

A.P. POLLUTION CONTROL BOARD
NWMP DATA FOR THE MONTH OF SEPTEMBER- 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-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	18.09.2018	04.00 P.M.	Clear	>1 mtr.	Bathing, Cloth washing etc.	None	None	None	-	28	7.1	7.90	523	1.6	0.70	---	<2	800	---	---	0.64	---	130	69	<10	BDL	BDL	176	32	23	36	30	320	310	4	BDL	0.40	4.26	0.24	26.3	1.0	Domestic	Irrigation purpose
2	1257	Upstream of Pennar river at Somasila	Nellore / Nellore	NWMP	Monthly	04.09.2018	01.30 P.M.	Clear	App 2-ft	---	---	Colorless	Odourless	-	27	6.8	7.54	890	2.6	1.62	---	4	>1600	---	---	2.40	---	160	128	14	BDL	BDL	248	44	35	94	68	550	540	8	BDL	0.40	10.32	0.53	36	1.9	Domestic	Irrigation purpose
3	1782	Puligadda aqueduct near Avanigadda (V)	Krishna / Vijayawada	NWMP	Monthly	19.09.2018	05.30 P.M.	Clear	>1 mtr.	Cattle washing, cloth	Medium	None	None	-	26	6.5	8.09	35800	2.8	0.94	---	4	1300	---	---	2.18	---	146	11200	18	BDL	BDL	4870	384	950	1350	4980	22900	22870	14	BDL	0.52	140	0.70	68	30.9	Domestic	Irrigation purpose
4	1787	River Krishna at Amaravathi	Krishna / Vijayawada	NWMP	Monthly	10.09.2018	08.30 P.M.	Clear	>100cm	None	---	None	None	-	18	7.2	8.1	410	1.6	0.63	---	2	800	---	---	0.56	---	120	45	<10	BDL	BDL	132	34	12	32	28	258	250	4	BDL	0.22	3.80	0.20	35.7	1.1	Domestic and agriculture	Irrigation purpose
5	1786	Downstream of Krishna river at Vedadri	Krishna / Vijayawada	NWMP	Monthly	18.09.2018	11.30 P.M.	Clear	Approx >1 mts	Bathing, cloth washing	---	Clear	None	-	28	7	8.14	878	1.8	0.92	---	<2	800	---	---	0.83	---	198	158	14	BDL	BDL	200	43	22	92	96	540	532	6	BDL	0.22	8.0	0.92	49.7	2.9	Industrial	Other
6	1790	2nd Causeway, Pulicot lake	Nellore / Nellore	NWMP	Monthly	04.09.2018	12.30 P.M.	Clear	2-3ft	Fishing	---	Colorless	Odourless	-	28	5.8	7.63	42400	2.6	1.52	---	4	>1600	---	---	2.84	---	154	12400	16	BDL	BDL	5460	420	1072	2100	7400	27100	27075	12	BDL	0.40	82	0.76	74.1	43.3	Industrial	-
7	3051	Budameru canal near BDG at NH-5, Keesarapalli	Krishna / Vijayawada	NWMP	Monthly	17.09.2018	03.15 PM	Clear	Approx >1 mts	Fishing and Cloth Washing	---	Clear	None	-	25	5.8	7.54	771	2.6	6.32	---	4	>1600	---	---	1.30	---	238	120	16	BDL	BDL	352	72	42	32	40	490	476	12	BDL	0.38	7.2	0.52	19.3	0.9	-	Other
8	3052	Guntatippa drain B/C with Ryves canal at Ramavarapadu, Vijayawada	Krishna / Vijayawada	NWMP	Monthly	17.09.2018	02.30 PM	Clear	Approx >1 mts	---	---	Clear	None	-	25	5.2	7.55	1568	5.0	9.46	---	4	>1600	---	---	3.18	---	340	284	42	BDL	BDL	386	76	48	82	138	980	970	10	0.62	0.53	22	1.11	41.8	3.0	Agriculture	Other
9	1178	Downstream of Paleru river at Jaggaiahpet	Krishna / Vijayawada	NWMP	Monthly	18.09.2018	12.30 P.M.	Clear	Approx >1 mts	Others	---	Clear	None	-	28	7	8.01	958	1.8	1.53	---	<2	800	---	---	1.26	---	236	145	12	BDL	BDL	292	56	37	63	92	615	600	5	BDL	1.62	3.9	0.46	40.1	2.3	Industrial	---
10	1177	Downstream of Munneru river at Keesara	Krishna / Vijayawada	NWMP	Monthly	18.09.2018	02.45 P.M.	Clear	Approx >1 mts	Others	---	Clear	None	-	28	6.8	7.24	880	2.9	1.24	---	4	1100	---	---	0.84	---	208	120	12	BDL	BDL	174	37	20	94	112	550	535	6	BDL	2.14	5.26	0.70	57.2	3.27	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 not collected																																										
12	30	River Pennar at Siddavatam YSR District	Kadapa/Tirupathi	NWMP	Monthly	07.09.2018	9.00 AM	Clear	> 100 cms	Others	None	clear	None	-	25	6.7	7.52	392	<2	1.1	BDL	Nil	300	---	---	15.8	NIL	106	37	9	BDL	BDL	123	88	35	33	34	224	181	36	0.1	BDL	2.4	0.3	37	1.3	Nil	Irrigation
13	1174	River Thungabhadra at Bhavapuram	Kurnool / Kurnool	NWMP	Monthly	07.09.2019	11.20 AM	Clear	50-100 cms	Others	None	Clear	None	-	24	6.8	6.16	382	<2	1.6	BDL	Nil	400	---	---	8.7	NIL	89	42	11	BDL	BDL	104	60	44	43	46	227	183	40	0.2	BDL	2	0.7	48	2	Nil	Irrigation
14	1175	River Krishna at Sangameswaram	Kurnool / Kurnool	NWMP	Monthly	08.09.2018	9.50 AM	Cloudy	> 100 cms	Bathing Ghat	Flowers	Clear	None	-	23	6.8	7	547	<2	3.1	BDL	Nil	200	---	---	11.1	NIL	127	49	7	BDL	BDL	144	88	56	60	58	317	255	26	0.2	BDL	3	0.8	46	2.1	Nil	Irrigation
15	1255	River Pennar at Uanganoor	Ananthapur / Kurnool	NWMP	Monthly	14.09.2018	8.00 AM	Clear	>100 cms	Others	None	Clear	None	-	23	5.9	7.34	1860	<2	21.4	BDL	Nil	Nil	---	---	1.7	NIL	386	255	5	BDL	BDL	186	81	105	160	342	1106	887	<5	0.1	BDL	6.2	1.2	79	10.9	Nil	--
16	1256	River Pennar at Pushpagiri	Kadapa / Tirupathi	NWMP	Monthly	07.08.2018	11.30 AM	Clear	50-100 cms	Others	None	Clear	None	-	26	6.9	7.36	374	<2	1.7	BDL	Nil	200	---	---	4.6	NIL	106	35	5	BDL	BDL	111	92	19	32	38	219	178	38	0.1	BDL	2.3	0.3	42	1.6	Nil	Irrigation
17	1785	River Thungabhadra at Manthralayam	Kurnool/Kurnool	NWMP	Monthly	06.09.2018	9.05 AM	Cloudy	Flood	Bathing	None	Clear	None	-	22	6.8	8.14	302	<2	<1	BDL	Nil	300	---	---	14.9	NIL	79	31	14	BDL	BDL	75	55	20	30	38	177	141	18	0.3	BDL	2.1	0.4	52	1.9	--	Irrigation
18	2350	River Hundri at Laxmipuram village	Kurnool/Kurnool	NWMP	Monthly	07.09.2018	10.20 AM	Clear	<50 cms	Others	None	Turbid	None	-	24	6.3	6.47	391	<2	2.5	BDL	Nil	400	---	---	32	NIL	106	38	11	BDL	BDL	108	72	36	30	40	226	183	53	0.2	BDL	3	0.3	44	1.7	Nil	--
19	2351	River Kundu at Nandyal	Kurnool/Kurnool	NWMP	Monthly	05.09.2018	8.30 AM	Clear	Flood	Others	None	Turbid	None	-	22	7.1	8.21	322	2	1.5	BDL	Nil	400	---	---	31.7	NIL	96	30	11	BDL	BDL	95	65	30	24	30	179	145	51	0.2	BDL	2.6	0.2	40	1.3	Town sewage	Irrigation
20	3083	D/s. of Srishailam	Kurnool/Kurnool	NWMP	Monthly	06.09.2018	8.10 AM	Cloudy	50-100 cms	Bathing Ghat	flowers and puja material	Clear	None	-	22	7	7.98	263	<2	2.9	BDL	Nil	300	---	---	10.3	NIL	79	25	11	BDL	BDL	81	59	22	16	26	155	126	13	0.3	BDL	1.8	0.4	40	1.3	---	Irrigation
21	14	River Godavari at Polavaram	West Godavari / Eluru	NWMP	Monthly	22.09.2018	12.30 PM	Clear	50-100 cms	None	None	Clear	None	-	25	6.0	7.21	271	1.3	3.16	0.82	9	210	---	---	78.11	NIL	96	10	4	0.10	BDL	104	64	40	35.67	3.56	176	165	34	0.22	BDL	1.38	0.40	6.83	0.15	None	Drinking, washing, etc
22	1218	U/s of River Godavari at Rajahmundry (Kumaradevam)	West Godavari / Eluru	NWMP	Monthly	22.09.2018	01.30 PM	Clear	50-100 cms	Cloth washings	None	Clear	None	-	26	5.8	7.32	240	1.2	3.06	0.80	14	150	---	---	83.35	NIL	92	10	4	0.11	BDL	92	52	40	27.44	3.54	156	147	33	0.10	BDL	1.28	0.28	7.61	0.16	None	Drinking, washing, etc
23	1219	D/s of River Godavari at Rajahmundry (Dhavaleswaram)	East Godavari / Kakinada	NWMP	Monthly	11.09.2018	05.00 PM	Clear	50-100 cms	Cattle wading	Moderate	Brown	None	border	30	7.4	7.48	331	1.3	1.78	0.15	28	460	---	---	70.82	NIL	136	25	8	0.23	BDL	120	68	52	19.25	8.43	212	203	70	0.05	BDL	1.96	0.11	13.04	0.34	Industrial, domestic	Drinking, washing, irrigation
24	1448	River Nagavali at Thotapally Regulatory	Vizianagara m / Vizianagara	NWMP	Monthly	14.09.2018	03.30 PM	Cloudy	50-100 cms	Others	None	Clear	None	-	27	5.2	7.60	280	1.2	2.12	0.73	7	1100	---	---	106.7	NIL	80	35	16	0.26	BDL	72	48	24	18.4	19	182	171	96	0.9	BDL	4.9	0.04	34.60	0.97	Industrial	Agriculture purposes
25	2352	River Vamsadhara at Gara, Kalingapatnam	Vizianagara m	NWMP	Monthly	07.09.2018	02.30 PM	cloudy	50-100 cms	Others	None	Clear	None	-	28	5.1	8.01	376	1.1	1.78	0.09	11	460	---	---	27.31	NIL	160	39	12	0.18	BDL	140	80	60	15.53	12	256	247	66	0.11	BDL	3.06	0.10	15.37	0.44	Industrial	Agriculture purposes
26	2353	Kondakarla-Ava Lake, Kondakarla	Visakhapatnam	NWMP	Monthly	04.09.2018	04.30 PM	Clear	>100 cms	Others	None	Clear	None	-	26	6.1	7.96	965	1.3	1.55	0.51	23	460	---	---	13.72	NIL	268	191	12	0.21	0.08	220	152	68	22.04	108.22	656	642	7	0.04	BDL	7.39	0.32	50.68	3.18	Domestic	Washing purposes
27	2355	Tulje bagh canal, Tekri drain	Kakinada	NWMP	Monthly	11.09.2018	06.30 AM	Clear	50-100 cms	None	Moderate	Clear	None	border	27	4.5	7.56	829	1.0	1.85	0.02	15	1100	---	---	16.45	NIL	176	176	20	0.18	0.08	224	132	92	30.58	81.61	564	551	62	0.14	BDL	3.09	0.22	43.81	2.37	Industrial and domestic	Washing purposes
28	2370	River Godavari at Rajahmundry U/s of Nalla channel	East Godavari / Kakinada	NWMP	Monthly	11.09.2018	09.20 AM	Clear	50-100 cms	Cattle wading	None	Clear	None	-	29	7.0	7.50	289	1.5	1.74	0.05																											