A.P. POLLUTION CONTROL BOARD

NWMP DATA FOR THE MONTH OF OCTOBER - 2015

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 (mS/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	River Krishna at Prakasham barriage, Vijayawada	Krishna / Vijayawada	NWMP	Monthly	05-10-2015	05.30 PM	Clear	>1 mtr.	Bathing, cloth washing	None	Clear	None	---	23	6.8	7.85	565	0.5	0.65	BDL	<2	600	5.4	0.64	10	BDL	68	90	4	---	BDL	160	70	90	28	30	370	364	5	BDL	BDL	4	0.93	28.35	1.03	Domestic	Irrigation Purpose.
2	1177	Munneru before confluence with river Krishna at Nandigama	Krishna / Vijayawada	NWMP	Monthly	05-10-2015	03.30 PM	Clear	>1 mtr.	Bathing, cloth washing	None	Clear	None	---	25	4.2	7.36	1022	1.2	1.44	BDL	<2	800	6.2	0.66	10	BDL	60	150	8	---	BDL	280	160	120	88	45	665	652	10	0.09	BDL	8	1.18	25.24	1.17	Others	
3	1178	River Paleru at Jaggaiahpet (before confluence with Krishna)	Krishna / Vijayawada	NWMP	Monthly	05-10-2015	11.30 AM	Clear	>1 mtr.	Others	None	Clear	None	---	24	5.2	7.8	1241	1.8	2.05	BDL	<2	800	6.2	0.64	8	BDL	88	120	12	---	BDL	180	70	110	55	45	810	795	10	0.16	0.42	5	0.93	34.46	1.46	Industrial	Drinking Water Source to irrigation
4	1257	River Pennar after confluence with Cheyyeru at Somasila	Nellore / Nellore	NWMP	Monthly	05-10-2015	10.30 AM	Clear	2-3 Ft.,	-	None	Colour less	Odourless	---	29	2.4	7.81	838	1.2	0.86	BDL	<2	800	---	---	5	BDL	52	92	8	---	BDL	164	52	112	77	30	540	530	8	0.05	BDL	4	0.46	27.86	1.02	Domestic and agriculture	Domestic and Agricultural purposes
5	1782	River Krishna at Hamsaladeevi	Krishna / Vijayawada	NWMP	Monthly	27-10-2015	03.30 PM	Clear	>1 mtr.	Cattle wading, cloth washing	None	Turbid	None	---	23	6.1	7.71	7480	2.2	BDL	BDL	<2	2100	5.4	0.66	7	BDL	48	1560	12	---	BDL	780	300	480	185	600	4860	4810	30	BDL	0.52	200	0.83	55.77	9.35	Others	Fishing
6	1786	River Krishna at Vedadri	Krishna / Vijayawada	NWMP	Monthly	05-10-2015	10.00 AM	Clear	>1 mtr.	Bathing, cloth washing, bathing	None	Clear	None	---	24	5.5	7.72	823	2	0.92	BDL	<2	800	6.2	0.66	6	BDL	40	110	12	---	BDL	216	90	126	95	40	535	524	5	BDL	BDL	4	0.67	28.26	1.18	Others	Cultivation
7	1787	River Krishna at Amaravathi	Guntur / Guntur	NWMP	Monthly	08-10-2015	02.30 PM	Cloudy	>50-100 cms.,	Others	None	Clear	None	---	28	7.2	8.08	562	1	0.65	BDL	<2	800	---	---	8	BDL	110	65	8	---	BDL	150	70	80	60	32	365	361	10	BDL	0.48	4	0.64	31	1.14	Industiial & Agriculture.	-
8	1790	Pulicat lake	Nellore / Nellore	NWMP	Monthly	07-10-2015	09.30 PM	Clear	2-3 Ft.,	Fishing	None	Clear	Odourless	---	28	6.8	7.64	38600	1.8	1.28	BDL	<2	1200	---	---	6	BDL	180	11000	12	---	BDL	6420	3460	2960	880	4000	24960	24900	40	BDL	BDL	400	1.6	55.69	21.73	Industrial	Fishing
9	3087	Borewell near village Secretariat,Pathapadu	Krishna / Vijayawada	NWMP	Half Yearly	27-10-2015	11.00 AM	Clear	>10 mt.,(approx)	others	None	Clear	None	---	25	3.4	7.67	1858	0.6	8.5	BDL	2	400	---	---	Nil	---	120	245	4	---	BDL	396	180	216	82	70	1210	1197	---	BDL	0.12	5	0.86	27.48	1.53	other	Cultivation
10	26	Borewell at Kanuru,Vijayawada	Krishna / Vijayawada	NWMP	Half Yearly	31-10-2015	11.30 AM	Clear	>10 mt.,(approx)	Gardening	--	Clear	None	---	22	4.8	7.74	1636	BDL	4.24	BDL	2	400	---	---	Nil	---	64	210	BDL	---	BDL	340	160	180	88	60	1065	1055	---	BDL	1.25	4	BDL	27.46	1.42	other	Cultivation
11	1514	Bore Well at Autonagar,Vijayawada	Krishna / Vijayawada	NWMP	Half Yearly	31-10-2015	11.45 AM	Clear	>10 mt.,(approx)	others	--	Clear	None	---	23	4.8	7.4	2300	BDL	0.33	BDL	2	400	---	---	Nil	---	80	260	BDL	---	BDL	510	180	330	170	70	1495	1480	8	BDL	1.86	4	0.64	22.83	1.35	other	Cultivation
12	1513	Bore Well at Autonagar,Vijayawada(in the R/o of Mr Satyanarayana plot No.79 H No.74-1	Krishna / Vijayawada	NWMP	Half Yearly	31-10-2015	12.15 PM	Clear	>10 mt.,(approx)	others	--	Clear	None	---	23	5.4	7.39	2043	BDL	2.44	BDL	<2	400	---	---	Nil	---	160	245	BDL	---	BDL	450	170	280	170	120	1330	1316	---	0.38	0.45	4	0.28	36.47	2.46	Domestic	Irrigation Purpose.
13	1516	Borewell Navalok Gardens, Nellore	Nellore / Nellore	NWMP	Half Yearly	27-10-2015	09.30 AM	Clear	---	---	---	Clear	None	---	20	5.3	8.04	1146	BDL	0.71	BDL	<2	600	--	---	NIL	---	56	130	BDL	BDL	BDL	188	78	110	52	35	745	737	BDL	BDL	1.42	3	0.87	28.43	1.11	Industrial & Domestic	Domestic
14	3051	Budameru canal near bridge at NH-5, Keesarapally	Krishna	NWMP	Monthly	27-10-2015	09.00 AM	Clear	>1 mtr.	Fishing and cloth washing	None	Clear	None	---	24	5.2	7.98	1190	5.4	1.85	BDL	4	2100	---	---	6	BDL	110	90	24	---	BDL	160	70	90	34	35	775	767	20	0.88	0.42	4	0.28	31.58	1.2	Others	Natural Drain.
15	3052	Guntathippa drain before confluence with Ryves canal at Ramavarappadu	Krishna	NWMP	Monthly	27-10-2015	08.00 AM	Clear	>1 mtr.	None	None	Clear	None	---	25	3.8	7.17	2014	9.6	2.76	BDL	4	2400	---	---	10	BDL	136	320	32	---	BDL	400	210	190	90	120	1310	1296	10	1.34	0.52	8	0.9	38.92	2.61	Others	Cultivation
16	3079	D/s of River Krishna after confluence with treated sewage discharging from 10MLD STP located at	Krishna	NWMP	Monthly	No flow, sample not collected-																																									
17	30	River Pennar at Siddavatam	Nellore / Nellore	NWMP	Monthly	08-10-2015	12.30 AM	Clear	50-100 Cm	-	None	Clear	None	---	28	4.4	8.2	732	1.8	1	---	26	520	---	---	---	---	160	122	16	BDL	BDL	184	104	80	62	84	552	439	7	BDL	BDL	2	0.6	49	2.7	Nil	Irrigation
18	1174	River Thungabhadra at Bhavapuram	Kurnool / Kurnool	NWMP	Monthly	05-10-2015	10.00 AM	Clear	<200 cm	-	Nil	Clear	None	---	28	6.7	8.2	1047	2.8	1.3	---	26	580	---	---	---	---	172	150	20	BDL	BDL	212	112	100	144	138	652	512	12	0.1	BDL	2	0.7	58	4.1	Nil	Irrigation
19	1175	River Krishna at Srishailam (Krishna after confluence with Thungabhadra at Sangameswaram)	Kurnool / Kurnool	NWMP	Monthly	09-10-2015	08.00AM	Clear	>10 meters	Bathing ghat	flowers and	Clear	Nil	---	25	6.6	7.9	564	1.2	0.9	---	24	510	---	---	---	---	116	68	12	BDL	BDL	112	68	44	82	74	336	262	11	BDL	BDL	3	0.7	58	3	Nil	Irrigation
20	1255	River Pennar at Unganoor (River Pennar before confluence with Chitravathi at Tadipatri)	Ananthapur / Kurnool	NWMP	Monthly	08-10-2015	10.40 AN	Clear	>100 cms	Nil	Nil	Clear	None	---	30	6.4	8.2	557	1.8	1.3	---	22	480	---	---	---	---	116	78	12	BDL	BDL	120	76	44	66	72	374	291	11	BDL	BDL	2	0.6	56	2.9	Nil	Drinking, irrigation, etc.
21	1256	River Pennar at Pushpagiri (River Pennar after confluence with Papagni & Pushpagni)	Cuddapah / Tirupathi	NWMP	Monthly	08-10-2015	11.00 AM	Clear	<50 cm	Nil	-	Clear	-	---	27	4.7	8.1	742	1.8	1.3	---	22	480	---	---	---	---	164	102	12	BDL	BDL	172	88	84	90	90	521	432	6	BDL	BDL	3	0.8	53	3	Nil	Irrigation
22	1517	B/w at Kurnool near Thungabhadra river (Mamidalapadu)	Kurnool	NWMP	Half Yearly	05-10-2015	10.30 AM	Clear	>10 mtr.	Village and Buffallo Sheds	None	Clear	Nil	---	26	3.1	8	2926	1.2	1.3	---	Nil	20	---	---	---	---	404	566	12	BDL	BDL	396	196	200	283	465	2064	1612	9	BDL	BDL	3	1.1	72	10.1	Nil	Irrigation.
23	1518	B/w at Nandyal (Kundu)	Kurnool	NWMP	Half Yearly	03-10-2015	11.00 AM	Clear	>10mtr.	None	Nil	Clear	None	---	29	2.2	8.1	3430	1.2	1.8	---	Nil	19	---	---	---	---	488	646	12	BDL	BDL	556	304	252	286	510	2396	1905	<5	BDL	BDL	4	1.3	66	9.4	Nil	Irrigation.
24	1519	Borewell at Nagari	Chittore / Tirupathi	NWMP	Half Yearly	08-10-2015	05.00 PM	Clear	>5 meters	Bathing	Nil	Clear	Nil	---	26	4.1	7.8	744	0.8	1.6	---	Nil	22	---	---	---	---	140	112	8	BDL	BDL	164	96	68	84	95	491	386	<5	BDL	BDL	2	0.7	55	3.2	Nil	Irrigation.
25	1520	Borewell at Srikalahasthi near Swarnamukhi river	Chittore / Tirupathi	NWMP	Half Yearly	08-10-2015	02.00 PM	Clear	>5 meters	None	Nil	Clear	None	---	26	4.4	8.1	779	0.8	1.2	---	Nil	18	---	---	---	---	144	126	8	BDL	BDL	188	100	88	92	89	522	418	<5	BDL	BDL	3	0.8	50	2.8	Nil	Irrigation.
26	1785	River Thungabhadra at Manthralayam	Kurnool	NWMP	Monthly	06-10-2015	10.00 AM	Clear	<200 Cm	Bathing	Nil	Clear	None	---	28	6.7	8.1	796	2.6	1.7	---	24	540	---	---	---	---	160	112	16	BDL	BDL	176	116	60	99	98	512	412	16	0.1	BDL	3	0.7	54	3.2	Nil	Irrigation.
27	2350	River Hundri at Lakshmipuram	Kurnool	NWMP	Monthly	05-10-2015	11.30 AM	Clear	>5 meters	Nil	Nil	Clear	None	---	28	6.3	8.2	580	2	1.7	---	24	560	---	---	---	---	140	74	16	BDl	BDL	124	68	56	68	77	371	288	10	BDL	BDL	3	0.7	57	3	Nil	Irrigation.

28	2351	River Kundu at Nandyal	Kurnool	NWMP	Monthly	03-10-2015	9.45 AM	Clear	<200 Cm	Nil	Nil	Clear	None	---	28	6.3	7.8	851	2.8	1.3	---	28	620	---	---	---	---	180	116	24	BDL	BDL	200	116	84	106	102	555	436	11	BDL	BDL	3	0.8	52	3.1	Town Sewage	Irrigation.
29	3083	D/s. of Srishailam	Kurnool	NWMP	Monthly	09-10-2015	09.30 AM	Clear	>100 cms	Bathing Ghat	Pooja Material	-	Nil	---	27	6.1	8.3	620	1.8	1.1	---	26	520	---	---	---	---	136	76	16	BDL	BDL	132	80	52	86	81	388	311	11	BDL	BDL	2	0.7	57	3.1	Bathing Activities and Pooja Activities	Irrigation.
30	14	River Godavari at Polavaram	West Godavari / Eluru	NWMP	Monthly	08-10-2015	12.00 PM	Clear	1 mtr.	Washings	None	Clear	None	---	27	5.4	7.9	265	0.6	0.53	BDL	7	240	---	---	5	Nil	92	22	8	0.22	BDL	100	40	60	8	14	172	154	8	0.24	BDL	2	0.54	23.33	0.62	None	Drinking, washing, irrigation, etc.
31	1218	U/s of River Godavari at Rajahmundry (Kumaradevam)	West Godavari / Eluru	NWMP	Monthly	08-10-2015	01.00 PM	Clear	1 mtr.	Cloth washing	None	Clear	None	---	28	5.2	8	206	0.6	0.48	BDL	20	>2400	---	---	5.2	Nil	96	9	8	0.28	BDL	80	40	40	6	14	127	111	7	0.42	BDL	2	0.45	27.7	0.69	None	Drinking, washing, irrigation, etc.
32	1219	D/s of River Godavari at Rajahmundry (Dhavaleswaram)	East Godavari / Kakinada	NWMP	Monthly	08-10-2015	05.15 PM	Clear	1 mtr.	Cattle wading	Moderate	Brown	Moderate	Moderate	28	5.6	7.7	269	1.2	0.64	BDL	7	75	5	0.63	5.2	Nil	104	14	12	0.24	BDL	120	60	60	7	12	166	147	11	0.21	0.08	2	0.47	17.86	0.48	Industrial and domestic	Drinking, washing, irrigation, etc.
33	1448	River Nagavali at Thotapally Regulatory	Vizianagaram / Vizianagaram	NWMP	Monthly	05-10-2015	7.30 PM	Cloudy	1 mtr.	Others	None	Turbid	None	---	27	5.6	7.7	818	0.8	0.83	BDL	11	210	---	---	5.4	Nil	230	32	8	0.24	BDL	260	170	90	12	14	500	484	19	0.67	0.1	2	0.96	10.54	0.38	Industrial	Agriculture
34	1522	Open well at Peddanuvvi	Srikakulam / Vizianagaram	NWMP	Half-yearly	08-10-2015	03.00 PM	Cloudy	1 mtr.	Others	None	Clear	None	---	26	5.4	7.7	535	1.5	1.81	0.2	3	15	---	---	5.2	Nil	150	72	12	0.32	0.09	220	110	110	18	24	375	300	9	0.44	BDL	2	0.44	18.9	0.72	Industrial	Agriculture
35	2352	River Vamsadhara at Kalingapatnam	Vizianagaram	NWMP	Monthly	08-10-2015	02.00 PM	Cloudy	1 mtr.	Others	None	Clear	None	---	27	5.4	7.9	256	1.2	0.38	BDL	7	210	---	---	5	Nil	112	9	8	0.2	BDL	100	50	50	5	14	158	142	11	0.66	BDL	2	0.44	23.02	0.61	Industrial	Agriculture
36	2353	Kondakarla-Ava Lake, Kondakarla	Visakhapatnam	NWMP	Monthly	08-10-2015	12.00 PM	Clear	1 mtr.	Others	None	Clear	None	---	28	5.8	7.6	387	0.8	0.67	BDL	15	1100	---	---	5	Nil	100	50	12	0.24	BDL	100	40	60	8	32	226	208	12	0.45	0.21	4	0.81	40.42	1.41	Domestic	Washing purpose
37	2354	Samarla kota canal	Kakinada	NWMP	Monthly	08-10-2015	09.00 PM	Clear	1 mtr.	Cattle wading	Moderate	Brown	None	Moderate	27	5.6	7.8	255	0.8	0.63	BDL	14	75	---	---	5	Nil	112	20	12	0.22	BDL	130	70	60	8	9	164	148	11	0.22	BDL	2	0.36	13.09	0.35	Industrial, domestic and agriculture	Washing purpose
38	2355	Tulje bagh canal, Tekri drain	Kakinada	NWMP	Monthly	08-10-2015	07.00 AM	Clear	1 mtr.	None	Moderate	Clear	None	Moderate	28	5.6	7.8	787	1.4	0.94	BDL	4	28	---	---	5.4	Nil	132	151	12	0.44	BDL	250	110	140	24	47	460	434	8	0.65	0.22	5	0.46	28.54	1.29	Industrial and domestic	Washing purpose
39	2370	River Godavari at Rajahmundry U/s of Nalla channel	East Godavari / Kakinada	NWMP	Monthly	08-10-2015	10.15 AM	Clear	1 mtr.	Cattle wading	None	Clear	None	---	29	5.8	7.8	291	1.4	0.82	BDL	15	43	---	---	5	Nil	112	19	8	0.36	BDL	120	80	40	4	12	170	148	7	0.23	BDL	2	0.42	17.59	0.48	Industrial and domestic	Irrigation, drinking and other purpose
40	2371	River Godavari at Rajahmundry D/s of Nalla channel	East Godavari / Kakinada	NWMP	Monthly	08-10-2015	10.40 AM	Clear	1 mtr.	Cattle wading	None	Brown	None	Moderate	29	5.8	7.7	279	1.6	0.95	BDL	9	28	---	---	5.2	BDL	128	16	16	0.38	BDL	120	70	50	5	14	168	152	12	0.51	0.08	2	0.65	20	0.56	Industrial and domestic	Irrigation and drinking purpose
41	3089	Hand Pump at tanam (V), Visakhapatnam	Visakhapatnam	NWMP	Half-yearly	06-10-2015	2.00 PM	Clear	-	Others	None	Clear	None	None	26	5.6	7.8	2480	1	2.74	0.7	15	>2400	---	---	5.2	Nil	484	293	4	0.41	BDL	380	140	240	124	128	1580	1552	3	0.04	BDL	5	0.8	41.59	2.86	Domestic	Washing purposes
42	3090	Hand Pump at Pittavanipalem, Visakhapatnam	Visakhapatnam	NWMP	Half-yearly	06-10-2015	02.00 PM	Clear	-	Others	None	Clear	None	---	25	5.4	7.8	1811	1.2	9.25	0	9	>2400	---	---	5	Nil	440	259	8	0.56	BDL	640	350	290	91	98	1177	1153	1	0.34	BDL	16	0.55	24.3	1.68	Domestic	Washing purposes
43	3091	Borewell at Kapuluppada dumpsite,Visakhapatnam	Visakhapatnam	NWMP	Half-yearly	09-10-2015	02.30 PM	Clear	-	Others	None	Clear	None	---	25	5.2	7.5	3010	0.8	8.8	0.1	7	43	---	---	5	Nil	232	590	8	0.45	BDL	950	460	490	536	160	2160	2134	1	0.44	BDL	8	0.23	26.57	2.25	Domestic	Washing purposes
44	3092	Borewell at Arinam Akkivalasa, Srikakulam	Vizianagaram	NWMP	Half-yearly	06-10-2015	02.30 PM	Cloudy	>100	Others	None	Clear	None	---	25	5.2	7.5	800	1	5.52	0.2	15	93	---	---	5.2	Nil	242	32	8	0.12	BDL	250	60	190	23	22	390	366	4	0.08	BDL	2	0.75	15.98	0.61	Industrial	Agricultural purposes
45	3093	Borewell at Alladapalem, Pydibheemavaram,	Srikakulam / Vizianagaram	NWMP	Half-yearly	06-10-2015	11.30 AM	Clear	>100 cms	Others	None	Clear	None	---	26	5.2	7.2	2442	1.4	4.35	0.2	4	15	---	---	5	Nil	332	284	16	0.38	BDL	460	240	220	82	64	1472	1447	4	0.12	BDL	9	0.51	22.89	1.3	Industrial	Agricultural purposes
46	1524	Open well at Kakinada near Pratapnagar bridge	East Godavari / Kakinada	NWMP	Half Yearly	08-10-2015	11.30 AM	Clear	>100 cms	Others	None	Clear	None	---	27	5.4	7.4	1411	0.8	0.82	0.2	9	93	---	---	5.2	Nil	276	190	12	0.06	BDL	530	280	250	86	55	904	880	13	0.06	BDL	8	0.66	18.23	1.04	Others	Agriculture purposes
47	1523	Borewell at Kovvur near M/s.Andhra Sugars	West Godavari / Eluru	NWMP	Half-yearly	08-10-2015	02.30 PM	Cloudy	>100 cms	Others	None	Clear	None	---	26	5.2	7.9	327	0.6	0.34	BDL	<3	21	---	---	5	Nil	156	24	8	0.24	BDL	140	80	60	6	12	213	194	1	0.48	BDL	2	0.22	15.4	0.43	Industrial and domestic	Agriculture purposes
48	1521	Open well at Mindi near Rama temple, Ward No.2	Vizag / Vizag	NWMP	Half-yearly	06-10-2015	12.30 PM	Clear	-	Others	None	Clear	None	---	27	5.6	7.7	2038	1.2	1.24	0.6	20	>2400	---	---	5.6	Nil	458	182	16	0.56	BDL	800	440	360	162	54	1210	1178	17	0.66	BDL	6	0.67	12.74	0.83	Domestic	Washing purposes
49	3053	Tulia bagh drain at Vemulavada	East Godavari	NWMP	Monthly	08-10-2015	07.15 AM	Cloudy	1 mtr.	Others	None	Clear	None	---	29	5.6	7.7	778	1.2	1.09	BDL	7	93	---	---	5.5	Nil	130	132	12	0.62	BDL	210	100	110	30	27	440	414	18	0.97	BDL	4	0.45	21.3	0.8	Industrial and domestic	Agriculture
50	3067	Outlet of STP on river Godavari at Rajahmundry	East Godavari	NWMP	Monthly	08-10-2015	04.45 PM	Clear	1 mtr.	Others	None	Turbid	None	---	29	5.4	7.7	263	1.8	0.62	BDL	7	75	---	---	5	Nil	96	12	16	0.24	BDL	100	60	40	6	14	162	146	9	0.58	BDL	2	0.36	22.72	0.61	Industrial and domestic	
51	20004	Inlet of STP at Hukumpeta,Rajahmundry	East Godavari	NWMP	Monthly	08-10-2015								---			7.6		84											288										88							Washing purpose	
52	20004	Outlet of STP on river Godavari at Rajahmundry	East Godavari	NWMP	Monthly	08-10-2015											7.6		22											116										14							Washing purpose	