

**A.P. POLLUTION CONTROL BOARD
NATIONAL WATER MONITORING PROGRAMME (NWMP) DATA FOR THE MONTH OF JANUARY - 2019**

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	07.01.2019	05.00 P.M.	Clear	>1 mtr.	Bathing, Cloth washing etc.	None	None	None	-	22	7.3	7.11	1041	1.2	0.56	----	<2	800	0.51	0.66	0.64	----	214	142	<10	BDL	BDL	292	58	36	96	80	650	642	4	BDL	0.27	4.2	0.36	36.7	2.0	Domestic	Irrigation purpose
2	1257	Upstream of Pennar river at Somasila	Nellore / Nellore	NWMP	Monthly	09.01.2019	03.30 P.M.	Clear	App 2-ft	----	----	Colorless	Odourless	-	27	6.9	7.86	850	2	1.15	----	<2	800	0.62	0.58	1.62	----	170	146	14	BDL	BDL	286	50	39	96	73	530	522	4	BDL	0.36	3.82	0.46	35.1	1.9	Domestic	Irrigation purpose
3	1782	Puligadda aqueduct near Avaniagadda (V)	Krishna / Vijayawada	NWMP	Monthly	22.01.2019	11.00 A.M.	Clear	>1 mtr.	Cattle washing, cloth washing, boating etc.	Medium	None	None	-	25	5.5	7.82	32000	2.2	0.83	----	4	>1600	5.1	0.66	2.18	----	150	9800	16	BDL	BDL	5100	402	995	2200	5600	20500	20468	12	BDL	0.63	156	0.72	69.5	33.9	Domestic	Irrigation purpose
4	1787	River Krishna at Amaravathi	Krishna / Vijayawada	NWMP	Monthly	08.01.2019	10.20 A.M.	Clear	>100cm	None	----	None	None	-	18	7	7.49	550	1.2	0.48	----	<2	800	5.1	0.66	0.62	----	148	74	<10	BDL	BDL	158	45	21	48	43	340	332	4	BDL	0.10	2.40	0.18	36.6	1.5	Domestic and agriculture	Irrigation purpose
5	1786	Downstream of Krishna river at Vedadri	Krishna / Vijayawada	NWMP	Monthly	07.01.2019	10.30 A.M.	Clear	Appro x >1 mts	Bathing, cloth washing, boating ect	----	Clear	None	-	22	7.1	7.93	939	1	0.74	----	<2	800	5.1	0.58	0.58	----	200	126	<10	BDL	BDL	276	56	33	72	80	572	560	4	BDL	0.30	4.8	0.60	38	2.1	Industrial	Other
6	1790	2nd Causeway, Pulicot lake	Nellore / Nellore	NWMP	Monthly	09.01.2019	12.45 P.M.	Clear	2-3ft	Fishing	----	Colorless	Odourless	-	28	5.1	7.32	40200	2.2	1.50	----	4	>1600	0.62	0.58	1.90	----	162	11400	16	BDL	BDL	4900	392	953	2320	6200	25700	25677	12	BDL	0.80	106	0.94	72.6	38.3	Industrial	-
7	3051	Budameru canal near BDG at NH-5, Keesarapalli	Krishna / Vijayawada	NWMP	Monthly	07.01.2019	04.30 PM	Clear	Appro x >1 mts	Fishing and Cloth Washing	----	Clear	None	-	24	5.8	7.25	1100	2.6	1.94	----	4	1300	---	---	1.50	----	256	170	20	BDL	BDL	340	64	44	73	96	698	686	8	0.70	0.38	22	0.93	36	2.3	-	Other
8	3052	Guntatippa drain B/C with Ryves canal at Ramavarapadu, Vijayawada	Krishna / Vijayawada	NWMP	Monthly	07.01.2019	04.00 PM	Clear	Appro x >1 mts	----	----	Clear	None	-	24	5.2	6.93	1886	4.0	2.14	----	4	>1600	---	---	2.14	----	480	256	36	BDL	BDL	392	93	39	88	194	1190	1178	12	0.94	0.50	36	0.93	48.9	4.2	Agriculture	Other
9	1178	Downstream of Paleru river at Jaggaiahpet	Krishna/ Vijayawada	NWMP	Monthly	07.01.2019	11.15 A.M.	Clear	Appro x >1 mts	Others	----	Clear	None	-	23	7.1	7.78	1138	1.2	0.60	----	<2	800	6.2	0.58	0.83	----	310	132	<10	BDL	BDL	335	68	40	74	92	710	700	6	BDL	0.73	7.4	0.48	36.6	2.2	Industrial	----
10	1177	Downstream of Munneru river at Keesara	Krishna/ Vijayawada	NWMP	Monthly	07.01.2019	02.30 P.M.	Clear	Appro x >1 mts	Others	----	Clear	None	-	25	6.9	7.46	839	1.8	0.93	----	<2	800	0.62	0.66	0.68	----	184	116	<10	BDL	BDL	240	43	32	64	73	504	496	4	BDL	0.19	3.0	0.27	39.2	2	Industrial	----
11	3079	D/s of River Krishna after Confluence with treated Sewage discharging from 10 MLD STP located at Ramalingeshwaram, vijayawada. Oct)	Krishna/ Vijayawada	NWMP	Monthly	Sample was not collected due to dry condition for the month of January, 2019.																																										
12	30	River Pennar at Siddavatam, YSR District	Kadapa/ Tirupathi	NWMP	Monthly	04.01.2019	10:00 AM	Clear	50-100 cm	Others	None	Clear	None	---	25	3.3 mg	7.62	1211	1.2	0.9	0.1	Nil	400	---	---	5.8	---	206	154	13	<1	<1	231	42	189	167	171	709	570	23	<0.1	<0.2	4.8	0.4	61	4.9	Nil	Irrigation
13	1174	River Thungabhadra at Bhavapuram	Kurnool / Kurnool	NWMP	Monthly	03.01.2019	9.10 AM	Clear	50-100 cm	Others	None	Clear	None	---	18	8 mg	8.10	1472	2.5	1.6	0.1	Nil	500	---	---	5.9	---	238	178	19	<1	<1	215	98	117	232	239	891	715	30	<0.1	<0.2	5.5	0.8	70	7.1	Nil	Irrigation
14	1175	River Krishna at Sangameswaram	Kurnool / Kurnool	NWMP	Monthly	03.01.2019	07.54 AM	Clear	> 100 cm	Others	None	Clear	None	---	16	6 mg	7.99	566	1.2	1.4	BDL	Nil	300	---	---	16.8	---	129	56	9	<1	<1	143	84	59	71	64	336	271	26	<0.1	<0.2	2.6	0.4	49	2.3	Nil	Irrigation
15	1255	River Pennar at Uanganoor	Ananthapur/ Kurnool	NWMP	Monthly	08.01.2019	8.20AM	Clear	---	Others	None	Clear	None	---	18	5.9 mg	7.21	1965	0.8	11.8	0.1	Nil	Nil	---	---	<1	---	486	234	9	<1	<1	248	156	92	146	335	1162	932	9	<0.1	<0.2	6.9	1.1	74	9.2	Nil	--
16	1256	River Pennar at Pushpagiri	Kadapa / Tirupathi	NWMP	Monthly	04.01.2019	11.30 AM	Clear	50-100 cm	Others	None	Clear	None	---	24	5.8 mg	7.60	1208	1.2	0.9	0.1	Nil	400	---	---	6.3	---	202	155	9	<1	<1	235	38	197	174	169	713	572	21	<0.1	<0.2	4.8	0.4	60	4.8	Nil	Irrigation
17	1785	River Thungabhadra at Manthralayam	Kurnool/ Kurnool	NWMP	Monthly	14.01.2019	7.40 AM	Clear	50-100 cm	Bathing ghat	None	Clear	None	---	17	5 mg	7.66	998	1.2	1.7	BDL	100	600	---	---	5.8	---	155	106	9	<1	<1	156	104	52	184	159	630	508	11	<0.1	<0.2	3.7	0.9	68	5.5	--	Irrigation
18	2350	River Hundri near Laxmipuram village	Kurnool/ Kurnool	NWMP	Monthly	03.01.2019	08.40 AM	Clear	---	Others	None	Clear	None	---	18	2 mg	7.88	1389	2.2	1.3	0.4	100	500	---	---	15.6	---	258	181	17	<1	<1	239	106	133	166	203	837	673	36	0.3	<0.2	14.9	0.9	63	5.7	Nil	--
19	2351	River Kundu at Nandyal	Kurnool/ Kurnool	NWMP	Monthly	03.01.2019	8.00 AM	Clear	50-100 cm	Others	None	Clear	None	---	16	5 mg	7.86	1250	1.8	1.7	0.4	100	800	---	---	10.1	---	222	129	13	<1	<1	235	50	185	210	178	745	600	37	0.2	<0.2	3.9	0.4	62	5.0	Town sewage	Irrigation
20	3083	River Krishna D/s. of Srishailam (Pathalaganga)	Kurnool/ Kurnool	NWMP	Monthly	04.01.2019	8.10 AM	Clear	> 100 cm	Bathing ghat	Puja Materials	Clear	None	---	14	4 mg	7.88	365	0.8	1.1	BDL	Nil	300	---	---	1.9	---	85	37	6	<1	<1	98	84	14	37	38	213	172	6	<0.1	<0.2	2.0	0.5	45	1.7	---	Irrigation
21	14	River Godavari at Polavaram	West Godavari / Eluru	NWMP	Monthly	24.01.2019	02.30PM	Clear	50-100 cms	None	None	Clear	None	-	27	6.7	7.30	271	1.0	0.31	0.04	7	120	6.4	0.86	5.89	BDL	112	19	4	0.14	0.02	124	60	64	8.58	9.48	176	164	16	0.03	0.02	2.39	0.38	13.98	0.37	None	Drinking, washing, etc.
22	1218	U/s of River Godavari at Rajahmundry (Kumaradevam)	West Godavari / Eluru	NWMP	Monthly	24.01.2019	03.30PM	Clear	50-100 cms	Cloth washings	None	Clear	None	-	26	6.5	7.27	265	1.2	0.28	0.04	4	93	5.6	0.68	8.12	BDL	112	20	4	0.15	0.04	132	68	64	10.3	10	184	172	16	0.04	0.01	2.61	0.55	13.86	0.38	None	Drinking, washing, etc.

