture	Other			
9	1178	Downstream of Paleru river at Jaggaiahpet	Krishna/ Vijayawada	NWMP	Monthly	16.12.2016	01.30 P.M.	Clear	Approx >1 mts	Others	---	Clear	None	-	27	6.4	7.65	467	1.1	0.85	BDL	<2	800	---	---	1.09	BDL	126	100	<10	---	BDL	140	36	12	32		320	312	8	BDL	0.16	0.44			Industrial	---		
10	1177	Upstream of Pennar river at Somasila	Krishna/ Vijayawada	NWMP	Monthly	16.12.2016	03.30 P.M.	Clear	Approx >1 mts	Others	---	Clear	None	-	26	6.5	7.82	463	0.8	0.56	BDL	<2	400	---	---	1.73	BDL	140	76	<10	---	BDL	152	36	14	26		295	288	5	BDL	0.22	0.37			Industrial	---		
11	3079	D/s of River Krishna after Confluence with treated Sewage discharging from 10	Krishna/ Vijayawada	NWMP	Monthly	No flow sample not collected																																											
12	30	River Pennar at Siddavatam	Kadapa/Tirupathi	NWMP	Monthly	05-12-2016	11:35 AM	Cloudy	10-100 cms	Others		Clear	None	-	27	6.5	8	764	1.2	1.1	---	NIL	400	---	---	2.4		212	90	11	BDL	BDL	232	124	108	74	68	466	370	23	BDL	BDL	2	0.5	39	1.9			Irrigation
13	1174	River Thungabhadra at Bhavapuram	Kurnool / Kurnool	NWMP	Monthly	05-12-2016	10:15 AM	Clear	<50cm	Others	None	Clear	None	-	23	5.8	7.9	1583	2	1.3	---	Nil	600	---	---	2.9		224	210	14	BDL	BDL	284	116	168	285	230	998	784	23	BDL	BDL	3	0.8	63	5.9	Nil		Irrigation
14	1175	River Krishna at Srishailam (Krishna after confluence with Thungabhadra at	Kurnool / Kurnool	NWMP	Monthly	03-12-2016	8:00 AM	Clear	> 100 cms	Bathing Ghat & Boating	Flowers and puja material	Clear	None	-	24	6.3	8.1	396	1.2	1.1	---	Nil	400	---	---	1.8		96	50	11	BDL	BDL	116	72	44	45	37	239	187	8	BDL	BDL	2	0.5	40	1.5			Irrigation
15	1255	River Pennar at Uanganoor (Dried) Intake well	Ananthapur / Kurnool	NWMP	Monthly	06-12-2016	10:00 AM	Clear	>100 cms	Others		Clear	None	-	22	3.9	7.9	1210	0.5	1.1	---	NIL	NIL	---	---	< 1		440	98	5	BDL	BDL	280	124	156	93	146	722	571	< 5	BDL	BDL	2	1.1	53	3.8			
16	1256	River Pennar at Pushpagiri Chennur,YSR Kadapa District	Kadapa / Tirupathi	NWMP	Monthly	05-12-2016	12:50 PM	Cloudy	50-100 cms	Others		Clear	None	-	27	6.6	8.1	698	1.5	1.3	---	NIL	400	---	---	2.2		188	88	13	BDL	BDL	248	108	140	65	46	414	328	25	BDL	BDL	2	0.6	29	1.3			Irrigation
17	1785	River Thungabhadra at Manthralayam	Kurnool/Kurnool	NWMP	Monthly	02-12-2016	9:30 AM	Clear	< 50 cms	Bathing	None	Clear	None	-	23	5.6	7.8	1120	1.2	1.2	---	Nil	500	---	---	3.1		224	144	10	BDL	BDL	224	104	120	167	156	712	571	26	BDL	BDL	2	0.6	60	4.5			Irrigation
18	2350	River Hundri, near Laxmipuram village	Kurnool/Kurnool	NWMP	Monthly	05-12-2016	11:00 AM	Clear	> 100 cms	Others		Clear	None	-	22	2.1	7.7	3060	0.5	5.3	---	Nil	Nil	---	---	< 1		448	564	6	BDL	BDL	1024	400	624	298	230	1856	1492	< 5	BDL	BDL	3	0.9	33	3.1			
19	2351	River Kundu at Nandyal	Kurnool/Kurnool	NWMP	Monthly	05-12-2016	10:00 AM	Clear	50-100 cms	Washing clothes	None	Clear	None	-	25	5.6	8.1	559	1.8	0.7	---	Nil	600	---	---	3.3		160	60	15	BDL	BDL	172	116	56	60	49	349	283	28	BDL	BDL	3	0.7	38	1.6	Town sewage	Irrigation	
20	3083	D/s. of Srishailam	Kurnool/Kurnool	NWMP	Monthly	03-12-2016	9:40 AM	Clear	>100 cms	Bathing Ghat	flowers and puja material	Clear	None	-	25	6.4	8	401	1.2	1.1	---	Nil	400	---	---	1.5		92	52	13	BDL	BDL	120	84	36	49	37	247	201	9	BDL	BDL	2	0.6	40	1.5			Irrigation
21	14	River Godavari at Polavaram	West Godavari / Eluru	NWMP	Monthly	05.12.2016	12.30 PM	Clear	50-100 cms	None	None	Clear	None	-	27	6.2	6.6	234	2.2	0.55	0.36	39	2400	---	---	1.5	NIL	100	19	12	0.18	BDL	110	80	30	8	10	164	154	6	0.16	BDL	2	0.4	16.4	0.42	None	Drinking, washing, etc.	
22	1218	U/s of River Godavari at Rajahmundry (Kumaradevam)	West Godavari / Eluru	NWMP	Monthly	05.12.2016	01.45 PM	Clear	50-100 cms	Cloth washings	None	Clear	None	-	28	6.4	6.7	303	2.0	0.72	0.14	43	2400	---	---	2.8	NIL	120	15	16	0.14	BDL	120	80	40	10	14	183	172	18	0.33	BDL	2	0.22	19.7	0.56	None	Drinking, washing, etc.	
23	1219	D/s of River Godavari at Rajahmundry (Dhavaleswaram)	East Godavari / Kakinada	NWMP	Monthly	05.12.2016	04.30 PM	Clear	50-100 cms	Cattle wading	Moderate	Brown	None	Moderate	28	6.6	6.5	302	2.6	0.64	0.23	23	460	---	---	11.2	NIL	130	12	16	0.17	BDL	120	80	40	6	12	181	172	20	0.21	BDL	2	0.31	17.5	0.46	Industrial, domestic	Drinking, washing, irrigation, etc.	
24	1448	River Nagavali at Thotapally Regulatory	Vizianagaram / Vizianagaram	NWMP	Monthly	05.12.2016	02.30 PM	Cloudy	50-100	Others	None	Clear	None	-	28	6	6.9	425	1.8	1.36	0.12	23	210	---	---	10.9	NIL	150	36	16	0.14	BDL	170	110	60	13	14	255	244	11	0.2	BDL	2	0.6	15	0.47	Industrial	Agriculture purposes	
25	2352	River Vamsadhara at Gara, Kalingapatnam	Vizianagaram	NWMP	Monthly	05.12.2016	10.30 AM	cloudy	50-100 cms	Others	None	Clear	None	-	27	6.5	6.2	295	1.8	0.87	0.26	28	460	---	---	9.1	NIL	120	15	12	0.12	BDL	120	80	40	10	12	180	170	18	0.22	BDL	2	0.26	17.6	0.48	Industrial	Agriculture purposes	
26	2353	Kondakarla-Ava Lake, Kondakarla	Visakhapatnam	NWMP	Monthly	09.12.2016	11.30 AM	Clear	>100 cms	Others	None	Clear	None	-	26	7	7.1	708	2	1.8	0.37	23	1100	---	---	8.2	NIL	220	90	12	0.16	BDL	190	120	70	22	68	460	442	28	0.61	BDL	12	0.4	41.9	2.15	Domestic	Washing purposes	
27	2354	Samarla kota canal	Kakinada	NWMP	Monthly	05.12.2016	08.30 AM	Clear	50-100 cms		Moderate	Clear	None	Moderate	26	5.8	6.9	320	1	0.73	0.24	11	150	---	---	14.9	NIL	120	28	12	0.15	BDL	140	80	60	16	14	205	194	14	0.24	BDL	2	0.25	17.6	0.52	Industrial and domestic	Washing purposes	
28	2355	Tulje bagh canal, Tekri drain	Kakinada	NWMP	Monthly	05.12.2016	07.00 AM	Clear	50-100 cms	None	Moderate	Clear	None	Moderate	25	6.2	6.6	1545	2	1.57	0.31	15	210	---	---	12.6	NIL	300	205	16	0.12	BDL	300	180	120	65	138	850	838	12	0.18	BDL	20	0.5	48	3.47	Industrial and domestic purposes	Washing purposes	
29	2370	River Godavari at Rajahmundry U/s of Nalla channel																																															