

**A.P. POLLUTION CONTROL BOARD
NATIONAL WATER MONITORING PROGRAMME (NWMP) DATA FOR THE MONTH OF JUNE - 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	10.06.2019	04.00 A.M.	Clear	>1 mtr.	Bathing, Cloth washing etc.	None	None	None	-	28	7.4	7.52	687	1.2	0.84	----	<2	800	----	----	0.60	----	194	78	<10	BDL	0.06	218	96	122	62	58	420	412	4	0.04	0.16	3.28	0.86	36.2	1.7	Domestic	Irrigation purpose		
2	1257	Upstream of Pennar river at Somasila	Nellore / Nellore	NWMP	Monthly	10.06.2019	12.00 P.M.	Clear	App 2-3 ft	----	----	Colorless	Odourless	-	20	7.5	7.70	1062	1.8	0.93	----	<2	800	----	----	1.42	----	188	160	14	BDL	0.06	250	174	76	92	102	650	640	10	0.32	0.20	6.3	0.28	45.6	2.8	Domestic	Irrigation purpose		
3	1782	Puligadda aqueduct near Avanigadda (V)	Krishna / Vijayawada	NWMP	Monthly	15.06.2019	04.00 P.M.	Clear	>1 mtr.	Cattle washing, cloth washing, boathing	Medium	None	None	-	31	5.2	7.98	38100	2.4	0.76	----	4	>1600	----	----	1.90	----	156	11200	16	BDL	0.32	6100	1800	4300	2430	5800	24000	23966	12	0.04	0.54	24	0.82	66.1	32.1	Domestic	Irrigation purpose		
4	1787	River Krishna at Amaravathi	Krishna / Vijayawada	NWMP	Monthly	10.06.2019	08.50 A.M.	Clear	>1 mtr.	None	----	None	None	-	23	7.3	7.86	708	1.4	0.98	----	<2	800	----	----	0.50	----	154	98	<10	BDL	0.52	220	94	126	106	70	452	444	4	0.18	0.12	5.04	0.82	40	2	Domestic and agriculture	Irrigation purpose		
5	1786	Downstream of Krishna river at Vedadri	Krishna / Vijayawada	NWMP	Monthly	28.06.2019	04.00 P.M.	Clear	Approx >1 mts	Bathing, cloth washing, boathing ect	----	Clear	None	-	27	7.1	7.88	710	1.6	0.59	----	<2	800	----	----	0.36	----	170	102	<10	BDL	0.07	180	50	130	74	80	440	432	6	0.04	0.12	4.5	0.96	48.1	2.6	Industrial	Other		
6	1790	2nd Causeway, Pulicot lake	Nellore / Nellore	NWMP	Monthly	10.06.2019	11.00 A.M.	Clear	2-3ft	Fishing	----	Colorless	Odourless	-	20	5.2	8.09	40200	3.2	0.66	----	4	>1600	----	----	1.93	----	186	11400	20	BDL	0.18	5600	2200	3400	3025	6500	26000	25962	12	0.08	0.26	264	0.93	70.2	37.6	Industrial	-		
7	3051	Budameru canal near BDG at NH-5, Keesarapalli	Krishna / Vijayawada	NWMP	Monthly	26.06.2019	11.45 AM	Clear	Approx >1 mts	Fishing and Cloth Washing.	----	Clear	None	-	26	5.6	7.02	1857	8.4	2.21	----	4	>1600	----	----	2.08	----	520	228	48	BDL	4.50	380	196	184	121	178	1190	1180	10	2.92	0.62	58	1.26	45.9	4	-	Other		
8	3052	Guntatippa drain B/C with Ryves canal at Ramavarapadu, Vijayawada	Krishna / Vijayawada	NWMP	Monthly	26.06.2019	11.00 AM	Clear	Approx >1 mts	----	----	Clear	None	-	26	5.2	6.96	1988	10.8	2.20	----	4	>1600	----	----	0.86	----	580	240	64	BDL	5.13	386	190	196	92	192	1290	1278	16	2.82	2.14	62	1.10	47.1	4.2	Agricultural	Other		
9	1178	Downstream of Paleru river at Jaggaiahpet	Krishna/ Vijayawada	NWMP	Monthly	10.06.2019	10.00 A.M.	Clear	Approx >1 mts	Others	----	Clear	None	-	27	7.1	7.63	867	1.8	1.12	----	2	800	----	----	0.80	----	184	110	<10	BDL	0.20	210	118	92	76	82	546	536	6	0.24	0.3	6.8	0.52	44.7	2.5	Industrial	----		
10	4385	Sea Water, Bay of Bengal. Kothapatnam Beach, Prakasam District,	Prakasam/ Ongole	NWMP	Monthly	06.06.2019	04.00 P.M.	Clear	>1 mtr.	Fishing & Salt Manufactu ring	----	Colorless	Odourless	-	25	5.5	8.08	50400	2.6	0.49	----	4	>1600	----	----	----	----	----	----	----	----	----	----	----	----	----	3368	32700	----	----	----	0.04	----	----	----	----	----	Other	----	
11	4387	Krishnapatnam Port	Nellore/ Nellore	NWMP	Monthly	06.06.2019	12.00 A.M.	Clear	>10 mtr.	Fishing	----	Colorless	Odourless	-	20	5.4	7.77	51600	2.3	0.68	----	4	>1600	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3568	----	33500	----	----	0.07	----	----	----	----	----	Industrial / Other	Cultivation
12	4383	Sea Water Bay of Bengal Fishing Harbor, Nizampatnam	Guntur/ Guntur	NWMP	Monthly	10.06.2019	09.40 A.M.	Clear	>100 mtr.	Fishing	----	Clear	None	-	22	5.4	7.57	50100	3	1.23	----	4	>1600	----	----	----	----	----	----	----	----	----	----	----	----	----	19200	----	32400	----	----	0.07	----	----	----	----	----	Other	Cultivation	
13	4384	Infront of M/s Bhageeratha Chemicals & Industries Ltd., Chervukommupalem (V), Ongole (M), Prakasam District	Prakasam/ Ongole	NWMP	Monthly	06.06.2019	12.30 P.M.	Clear	About 500 ft	----	----	Colorless	Odorless	-	24	4.2	8.22	6320	1.0	5.49	----	<2	280	----	----	0.23	----	286	1465	12	BDL	0.04	1940	440	1500	865	608	3980	3970	4	0.08	0.04	23.0	1.12	39.9	6.0	Agricultural	Cultivation with sea.		
14	4386	Sea Water Bay of Bengal, Vadarevu Beach, Chirala, Prakasam District	Prakasam/ Ongole	NWMP	Monthly	06.06.2019	08.00 A.M.	Clear	Marine	Fishing	----	Colorless	Odorless	-	23	5.7	7.75	50700	3.4	0.48	----	4	>1600	----	----	----	----	----	----	----	----	----	----	----	----	----	----	3552	----	32500	----	----	0.08	----	----	----	----	----	Agricultural	Domestic
15	4376	Borewell Water, APIIC Office, IDA, Kondapalli	Krishna/ Vijayawada	NWMP	Monthly	18.06.2019	01.45 P.M.	Clear	<1 Meter	Bathing, Cloth washing etc.	Water hyainth	None	None	-	29	4.2	7.62	2990	1.2	3.22	----	<2	400	----	----	0.17	----	608	532	<10	BDL	BDL	690	160	530	260	382	1880	1872	6	0.03	0.43	3.0	1.45	54.2	6.3	Agricultural	Other		
16	4375	Pavitra Sangamam at Ibrahimpatnam	Krishna/ Vijayawada	NWMP	Monthly	18.06.2019	12.45 P.M.	Clear	<1 Meter	Bathing, Cloth washing etc.	Water hyainth	None	None	-	30	7.3	8.10	664	0.8	0.75	----	<2	800	----	----	0.52	----	154	96	<10	BDL	0.06	224	92	132	74	54	402	394	4	0.04	0.18	5.3	1.08	33.5	1.6	Agricultural	confluence with sea		
17	4377	Borewell at Imitation Jewelry Park, Potheppalli	Krishna/ Vijayawada	NWMP	Monthly	24.06.2019	11.00 A.M.	Clear	<1 Meter	Bathing, Cloth washing etc.	Water hyainth	Colorless	None	-	26	3.9	7.98	5590	0.8	4.02	----	<2	800	----	----	0.39	----	696	1320	12	BDL	BDL	410	130	280	334	1080	3520	3510	4	0.90	0.42	32.0	1.09	83.8	23.1	Agricultural	confluence with Yenamaduru drain		
18	4380	Borewell water of Sri Venkateswara Swamy Temple, Venkatapalem (V), Thulluru (M), Guntur District.	Guntur/ Guntur	NWMP	Half Yearly	27.06.2019	12.30 P.M.	Clear	----	----	----	Clear	None	-	22	4.5	7.52	782	0.8	4.97	----	<2	220	----	----	0.21	----	260	78	<10	BDL	BDL	323	152	192	68	45	470	462	4	0.08	0.16	4.4	0.54	22.8	1.1	Agricultural	Water used for irrigation & Fish /Prawn Ponds		
19	4378	Sea Water Bay of Bengal Manginapudi Beach, Machilipatnam	Krishna / Vijayawada	NWMP	Monthly	24.06.2019	11.45 A.M.	Clear	<1 mtr	Bathing, Cloth washing etc.	Water hyainth	Colorless	None	-	28	5.2	7.68	50500	3	2.06	----	4	>1600	----	----	----	----	----	----	----	----	----	----	----	----	2800	-	32480	-	-	0.06	-	-	-	-	-	-	Agricultural	Water used for irrigation & Fish /Prawn Ponds	
20	4379	Upputeru before confluence with sea at Chinnagollapalem	Krishna / Vijayawada	NWMP	Monthly	29.06.2019	10.00 A.M.	Clear	<1 mtr	Bathing, Cloth washing etc.	Water hyainth	Clear	None	-	28	5.8	7.80	28800	3.4	1.28	----	4	>1600	----	----	----	----	----	----	----	----	----	----	----	----	----	1732	-	18500	-	-	0.57	-	-	-	-	-	-	Industrial / Agriculture	Water used for irrigation & Fish /Prawn Ponds
21	4381	River Krishna after confluence with River Musi at Vadapalli (V), Guntur District	Guntur/ Guntur	NWMP	Monthly	27.06.2019	08.30 A.M.	Clear	-	-	-	Clear	None	-	22	4.6	7.85	728	1.0	0.92	----	<2	210	----	----	0.58	----	170	105	<10	BDL	BDL	216	92	124	65	75	440	432	4	0.08	0.04	7.27	0.74	38.4	1.9	Industrial / Agriculture	Water used for irrigation & Fish /Prawn Ponds		
22	1177	Downstream of Munneru river at Keesara	Krishna/ Vijayawada	NWMP	Monthly	No flow, sample not collected																																												
23	4370	Krishna canal of Krishna District entering into Eluru Town	West Godavari/ Eluru	NWMP	Monthly	No flow, sample not collected																																												

54	4365	River Vasista Godavari U/s of Narasapuram Town, Before confluence of Town Sewage	West Godavari / Eluru	NWMP	Monthly	13.06.2019	02.30 PM	Clear	100 cms	Cloth washings	None	Clear	Light Sewage	-	25	5.2	7.39	24933	5.5	0.53	0.76	-	-	-	-	0.12	0.0	140	7436	112	0.28	0.03	2440	420	2020	731.2	4347	15708	15520	56	0.04	0.02	118.54	1.43	78.50	38.30	Domestic, Agriculture & others	Confluence with ses
55	4366	River Vasista Godavari D/s of Narasapuram Town, After confluence of Town Sewage	West Godavari / Eluru	NWMP	Monthly	13.06.2019	08.30 PM	Clear	100 cms	Cloth washings	None	Clear	Light Sewage	-	25	5.2	7.60	41126	4.3	0.59	0.38	-	-	-	-	0.15	0.0	100	13307	140	0.14	0.02	3980	628	3352	1023.8	6752	26732	26560	106	0.03	0.04	292.9	1.61	77.20	46.58	Domestic, Agriculture & others	Confluence with ses
56	4367	River Godavari, Koundinya Mukthi (V), Kukunur (M), Border point between Andhra Pradesh & Telangana	West Godavari / Eluru	NWMP	Monthly	No flow, sample not collected																																										
57	4369	Colling water blow downs from Andhra Sugars Ltd., Kovvur, Before joining River Godavari	West Godavari / Eluru	NWMP	Monthly	13.06.2019	10.30 AM	Clear	100 cms	Cloth washings	None	Clear	Light Sewage	-	25	6.0	7.44	500	14	3.28	0.02	-	-	-	-	0.18	0.0	100	83	140	0.28	0.02	72	40	32	12.41	42.97	304	286	5	0.064	0.021	2.76	1.65	40.16	1.60	Domestic, Agriculture & others	Irrigation & Fish ponds
58	4372	Gosthani River sample before confluence with M/s Delta Paper Mill effluents, Vendra (V), Palakoderu (M)	West Godavari / Eluru	NWMP	Monthly	13.06.2019	04.30 PM	Clear	100 cms	Cloth washings	None	Clear	Light Sewage	-	25	0.0	7.05	4714	8	5.69	3.05	-	-	-	-	39.65	0.0	240	1199	56	0.56	0.02	920	340	580	252.05	630.8	3064	3042	30	0.17	0.03	25.81	1.01	58.94	9.05	Domestic, Agriculture & others	Irrigation & Fish ponds
59	4373	Gosthani River sample after confluence with M/s Delta Paper Mill effluents, Vendra (V), Palakoderu (M) but before confluence with Yanamadurru drain	West Godavari / Eluru	NWMP	Monthly	13.06.2019	05.30 PM	Clear	100 cms	Cloth washings	None	Clear	Light Sewage	-	25	0.0	7.08	3170	12	4.29	2.9	-	-	-	-	38.25	0.0	120	827	60	4.48	0.90	760	416	344	172.35	362.1	1996	1950	71	0.26	0.04	21.18	0.25	50.05	5.72	Domestic, Agriculture & others	Irrigation & Fish ponds
60	4374	Gostha Nadi-Velpuru Canal at Hanuman Temple D/s of Tanuku Town, Attili (M)	West Godavari / Eluru	NWMP	Monthly	13.06.2019	11.30 AM	Clear	100 cms	Cloth washings	None	Clear	Light Sewage	-	25	4.5	7.47	327	1.2	0.54	0.01	-	-	-	-	0.94	0.0	104	44	4	0.14	0.03	124	72	52	4.54	19.23	206	194	7	0.08	0.02	1.97	0.34	24.88	0.75	Domestic, Agriculture & others	Drinking & Washing
61	30	River Pennar at Siddavatam, YSR District	River dried										River dried										River dried										River dried															
62	1174	River Thungabhadra at Bhavapuram	Kurnool / Kurnool	NWMP		15.06.2019	8:00 AM	Clear	< 50 cm	Others	None	Clear	None		25	5.4	7.20	1314	2.6	1.6	0.05	100	500	---	---	9.0		260	202	28	1.3	1.1	276	120	156	180	221	920	736	31	0.03	1.5	3	0.9	63.2	5.6	Domestic	Irrigation
63	1175	River Krishna at Sangameswaram	Kurnool / Kurnool	NWMP		12.06.2019	09.30 AM	Clear	> 100 cm	Others	None	Clear	None		27	6.2	7.4	804	2.5	1.5	0.02	100	500	---	---	6.7		188	95	20	0.6	0.5	246	144	102	108	86	506	435	30	0.03	0.9	3.2	0.4	42.7	2.4	Nil	Irrigation
64	1255	River Pennar at Unganoor	River dried																																													
65	1256	River Pennar at Pushpagiri	River dried																																													
66	1785	River Thungabhadra at Manthralayam	River dried																																													
67	2350	River Hundri near Laxmipuram village	River dried																																													
68	2351	River Kundu at Nandyal	Kurnool/ Kurnool	NWMP	Monthly	13.06.2019	8:30 AM	Clear	< 50 cm	Others	None	Clear	None		25	5.2	7.1	1673	2.6	1.6	0.04	100	700	---	---	1.2		286	166	26	1.1	0.8	242	127	115	74	160	702	620	20	0.4	1.5	7.4	1.0	58	4.5	Town sewage	Irrigation
69	3083	River Krishna D/s. of Srishailam (Pathalaganga)	Kurnool/ Kurnool	NWMP	Monthly	13.06.2019	8:00 AM	Clear	> 100 cm	Bathing ghat	a Mater	Clear	None		24	6.0	7.3	437	1.2	1	0.02	100	600	---	---	1.0		119	44	12	0.8	0.6	107	62	46	32	51	249	202	18	0.02	0.8	2.0	0.5	50	2.1	Domestic	Irrigation
70	4389	River Tungabhadra(D/S) at Padidempadu (V), Kurnool (M), Kurnool district.	Kurnool/ Kurnool	NWMP	Monthly	10.06.2019	9:20 AM	Clear	50 - 100 cm	Others	None	Clear	None		25	4.8	7.2	1240	2.8	1.6	0.04	100	500	---	---	5.3		311	220	24	1.4	1.1	242	94	148	168	246	960	880	32	0.4	1.7	16.0	1.2	66.9	6.9	Domestic	Irrigation
71	4388	River Tungabhadra (U/S) near Sivalayam Temple at Gondiparla (V), Kurnool	Kurnool/ Kurnool	NWMP	Monthly	15.06.2019	9:40 AM	Clear	50 - 100 cm	Others	None	Clear	None		25	4.8	7.3	1275	2.8	1.4	0.05	100	500	---	---	4.3		311	258	24	1.1	0.8	320	185	135	180	240	1020	912	19	0.02	1.9	18.0	1	60.4	5.8	Domestic	Irrigation
72	4390	Papavinsanam Reservoir, Tirumala, Chittoor district.	Chittoor/ Tirupathi	NWMP	Monthly	12.06.2019	11:00 AM	Cloudy	> 100 cm	Others	None	Clear	None		29	6.4	7.9	50	0.5	0.2	0.02	Nil	100	---	---	2.3		20	10	4	BDL	BDL	16	8	8	2	10	42	34	2	0.02	0.2	0.5	0.2	56.6	1.1		Domestic
73	4391	Chengambakam tank, Sricity SEZ, Chittoor district.	Chittoor/ Tirupathi	NWMP	Monthly	12.06.2019	10:00 AM	Clear	> 100 cm	Others	None	Clear	None		31	3.4	7.3	1075	20.0	4.3	0.1	100	600	---	---	8.0		204	109	76	1.4	0.9	164	115	49	78	125	487	420	53	0.02	1.8	8.3	0.3	60.9	4.2		Irrigation
74	4393	Closed MSW dunpsite atUkkayapalli, kadapa	Kadapa/ Kadapa	NWMP	Monthly	24.06.2019	02.40 PM	Clear	> 100 cm	Others	None	Clear	None		26	3.6	7.4	3230	2.6	3.5	0.1	Nil	Nil	---	---	0.5		484	449	17	BDL	BDL	333	103	230	215	472	1700	1530	10	BDL	0.2	1.5	2.4	75	11.2		Domestic
75	4368	Kolleru at Kokkiryalanka	Sample not collected																																													