

**A.P. POLLUTION CONTROL BOARD
NATIONAL WATER MONITORING PROGRAMME (NWMP) DATA FOR THE MONTH OF NOVEMBER - 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 (m ³ /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)	Fecal Spectococi	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 downstre AM		
1	25	Upstre AM of river Krishna at Prakas AM barrage	Krishna / Vijayawada	NWMP	Monthly	06.11.2019	04.30 PM	Clear	>1 mtr.	Bathing, Cloth washing etc.	---	Clear	None	-	26	7.1	8.07	375	0.8	0.52	---	240	<3	BDL	---	---	0.42	---	118	42	<10	BDL	0.06	124	86	38	26	28	228	220	4	0.16	0.20	3.1	0.74	32.1	1.1	Domestic	Irrigation purpose		
2	1257	Upstre AM of Pennar river at Somasila	Nellore / Nellore	NWMP	Monthly	05.11.2019	02.00 PM	Clear	3-4 ft	Fishing & Agriculture	---	Colorless	Odourless	-	24	7.1	8.06	1140	1.2	0.72	---	210	<3	BDL	---	---	0.82	---	162	188	<10	BDL	0.08	254	172	82	118	120	696	680	6	0.24	0.38	6.3	0.64	49.8	3.3	Domestic & agriculture	Domestic & Agriculture		
3	1782	Puligadda aqueduct near Avaniagadda (V)	Krishna / Vijayawada	NWMP	Monthly	07.11.2019	03.30 PM	Clear	>1 mtr.	Cattle Washing, Boating	---	Turbid	None	Medium	26	5.2	7.56	35700	1.8	0.74	---	210	<3	BDL	---	---	1.90	---	156	10800	14	BDL	0.06	5760	2010	3750	2340	5500	22500	22475	8	0.32	0.16	308	0.82	65.8	31.4	Other	Fishing		
4	1787	River Krishna at Amaravathi	Guntur / Guntur	NWMP	Monthly	11.11.2019	12.30 PM	Clear	>100 cms.	Others	---	Clear	None	-	23	7.3	7.88	734	1.2	0.80	---	210	<3	BDL	---	---	0.64	---	164	98	<10	BDL	0.04	208	96	112	72	69	440	430	4	0.12	0.26	5.20	0.88	41	2.1	Other	Fishing		
5	1786	Downstre AM of Krishna river at Vedadri	Krishna / Vijayawada	NWMP	Monthly	06.11.2019	01.00 PM	Clear	Approx >1 mts	Bathing, cloth washing, boating ect	---	Clear	None	-	27	7.2	7.89	390	0.8	0.54	---	150	<3	BDL	---	---	0.34	---	94	52	<10	BDL	0.08	128	74	54	38	30	238	226	12	0.18	0.12	2.1	0.42	33.2	1.1	Other	Cultivation		
6	1790	2nd Causeway, Pulicot lake	Nellore / Nellore	NWMP	Monthly	05.11.2019	11.00 AM	Clear	2-3ft	Fishing	---	Colorless	Odourless	-	22	5.2	7.87	21840	2.2	0.64	---	240	<3	BDL	---	---	0.82	---	160	6800	14	BDL	0.08	1860	810	1050	1180	4100	13760	13735	8	0.30	0.28	160	0.58	81.1	41.2	Industrial & other	Industrial & Fishing		
7	3051	Bud AMeru canal near BDG at NH-5, Keesarapalli	Krishna / Vijayawada	NWMP	Monthly	12.11.2019	11.30 AM	Clear	>1 mts	Fishing and Cloth Washing.	---	Cloud	None	-	26	6.2	7.87	905	3.2	1.28	---	210	<3	BDL	---	---	1.62	---	246	98	18	2.84	2.70	260	120	140	72	70	560	542	12	1.48	0.52	8.04	1.26	35.9	1.9	Other	Natural drain		
8	3052	Guntatippa drain B/C with Ryves canal at R AMavarapadu, Vijayawada	Krishna / Vijayawada	NWMP	Monthly	12.11.2019	12.30 PM	Clear	<1 mts	---	---	Cloud	None	-	27	5.6	7.72	1540	6.8	5.82	---	240	3	BDL	---	---	2.28	---	390	204	52	3.70	3.58	398	228	170	130	152	950	928	16	2.24	1.72	20.14	1.32	43.7	3.3	Industrial, Domestic & others	Cultivation		
9	1177	Downstre AM of Munneru River at Keesara	Krishna / Vijayawada	NWMP	Monthly	06.11.2019	02.30 PM	Cloudy	Approx >1 mts	Fishing, Bathing & Cloth washing	---	Clear	None	-	27	7.4	8.02	639	1.2	0.64	---	240	<3	BDL	---	---	0.72	---	178	80	<10	BDL	0.06	168	82	86	58	68	390	378	4	0.18	0.20	4.82	0.24	45.7	2.3	Other	Cultivation		
10	1178	Downstre AM of Paleru river at Jaggaiahpet	Krishna/ Vijayawada	NWMP	Monthly	06.11.2019	11.00 PM	Clear	Approx >1 mts	Others	Water hyacinth	Clear	None	-	26	7.2	7.86	889	1.4	0.68	---	210	<3	BDL	---	---	0.82	---	246	110	<10	BDL	0.06	296	168	128	84	70	530	518	4	0.32	0.28	4.7	0.68	33.4	1.8	Other	Drinking water source to Jaggaiahpet		
11	4385	Sea Water, Bay of Bengal. Kothapatn AM Beach, Prakas am District,	Prakas AM/ Ongole	NWMP	Monthly	06.11.2019	04.10 PM	Clear & Sunny	Below 100m	Fishing & Salt Manufacturing	---	Colorless	Odourless	-	30	4.8	8.29	31200	2.4	0.46	---	240	<3	BDL	---	---	---	---	---	---	---	---	---	---	---	---	---	2140	---	19340	---	---	0.38	---	---	---	---	---	---	Other	Fishing & Salt Manufacturing
12	4387	Krishnapatn AM Port	Nellore/ Nellore	NWMP	Monthly	01.11.2019	11.30 A.M	Clear	2-3 mtr.	Fishing	---	Colorless	Odourless	-	23	4.6	8.11	19000	2	0.42	---	210	<3	BDL	---	---	---	---	---	---	---	---	---	---	---	---	---	1780	---	12350	---	---	0.42	---	---	---	---	---	Industrial / Other	Industrial and Fishing	
13	4383	Sea Water Bay of Bengal Fishing Harbor, Niz AMpatn AM	Guntur/ Guntur	NWMP	Monthly	11.11.2019	11.25 AM	Clear	Approx>100 mtr.	Fishing	---	Clear	None	-	22	5.5	7.78	14420	2.4	0.68	---	150	<3	BDL	---	---	---	---	---	---	---	---	---	---	---	---	---	1850	---	8940	---	---	0.56	---	---	---	---	---	Other	Cultivation	
14	4386	Sea Water Bay of Bengal, Vadarevu Beach, Chirala, Prakasam District	Prakas AM/ Ongole	NWMP	Monthly	06.11.2019	11.30 PM	Clear & Sunny	Below 100m	Fishing	---	Colorless	Odorless	-	30	4.8	8.37	28000	2.2	0.46	---	240	<3	BDL	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2048	---	17400	---	---	0.36	---	---	---	---	---	Other	Fishing
15	4375	Pavitra Sang AM AM at Ibrahimpatn AM	Krishna/ Vijayawada	NWMP	Monthly	06.11.2019	03.40 PM	Clear	Approx >1 mts	Bathing, Cloth washing etc.	None	Clear	None	-	27	7.2	7.96	398	0.8	0.54	---	210	<3	BDL	---	---	0.38	---	120	40	<10	BDL	0.04	122	80	42	38	30	238	220	4	0.16	0.24	3.20	0.68	34	1.2	Domestic	Irrigation purpose		
16	4378	Sea Water Bay of Bengal Manginapudi Beach, Machilipatn AM	Krishna / Vijayawada	NWMP	Monthly	13.11.2019	02.00 PM	Clear	Approx >1 mts	Bathing	-	None	None	-	27	4.5	7.71	32850	2.4	0.72	---	240	<3	BDL	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2200	-	20370	-	-	0.28	-	-	-	-	-	Other	Irrigation purpose
17	4379	Upputeru before confluence with sea at Chinnagollapalem	Krishna / Vijayawada	NWMP	Monthly	13.11.2019	04.00 PM	Clear	Aprox >1mts	-	Water hyacinth	None	None	-	27	4.1	7.94	31500	2.4	0.60	---	240	<3	BDL	---	---	---	---	---	---	---	---	---	---	---	---	---	1940	-	19600	-	-	0.46	-	-	-	-	-	Other	Irrigation purpose	
18	4381	River Krishna after confluence with River Musi at Vadapalli (V), Guntur	Guntur/ Guntur	NWMP	Monthly	11.11.2019	03.45 PM	Clear	>100 CM.	Fishing	-	Clear	None	-	23	7.1	8.05	664	1.0	0.42	---	240	<3	BDL	---	---	0.64	---	164	88	<10	BDL	1.0	190	128	62	60	62	405	393	4	0.18	0.22	4.08	0.58	40.7	2	Other	Irrigation purpose		
19	4384	Infront of M/s Bhageeradha Chemicals & Industries Ltd., Cheruvukumpapalem (V), Ongole (M), Prakas AM District	Prakas AM/ Ongole	NWMP	Monthly	06.11.2019	02.45 PM	Clear & Sunny	About 500 ft	Industries	---	Colorless	Odorless	-	30	4.4	7.50	9400	1.6	5.80	---	150	<3	BDL	---	---	0.52	---	476	2180	16	BDL	0.12	2246	752	1494	1390	1280	5920	5892	10	0.32	0.36	20.5	1.92	54.8	11.7	Industrial	Industrial & Domestic		
20	3079	D/s of River Krishna after confluence with treated sewage discharging from 10MLD STP located at R AMalingeshwarnagar, Vijayawada	Krishna	NWMP	Monthly	Sample was not collected due to dry condition for the month of November, 2019.																																													
21	4346	Nagavali River near NH-16 Bridge, Up stre AM of Srikakul AM, before confluence of town Sewage .	Srikakul AM	NWMP	Monthly	05.11.2019	4.30 PM	Clear	50-100 cms	Others	None	Clear	None	-	27	7.1	7.98	313	1.6	0.74	0.03	11	93	-	-	2.14	0.0	120	34	8	0.28	0.04	132	92	40	3.7	18.93	212	204	10	0.04	0.02	2.47	0.69	23.38	0.72	Industrial	Agricultural purposes			
22	4347	Nagavali River near Water pump house (Killipalem), Down stre AM of Srikakul AM, after confluence of town sewage	Srikakul AM	NWMP	Monthly	05.11.2019	4.10 PM	Clear	50-100 cms	Others	None	Clear	None	-	28	7.0	8.15	388	2.1	0.95	0.01	15	120	-	-	4.02	0.0	140	44	9.6	0.28	0.06	152	84	68	6.3	24.40	252	240	16	0.07	0.03	2.82	0.40	25.46	0.86	Industrial	Agricultural purposes			
23	4348	River V AMSadhara at Battili	Srikakul AM	NWMP	Monthly	05.11.2019	12.00 PM	Clear	50-100 cms	Others	None	Clear	None	-	28	8.1	7.57	324	2.2	0.77	0.05	9	120	-	-	4.15	0.0	108	39	8.8	0.14	0.03	108	64	44	3.48	23.76	204	196	12	0.03	0.02	2.66	0.30	31.72	1.0	Industrial	Agricultural purposes			

52	4369	Cooling water blow downs from Andhra Sugars Ltd., Kovvur, Before joining River Godavari	West Godavari / Eluru	NWMP	Monthly	14.11.2019	10.45 AM	Clear	100 cms	Cloth washings	None	Clear	None	-	26	6.2	7.99	606	1.7	1.44	0.01	7	93.0	-	-	0.75	0.0	188	73	10	0.28	0.04	252	88	164	34.50	32.62	394	382	4	0.09	0.01	5.28	0.08	21.54	0.89	Domestic, Agriculture & others	Irrigation & Fish ponds
53	4370	Krishna Canal at Hanuman Nagar, Near Saibaba Temple, Eluru	West Godavari / Eluru	NWMP	Monthly	14.11.2019	11.30 AM	Clear	100 cms	Cloth washings	None	Clear	None	-	26	6.5	7.83	387	2.1	1.25	0.01	15	240.0	-	-	0.49	0.0	132	64	8	0.42	0.08	192	80	112	34.01	29.81	312	304	3	0.15	0.02	2.7	0.24	24.93	0.94	Domestic, Agriculture & others	Irrigation & Fish ponds
54	4371	Sea water, Bay of Bengal, After confluence of River Vasista Godavari at Chinn AMainavanilanka (V) , Narasapur AM (M), West Godavari District.	West Godavari / Eluru	NWMP	Monthly	14.11.2019	01.15 PM	Clear	>100cms	Fishing & Bathing	None	Clear	None	-	28	5.6	8.05	37200	2.6	0.91	0.01	4	120.0	-	-	0.56	-	-	-	-	-	-	-	-	-	-	32512	32496	4	0.05	0.11	493.2	1.07	-	-	Domestic, Agriculture & others	Fishing & Bathing	
55	4372	Gosthani River s AMple before confluence with M/s Delta Paper Mill effluents, Vendra (V), Palakoderu (M)	West Godavari / Eluru	NWMP	Monthly	14.11.2019	3.45 PM	Clear	< 3 mtrs	Cloth washings	None	Clear	None	-	26	3.8	7.81	1067	4.5	3.1	0.02	15	240.0	-	-	0.95	0.0	120	225	12	0.14	0.03	300	168	132	72.16	111.5	692	680	4	0.15	0.05	6.26	0.16	44.08	2.80	Domestic, Agriculture & others	Irrigation & Fish ponds
56	4373	Gosthani River s AMple after confluence with M/s Delta Paper Mill effluents, Vendra (V), Palakoderu (M) but before confluence with Yan AMadurru drain	West Godavari / Eluru	NWMP	Monthly	14.11.2019	05.20 PM	Clear	< 3 mtrs	Cloth washings	None	Clear	None	-	25	3.5	7.69	1102	5.5	2.99	0.02	21	460.0	-	-	2.11	0.0	124	245	14	0.28	0.05	332	180	152	74.3	112.3	740	726	9	0.13	0.07	6.07	0.17	41.85	2.68	Domestic, Agriculture & others	Confluence with Yen AMadurru drain
57	4374	Gostha Nadi-Velpuru Canal at Hanuman Temple D/s of Tanuku Town, Attili (M)	West Godavari / Eluru	NWMP	Monthly	14.11.2019	12.00 PM	Clear	50-100 cms	Cloth washings	None	Clear	None	-	26	4.0	7.79	409	2.6	1.48	0.02	11	150.0	-	-	0.72	0.0	128	49	11	0.14	0.04	180	88	92	19.64	18.27	266	254	6	0.13	0.02	3.56	0.07	17.74	0.59	Domestic, Agriculture & others	Drinking & Washing
58	30	River Pennar at Siddavat AM, YSR District	Kadapa/ Kadapa	NWMP	Monthly	12.11.2019	04.00 PM	Clear	50 - 100 cm	Fishing/Others	None	Clear	None	Moderate	28	5.7	7.6	866	1.8	0.9	0.04	100	600	---	---	6	204	112	14	1.1	0.6	184	96	88	64	115	497	401	28	0.1	1.6	2.4	0.3	57	3.7	Domestic	Irrigation	
59	1174	River Thungabhadra at Bhavapur AM	Kurnool / Kurnool	NWMP	Monthly	19.11.2019	08.50 AM	Clear	> 100 cm	Others	None	Clear	None	Moderate	21	5.6	7.9	1414	2.2	0.8	0.06	100	500	---	---	9	244	240	18	0.8	0.6	240	116	124	144	225	920	736	33	0.1	2.4	2.8	0.3	67	6.3	Domestic	Irrigation	
60	1175	River Krishna at Sang AMeswar AM	Kurnool / Kurnool	NWMP	Monthly	07.11.2019	9:55 AM	Clear	> 100 cm	Bathing/Others	None	Clear	None	Moderate	23	6.5	7.4	478	2.0	1.2	0.05	200	1100	---	---	13	136	56	15	1.1	0.8	156	104	52	49	52	326	261	29	0.1	1.1	2.3	0.2	42	1.8	None	Irrigation	
61	1255	River Pennar at Unganoor	Anantapur/ Anantapur	NWMP	Monthly	07.11.2019	8:10 AM	Clear	50 - 100 cm	Others	None	Clear	None	Moderate	24	5.4	7.5	1038	2.7	0.6	0.03	100	600	---	---	7	172	136	22	1.1	0.8	168	104	64	143	155	624	501	34	0.2	2.3	12.7	0.8	65	5.2	Domestic	Irrigation	
62	1256	River Pennar at Pushpagiri	Kadapa/ Kadapa	NWMP	Monthly	12.11.2019	11:15 AM	Clear	50 - 100 cm	Others	None	Clear	None	Moderate	26	5.8	7.7	654	1.5	0.6	0.02	Nil	500	---	---	4	156	94	12	0.8	0.6	160	72	88	53	85	392	312	16	0.06	1.1	1.8	0.3	53	2.9	Domestic	Irrigation	
63	1785	River Thungabhadra at Manthralay	Kurnool / Kurnool	NWMP	Monthly	01.11.2019	9:55 AM	Clear	> 100 cm	Others	None	Clear	None	Moderate	23	6.4	7.1	562	1.5	2.1	0.2	100	700	---	---	11	112	58	11	0.8	0.6	128	72	56	74	70	331	267	22	0.3	1.4	2.9	0.4	54	2.7	Domestic	Irrigation	
64	2350	River Hundri near Laxmipur am village	Kurnool/ Kurnool	NWMP	Monthly	19.11.2019	10:00 AM	Clear	> 100 cms	Others	None	Clear	None	Moderate	24	5.9	7.6	828	1.7	1.3	0.3	100	500	---	---	8	232	76	14	1.1	0.6	188	116	72	64	103	477	384	19	0.08	1.8	3.2	0.3	54	3.3	Domestic	Irrigation	
65	2351	River Kundu at Nandyal	Kurnool/ Kurnool	NWMP	Monthly	06.11.2019	8:40 AM	Clear	> 100 cm	Others	None	Clear	None	Moderate	23	5.6	7.0	657	1.8	1.6	0.1	200	1100	---	---	8	160	74	15	1.4	1.1	184	112	72	53	63	374	301	27	0.1	1.3	7.0	0.3	42	2.0	Town sewage	Irrigation	
66	3083	River Krishna D/s. of Srishail AM (Pathalaganga)	Kurnool/ Kurnool	NWMP	Monthly	04.11.2019	8:20 AM	Clear	> 100 cm	Bathing ghat	Puja Materials	Clear	None	Moderate	22	6.3	7.1	446	1.0	1.2	0.04	300	1600	---	---	7	92	58	8	1.1	0.8	128	88	40	43	44	258	208	36	0.1	0.7	2.1	0.2	42	1.7	Domestic	Irrigation	
67	4389	River Tungabhadra at Pagidempadu (V), Kurnool (M), Kurnool district.	Kurnool/ Kurnool	NWMP	Monthly	19.11.2019	11:50 AM	Clear	> 100 cm	Others	None	Clear	None	Moderate	26	5.5	7.8	963	2.2	1.3	0.05	200	900	---	---	12	208	124	18	1.4	1.1	200	116	84	89	130	551	443	28	0.3	2.1	3.0	0.4	58	4.0	Domestic	Irrigation	
68	4388	River Tungabhadra near Sivalay AM Temple at Gondiparla (V), Kurnool district	Kurnool/ Kurnool	NWMP	Monthly	23.11.2019	10:10 AM	Clear	> 100 cm	Others	None	Clear	None	Moderate	25	5.1	7.4	1251	2.8	1.4	0.1	100	800	---	---	14	236	198	21	1.4	0.8	228	152	76	103	184	733	587	27	0.1	2.6	4.1	0.4	63	5.3	Domestic	Irrigation	
69	4390	Papavinsan AM Reservoir, Tirumala, Chittoor district.	Chittoor/ Tirupathi	NWMP	Monthly	06.11.2019	9:30 AM	Clear	50 - 100 cm	Others	None	Clear	None		26	6.8	7.6	72	1.2	0.4	0.02	Nil	300	---	---	2	16	14	9	BDL	BDL	24	16	8	2	6	41	34	9	0.02	0.2	0.7	0.1	34	0.5	None	Domestic	
70	4391	Cheng AMbak AM tank, Sricity SEZ, Chittoor district.	Chittoor/ Tirupathi	NWMP	Monthly	07.11.2019	9:45 AM	Cloudy	50 - 100 cm	Cattle wading/Others	None	Clear	None		27	5.2	6.8	694	2.8	0.9	0.2	200	1400	---	---	10	220	52	22	1.7	1.1	156	104	52	49	87	389	313	27	0.4	1.9	3.2	0.7	54	3.0	Domestic	Irrigation	