A.P. POLLUTION CONTROL BOARD

NWMP DATA FOR THE MONTH OF MAY - 2016

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. (OC)	DO (mg/L)	pH	Conductivity uS/cm)	BOD (mg/L)	Nitrate-N (mg/L)	Nitrite-N (mg/L)	Fecal Coliform	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	River Krishna at Prakasham barriage, Vijayawada	Krishna / Vijayawada	NWMP	Monthly	16.05.2016	04.00 PM	Clear	>1 mtr.	Bathing, cloth washing	None	None	None	-	26	7.1	7.34	560	0.6	0.57	BDL	<2	800	---	---	1	BDL	45	90	4	---	BDL	170	70	100	52	20	310	303	4	BDL	BDL	2	0.29	20.15	0.67	Domestic	Irrigation purpose
2	1177	Munneru before confluence with river Krishna at keesara	Krishna / Vijayawada	NWMP	Monthly	No flow Sample not collected																																									
3	1178	River Paleru at Jaggaiahpet (before confluence with Krishna)	Krishna / Vijayawada	NWMP	Monthly	No flow Sample not collected																																									
4	1257	River Pennar after confluence with Cheyyeru at Somasila	Nellore / Nellore	NWMP	Monthly	02.05.2016	09.30 AM	Clear	2-3 ft	None	None	Colourless	Odourless	-	28	6.5	7.59	610	0.5	0.45	BDL	<2	800	---	---	0.76	BDL	45	80	6	---	BDL	150	60	90	70	30	335	325	4	BDL	BDL	2	BDL	29.98	1.07	Domestic and agriculture	Domestic and Agriculture.
5	1782	Puligadda aqueduct near Avanigadda (V)	Krishna / Vijayawada	NWMP	Monthly	24.05.2016	04.00 PM	Clear	>1 mtr.	Cattle wading, cloth	-	Turbid	None	Medium	26	5.1	7.77	19600	1.2	1.26	BDL	<2	1300	---	---	0.79	BDL	120	4800	10	---	BDL	2380	1100	1280	325	2100	10970	10750	10	BDL	0.32	460	1.95	60.6	18.7	Others	Fishing
6	1786	River Krishna at Vedadri	Krishna / Vijayawada	NWMP	Monthly	16.05.2016	10.30 AM	Clear	>1 mtr.	Bathing, cloth washing	None	Clear	None	-	25	5.8	7.32	2260	0.7	3.67	BDL	<2	1100	---	---	0.97	BDL	80	275	12	---	BDL	350	140	210	70	60	1470	1440	7	1.62	0.48	3	0.78	26.97	1.4	Others	Cultivation
7	1787	River Krishna at Amaravathi	Guntur / Guntur	NWMP	Monthly	09.05.2016	11.45 AM	Cloudy	>50-100 cm	Others	None	None	None	-	---	6.8	7.97	720	0.5	0.52	BDL	<2	800	---	---	1.56	BDL	60	110	4	---	BDL	210	90	120	96	35	420	396	4	BDL	0.22	2	0.56	26.39	1.05	Industrial and agriculture	-
8	1790	Pulicat lake	Nellore / Nellore	NWMP	Monthly	03.05.2016	10.00 AM	Clear	2-3 ft	Fishing	None	Colourless	Odourless	-	29	5.3	6.91	31600	1.6	1.27	BDL	2	1700	---	---	0.92	BDL	280	10200	10	---	BDL	8320	3600	4720	522	2100	17380	17030	10	BDL	0.75	600	1.04	33.48	10	Industrial	Fishing
9	3051	Budameru Canal near bridge at NH-5, Keesarapally.	Krishna/ Vijayawada	NWMP	Monthly	09.05.2016	5.00 PM	Clear	>1 mt	Fishing and Cloth Washing	-	Clear	None	-	24	4.2	7.26	1360	2.8	20	BDL	2	2600	---	---	1.77	BDL	110	280	32	---	BDL	360	170	190	80	40	750	735	10	3.56	0.58	4	0.42	19.26	0.92	Others	Natural Drain.
10	3052	Guntathippa drain before Confluence with Ryves canal atRamavarappadu.	Krishna/ Vijayawada	NWMP	Monthly	09.05.2016	05.30 AM	Clear	>1 mt	-	-	Clear	None	-	24	4.1	7.27	1530	1.8	27.5	BDL	4	2600	---	---	2	BDL	120	270	36	---	BDL	410	190	220	97	40	850	835	10	3.1	0.32	3	0.36	17.39	0.86	Others	Cultivation.
11	3079	D/s of River krishna after Confluence with treated Sewage dischsrging from 10 MLD STP locatedat	Krishna/ Vijayawada	NWMP	Monthly	Sample not collected																																								
12	30	River Pennar at Siddavatam (Siddavatam	Kadapa / Nellore	NWMP	Monthly	05.05.2016	04.05 PM	Clear	>200 cms	-	None	Clear	None	-	32	3.9	8	1263	1	0.9	---	NIL	18	---	---	---	---	296	184	13	BDL	BDL	320	200	120	122	140	899	702	<5	BDL	BDL	2	0.7	49	3.4	Nil	Irrigation
13	1174	River Thungabhadra at Bhavapuram	Kurnool / Kurnool	NWMP	Monthly	10.05.2016	08.00 AM	Clear	<200 cms	-	None	Clear	None	-	27	5.4	7.9	1452	3.2	1.1	---	25	570	---	---	---	---	208	182	26	BDL	BDL	204	100	104	278	240	980	766	11	BDL	BDL	3	0.6	72	7.3	Nil	Irrigation
14	1175	River Krishna at Srishailam (Krishna after confluence with Thungabhadra at Sangameswaram)	Kurnool / Kurnool	NWMP	Monthly	09.05.2016	7.30 AM	Clear	<10 meters	Bathing Ghat	and puja	-	Nil	-	24	5.6	8	901	3	1.2	---	26	580	---	---	---	---	180	112	22	BDL	BDL	164	88	76	136	128	621	486	7	BDL	BDL	2	0.6	63	4.3	Nil	Irrigation
15	1255	River Pennar at Unganoor	Ananthapur / Kurnool	NWMP	Monthly	09.05.2016	10.00 AM	Clear	>100 cms	Nil	Nil	Clear	None	-	27	4.7	8.1	1071	1	1.1	---	NIL	20	---	---	---	---	212	160	11	BDL	BDL	208	108	100	129	146	763	569	<5	BDL	BDL	2	0.6	60	4.4	Nil	Drinking and Irrigation Purposes
16	1256	River Pennar at Pushpagiri ,YSR Kadapa District	Kadapa / Tirupathi	NWMP	Monthly	05.05.2016	11.30 AM	Clear	<50cms	Nil	-	Clear	Nil	-	31	3.8	7.7	1403	1	1.8	---	NIL	18	---	---	---	---	360	190	13	BDL	BDL	320	188	132	131	172	986	761	<5	BDL	BDL	3	0.6	54	4.2	Nil	Irrigation
17	1785	River Thungabhadra at Manthralayam	Kurnool / Kurnool	NWMP	Monthly	07.05.2016	08.15 AM	Clear	<200 cms	Nil	Nil	Clear	None	-	23	5.6	8	1369	3	1.2	---	22	560	---	---	---	---	240	210	24	BDL	BDL	208	108	100	179	215	903	706	9	BDL	BDL	2	0.6	69	6.5	Nil	Irrigation
18	2350	River Hundri near Laxmipuram village Lakshmipuram	Kurnool	NWMP	Monthly	10.05.2016	09.45 AM	Clear	>5 meters	Nil	Nil	Nil	None	-	28	2.1	7.7	2440	1	2.8	---	NIL	18	---	---	---	---	460	322	13	BDL	BDL	180	88	92	370	475	1683	1584	<5	BDL	BDL	3	0.9	85	15.4	Nil	Irrigation
19	2351	River Kundu at Nandyal	Kurnool	NWMP	Monthly	08.05.2016	07.10 AM	Clear	<200cms	Nil	Nil	Clear	None	-	22	3.9	7.9	1126	3.2	1.9	---	30	610	---	---	---	---	208	148	24	BDL	BDL	160	92	68	171	186	743	581	13	BDL	BDL	3	0.5	71	6.4	Town sewage	Irrigation
20	3083	D/s. of Srishailam	Kurnool	NWMP	Monthly	09.05.2016	09.00 AM	Clear	>100 cms	Bathing Ghat	flowers and puja	Nil	None	-	28	5.4	8.1	936	3.2	1.2	---	26	570	---	---	---	---	204	110	25	BDL	BDL	196	108	88	139	124	649	503	8	0.1	BDL	2	0.6	58	3.8	Bathing Activities and Pooja	Irrigation
21	14	River Godavari at Polavaram	West Godavari / Eluru	NWMP	Monthly	09.05.2016	11.00 AM	Clear	50-100 cms	None	None	Clear	None	-	25	6.4	7.8	150	2.8	0.62	0.2	28	>2400	---	---	2	NIL	70	8	12	0.11	BDL	60	40	20	4	10	102	91	6	0.47	BDL	2	0.47	25.65	0.56	None	Drinking, washing, etc.
22	1218	U/s of River Godavari at Rajahmundry (Kumaradevam)	West Godavari / Eluru	NWMP	Monthly	09.05.2016	12.30 PM	Clear	50-100 cms	Cloth washings	None	Clear	None	-	26	6.4	7.9	179	2.4	0.56	0.2	28	>2400	---	---	2.9	NIL	80	12	16	0.14	BDL	70	40	30	5	10	120	110	5	0.27	BDL	2	0.4	22.8	0.51	None	Drinking, washing, etc.
23	1219	D/s of River Godavari at Rajahmundry (Dhavaleswaram)	East Godavari / Kakinada	NWMP	Monthly	10.05.2016	08.45 AM	Clear	50-100 cms	Cattle wading	Moderate	Brown	None	Moderate	25	6.2	7.4	233	2	0.54	0.2	11	240	---	---	2.5	NIL	85	18	12	0.18	BDL	100	50	50	4	10	142	133	9	0.44	BDL	2	0.48	17.6	0.44	Industrial, domestic	Drinking, washing, irrigation, etc.
24	1448	River Nagavali at Thotapally Regulatory	Vizianagaram / Vizianagaram	NWMP	Monthly	20.05.2016	02.15 PM	Cloudy	50-100	Others	None	Turbid	None	-	28	6	7.4	564	3	0.83	0.1	23	460	---	---	5.8	NIL	180	102	16	0.32	BDL	240	130	110	19	36	360	348	10	0.35	BDL	3	0.26	24.56	1.02	Industrial	Agriculture purposes
25	2352	River Vamsadhara at Kalingapatnam	Vizianagaram	NWMP	Monthly	06.05.2016	08.00 AM	cloudy	50-100 cms	Others	None	Clear	None	-	25	5.7	7.3	298	2	0.24	0	20	1100	---	---	2.3	NIL	130	19	20	0.38	BDL	150	80	70	10	13	188	176	6	0.19	BDL	2	0.53	15.66	0.46	Industrial	Agriculture purposes
26	2353	Kondakarla-Ava Lake, Kondakarla	Visakhapatnam	NWMP	Monthly	10.05.2016	12.15 PM	Clear	>100 cms	Others	None	Clear	None	-	28	5.6	7.6	980	3	2.21	0.7	28	>2400	---	---	5.8	NIL	200	151	24	0.48	BDL	260	160	100	13	64	467	455	22	0.83	0.21	6	0.79	34.35	1.73	Domestic	Washing purposes
27	2354	Samarla kota canal	Kakinada	NWMP	Monthly	**No flow Sample not collected**																																								
28	2355	Tulje bagh canal, Tekri drain	Kakinada	NWMP	Monthly	10.05.2016	04.45 PM	Clear	50-100 cms	None	Moderat	Clear	None	Moderate	29	6.4	7	31700	3.8	2.2	0.1	11	120	---	---	6.4	NIL	340	1144	24	0.41	BDL	2700	940	1760	950	380	18486	18448	11	0.42	BDL	62	0.81	22.96	3.18	Industrial and domestic purposes	Washing purposes
29	2370	River Godavari at Rajahmundry U/s of Nalla channel	East Godavari / Kakinada	NWMP	Monthly	10.05.2016	07.20 AM	Clear	50-100 cms	Cattle wading	None	Clear	None	-	28	6	7.7	238	3.4	0.96	0.1	9	210	---	---	2.3	NIL	110	18	16	0.21	BDL	110	50	60	5	10	152	133	8	0.36	BDL	2	0.32	16.5	0.42	Industrial and domestic	Irrigation, drinking, and other purpose
30	2371	River Godavari at Rajahmundry D/s of Nalla channel	East Godavari / Kakinada	NWMP	Monthly	10.05.2016	07.45 AM	Clear	50-100 cms	Cattle wading	None	Brown	None	Moderate	27	6.1	7.5	243	3	1.21	0.1	11	240	---	---	3.8	BDL	90	20	20	0.18	BDL	100	60	40	6	9	148	138	16	0.18	BDL	2	0.48	17.4	0.39	Industrial and domestic	Irrigation, drinking, and other purpose
31	3053	Tulia bagh drain at Vemulavada	East Godavari	NWMP	Monthly	10.05.2016	05.20 PM	Clear	50-100 cms	Others	None	Clear	None	-	28	6.2	7.5	16230	4.5	0.76	0.1	9	150	---	---	3.1	NIL	220	1080	24	0.34	BDL	1880	1170	710	345	330	9418	9390	33	0.38	BDL	48	0.98	26.9	3.3	Industrial	Agricultural purposes
32	3067	Outlet of STP on river Godavari at Rajahmundry	East Godavari	NWMP	Monthly	10.05.2016	08.15 AM	Clear	>100cm	Others	None	Turbid	None	-	29	6.1	7.4	197	3.2	0.41	0	15	460	---	---	2.1	NIL	90	8	12	0.14	0.09	90	60	30	5	8	122	112	16	0.42	BDL	2	0.34	15.5	0.37	Industrial and domestic	Agricultural purposes
33	20004	Inlet of STP at Rajahmundry	East Godavari	NRCP	Monthly	10.05.2016										7.8			74											244									121								None	Washing
34	20004	Outlet of STP at Rajahmundry	East Godavari	NRCP	Monthly	10.05.2016										7.2			29											124									34								None	Washing