

**A.P. POLLUTION CONTROL BOARD
NWMP DATA FOR THE MONTH OF JULY- 2018**

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(°C)	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-Aik. (mg/L)	Total Aik. (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	GEMS/MINARS	Monthly	09.07.2018	10.00 A.M.	Clear	>1 mtr.	Bathing, Cloth washing etc.	None	None	None	-	29	6.8	7.21	283	1.8	0.71	----	<2	800	----	----	0.60	----	88	24	<10	BDL	BDL	76	21	6	24	30	170	164	4	BDL	0.18	2.4	0.16	45.1	1.5	Domestic	Irrigation purpose
2	1257	Upstream of Pennar river at Somasila	Nellore / Nellore	GEMS/MINARS	Monthly	06.07.2018	02.30 P.M.	Clear	App 2-ft	----	----	Colorless	Odourless	-	27	7.5	8.21	1060	2.4	1.64	----	<2	800	----	----	1.84	----	182	185	14	BDL	BDL	468	35	92	130	56	660	652	6	BDL	0.34	10.8	0.74	20	1.1	Domestic	Irrigation purpose
3	1782	Puligadda aqueduct near Avanigadda (V)	Krishna / Vijayawada	GEMS/MINARS	Monthly	31.07.2018	01.30 P.M.	Clear	>1 mtr.	Cattle washing, cloth	Medium	None	None	-	30	6.0	7.18	30660	2.0	0.86	----	4	>1600	----	----	1.64	----	122	9420	14	BDL	BDL	860	56	175	1080	5620	19920	19900	12	BDL	0.32	136	0.62	92.1	82.9	Domestic	Irrigation purpose
4	1787	River Krishna at Amaravathi	Krishna / Vijayawada	GEMS/MINARS	Monthly	09.07.2018	09.10 A.M.	Clear	>100cm	None	----	None	None	-	18	7.6	7.87	352	1.8	0.65	----	<2	800	----	----	0.34	----	112	40	<10	BDL	BDL	120	27	13	36	28	228	220	4	BDL	0.2	3	0.22	32.8	1.1	Domestic and agriculture	Irrigation purpose
5	1786	Downstream of Krishna river at Vedadri	Krishna / Vijayawada	GEMS/MINARS	Monthly	09.07.2018	01.00 P.M.	Clear	Approx >1 mts	Bathing, cloth washing.	----	Clear	None	-	29	6.8	7.83	778	1.6	1.29	----	<2	1100	----	----	0.52	----	176	141	12	BDL	BDL	244	36	37	74	90	510	502	4	BDL	0.32	5.8	0.78	43.6	2.5	Industrial	Other
6	1790	2nd Causeway, Pulicot lake	Nellore / Nellore	GEMS/MINARS	Monthly	04.07.2018	11.00 P.M.	Clear	2-3ft	Fishing	----	Colorless	Odourless	-	28	7.4	7.5	41700	2.4	1.6	----	4	>1600	----	----	2.94	----	174	13800	12	BDL	BDL	5380	420	980	2600	7600	26900	26878	8	BDL	0.28	64	0.80	75	44.8	Industrial	-
7	3051	Budameru canal near BDG at NH-5, Keesarapalli	Krishna / Vijayawada	GEMS/MINARS	Monthly	31.07.2018	05.00 PM	Clear	Approx >1 mts	Fishing and Cloth Washing.	----	Clear	None	-	28	5.8	7.24	587	2.6	6.51	----	4	>1600	----	----	0.66	----	162	92	14	BDL	BDL	188	40	21	18	52	365	357	6	BDL	0.16	4	0.52	36.8	1.6	-	Other
8	3052	Guntatippa drain B/C with Ryves canal at Ramavarapadu, Vijayawada	Krishna / Vijayawada	GEMS/MINARS	Monthly	31.07.2018	05.15 PM	Clear	Approx >1 mts	----	----	Clear	None	-	28	4.8	7.29	1159	7.4	12.26	----	4	>1600	----	----	2.98	----	298	220	36	BDL	BDL	360	74	43	58	96	756	748	10	0.42	0.36	14	0.92	35.4	2.2	Agriculture	Other
9	1178	Downstream of Paleru river at Jaggaiahpet	Krishna/ Vijayawada	GEMS/MINARS	Monthly	09.07.2018	01.30 P.M.	Clear	Approx >1 mts	Others	----	Clear	None	-	29	7.2	7.86	984	2.0	1.48	----	<2	1100	----	----	1.18	----	250	165	12	BDL	BDL	328	51	49	74	104	648	640	6	BDL	1.84	4.2	0.58	40.2	2.5	Industrial	----
10	1177	Down stream of Munneru River at keesara	Krishna/ Vijayawada	GEMS/MINARS	Monthly	09.07.2018	03.00 P.M.	Clear	Approx >1 mts	Others	----	Clear	None	-	31	6.6	8.03	850	2.4	1.16	----	4	1100	----	----	0.56	----	194	120	14	BDL	BDL	164	35	18	80	110	520	514	4	BDL	2.68	4.8	0.62	58.3	3.7	Industrial	----
11	3079	D/s of River Krishna after Confluence with treated Sewage discharging from 10	Krishna/ Vijayawada	MINARS	Monthly	No flow, sample not collected																																										
12	30	River Pennar at Siddavatam , YSR District	Kadapa/Tirupathi	MINARS	Monthly	10.07.2018	11.00 AM	Clear	> 100 cms	Others	None	clear	None	-	29	4.8	6.7	2320	2	3.8	BDL	Nil	Nil	----	----	<1	Nil	428	352	4	BDL	BDL	585	297	288	202	250	1322	1062	<5	<0.1	BDL	36	0.9	46	4.5	Nil	Irrigation
13	1174	River Thungabhadra at Bhavapuram	Kurnool / Kurnool	MINARS	Monthly	09.07.2018	9.20 AM	Clear	50-100 cms	Others	None	Clear	None	-	24	6.6	8	1133	2.8	3.3	BDL	100	600	----	----	8.3	Nil	169	157	20	BDL	BDL	183	98	85	174	171	688	549	27	<0.1	BDL	6	0.9	66	5.5	Nil	Irrigation
14	1175	River Krishna at Sangameswaram	Kurnool / Kurnool	MINARS	Monthly	11.07.2018	9.40 AM	Cloudy	> 100 cms	Bathing Ghat	Flowers	Clear	None	-	24	6.5	7.5	1587	2.3	1.9	BDL	Nil	600	----	----	14.3	Nil	268	240	20	BDL	BDL	309	130	179	187	217	941	749	29	0.2	BDL	7	0.3	60	5.4	Nil	Irrigation
15	1255	River Pennar at Uanganoor	Ananthapur / Kurnool	MINARS	Monthly	09.07.2018	9.40 AM	Clear	>100 cms	Others	None	Clear	None	-	23	4.7	7.3	790	2	2.3	BDL	Nil	Nil	----	----	1	Nil	218	83	5	BDL	BDL	85	41	44	43	141	441	355	5	0.1	BDL	4	1.2	77	6.6	Nil	--
16	1256	River Pennar at Pushpagiri ,YSR Kadapa District	Kadapa / Tirupathi	MINARS	Monthly	10.07.2018	2.00 PM	Clear	< 50 cms	Others	None	Clear	None	-	24	4.7	6.9	2680	2	4.8	BDL	Nil	Nil	----	----	1.0	Nil	523	414	5	BDL	BDL	622	317	305	225	302	1588	1277	5	0.1	BDL	60	1.1	48	5.3	Nil	Irrigation
17	1785	River Thungabhadra at Manthralayam	Kurnool/Kurnool	MINARS	Monthly	07.07.2018	10.10 AM	Cloudy	< 50 cms	Bathing	None	Clear	None	-	25	6	7.8	1458	2.8	3.8	BDL	Nil	400	----	----	9.6	Nil	198	199	24	BDL	BDL	232	126	106	240	221	887	713	24	0.1	BDL	6	0.8	67	6.3	--	Irrigation
18	2350	River Hundri atLaxmipuram village Dried	Kurnool/Kurnool	MINARS	Monthly	09.07.2018	10.10 AM	Clear	> 100 cms	Others	None	Clear	None	-	23	3.9	7.7	4470	2	6.7	BDL	Nil	Nil	----	----	3.8	Nil	342	1016	10	BDL	BDL	1195	427	768	465	453	2674	2144	5	0.1	BDL	21	1.4	45	5.7	Nil	--
19	2351	River Kundu at Nandyal	Kurnool/Kurnool	MINARS	Monthly	09.07.2018	9.00 AM	Clear	50-100 cms	Washing clothes	None	Clear	None	-	24	4.8	7.4	1535	2.8	6.2	BDL	100	600	----	----	9.6	Nil	338	227	24	BDL	BDL	317	179	138	115	194	884	710	11	0.3	BDL	15	1.1	56	4.7	Town sewage	Irrigation
20	3083	D/s. of Srishailam	Kurnool/Kurnool	MINARS	Monthly	07.07.2018	8.20 AM	Cloudy	50-100 cms	Bathing Ghat	flowers and puja	Clear	None	-	23	6.3	7.9	649	2	2.1	BDL	Nil	600	----	----	4.6	Nil	152	68	9	BDL	BDL	159	94	65	72	72	374	302	5	0.1	BDL	4	0.07	49	2.5	----	Irrigation
21	14	River Godavari at Polavaram	West Godavari / Eluru	GEMS	Monthly	16.07.2018	1.30PM	Clear	50-100 cms	None	None	Clear	None	-	26	6.2	6.49	255	1.0	5.25	1.88	11	150	----	----	60.2	NIL	88	24	4	0.1	BDL	96	56	40	16	5	160	152	126	0.38	BDL	1	0.77	10.05	0.22	None	Drinking, washing, etc.
22	1218	U/s of River Godavari at Rajahmundry (Kumaradevam)	West Godavari / Eluru	MINARS	Monthly	16.07.2018	02.00PM	Clear	50-100 cms	Cloth washings	None	Clear	None	-	26	6.2	6.74	241	1.2	4.54	1.59	15	210	----	----	54.6	NIL	96	25	4	0.16	BDL	92	56	36	10	7	156	165	108	0.26	BDL	1	0.85	11.17	0.28	None	Drinking, washing, etc.
23	1219	D/s of River Godavari at Rajahmundry (Dhavaleswaram)	East Godavari / Kakinada	MINARS	Monthly	11.07.2018	04.15PM	Clear	50-100 cms	Cattle wading	Moderate	Brown	None	moderate	27	5.8	7.45	218	1.5	4.96	2.66	21	260	----	----	89.3	NIL	92	14	4	0.28	BDL	80	50	30	14	6	142	132	124	0.28	BDL	1	0.57	13.85	0.29	Industrial, domestic	Drinking, washing, irrigation.
24	1448	River Nagavali at Thotapally Regulatory	Vizianagara m / Vizianagara	MINARS	Monthly	10.07.2018	02.30PM	Cloudy	50-100	Others	None	Clear	None	-	26	6.5	7.69	277	1.3	1.02	0.24	15	460	----	----	78.4	NIL	176	24	8	0.21	BDL	120	80	40	11	14	210	196	111	0.03	BDL	2	0.15	19.13	0.56	Industrial	Agriculture purposes
25	2352	River Vamsadhara at Gara, Kalingapatnam	Vizianagara m	MINARS	Monthly	10.07.2018	02.00PM	cloudy	50-100 cms	Others	None	Clear	None	-	28	5.8	6.94	428	1.2	0.86	0.41	11	460	----	----	7.8	NIL	160	54	12	0.12	BDL	170	90	80	20	36	356	344	89	0.02	BDL	2	0.10	31.24	1.2	Industrial	Agriculture purposes
26	2353	Kondakarla-Ava Lake, Kondakarla	Visakhapatnam	MINARS	Monthly	07.07.2018	01.30PM	Clear	>100 cms	Others	None	Clear	None	-	27	6.1	7.66	967	1.3	1.97	0.07	21	1100	----	----	1.8	NIL	280	181	20	0.28	BDL	220	140	80	16	94	580	567	12	0.02	BDL	4	0.67	47.63	2.76	Domestic	Washing purposes
27	2355	Tulje bagh canal, Tekri drain	Kakinada	MINARS	Monthly	11.07.2018	07.00AM	Clear	50-100 cms	None	Moderate	Clear	None	moderate	26	6.6	7.54	8431	1.4	2.7	0.04	21	2400	----	----	18.5	NIL	260	2247	28	0.54	BDL	1430	980	550	158	960	4890	4862	78	0.19	BDL	34	0.19	57.1	10.60	Industrial and domestic	Washing purposes
28	2370	River Godavari at Rajahmundry U/s of Nalla channel	East Godavari / Kakinada	MINARS	Monthly	11.07.2018	09.45AM	Clear	50-100 cms	Cattle wading	None	Clear	None	-	27	5.3	7.77	234	1.3	4.50	2.52	15	210</																									