

**A.P. POLLUTION CONTROL BOARD  
NATIONAL WATER MONITORING PROGRAMME (NWMP) DATA FOR THE MONTH OF OCTOBER 2020**

S. No.	Station code	Station name	District	Regional Office	Programme	Frequency	Monitoring date	Sampling time	Weather	Depth (mtrs.)	Human activities	Floating matter	Colour	Odour	Flow (m <sup>3</sup> /Sec)	Water Temp. (°C)	DO (mg/L)	pH	Conductivity (µS/cm)	BOD (mg/L)	Nitrate-N (mg/L)	Nitrite-N (mg/L)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	Fecal Streptococci (MPN/100 ml)	Saprophy index	Diversity score	Turbidity (NTU)	Phen-Ak (mg/L)	Total Ak (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)	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	As	Cd	Cu	Pb	Cr	Ni	Zn	Fe	Hg	
1	4346	Nagavali River near NH-16 Bridge, Up stream of Sriakulam, before confluence of town Sewage.	Srikakulam	Srikakulam	NWMP	Monthly	10.08.2020	03.30 PM	Clear	50-110 cms	Others	None	Clear	None	-	27	7.1	7.66	274	1.6	0.87	0.05	150	11	NIL	5.80	0.56	31	0.0	92	34.2	8.8	0.14	0.03	96	60	36	3.42	19.94	180	172	16	0.04	0.049	2.61	0.38	30.43	0.89	Industrial	Agriculture purposes	0.004	BDL	0.003	0.005	BDL	0.001	0.002	0.089	BDL
2	4347	Nagavali River near Water pump house (Kilipalem), Down stream of Sriakulam, after confluence of town sewage	Srikakulam	Srikakulam	NWMP	Monthly	10.08.2020	02.30 PM	Clear	50-100 cms	Others	None	Clear	None	-	27	6.3	7.84	340	2.3	1.98	0.04	460	23	NIL	6.00	0.58	105	0.0	104	48.9	6.8	0.28	0.07	104	68	36	3.67	28.59	220	210	35	0.14	0.052	3.80	0.35	36.40	1.22	Industrial	Agriculture purposes	0.001	BDL	0.003	0.001	BDL	0.003	0.001	0.052	BDL
3	4348	River Vamsadhara at Battili	Srikakulam	Srikakulam	NWMP	Monthly	10.08.2020	09.30 AM	Clear	50-100 cms	Others	None	Clear	None	-	26	8.2	7.26	280	1.2	1.10	0.13	150	9	NIL	5.40	0.52	1.42	0.0	100	29.3	8.0	0.14	0.02	112	72	40	6.50	14.22	182	174	3	0.04	0.025	3.45	0.40	21.02	0.58	Industrial	Agriculture purposes	0.001	BDL	0.004	0.013	0.001	0.001	0.008	1.225	BDL
4	4349	Sea Water, Bay of Bengal, after Confluence of marine outfall of M/s.Aurbindo pharma Ltd, M/s Andhra Organics Ltd and M/s Lantech Pharmaceuticals	Srikakulam	Srikakulam	NWMP	Monthly	10.08.2020	05.30 PM	Clear	>100cms	Others	None	Clear	None	-	26	6.1	7.82	37920	1.5	1.00	0.08	64	4	-	-	-	56.10	0.0	-	-	-	0.14	0.04	-	-	-	-	25784	25772	22	0.02	0.180	234.50	0.52	-	-	Industrial	Fishing	-	-	-	-	-	-	-	-	-	
5	2352	River Vamsadhara at Gara	Srikakulam	Srikakulam	NWMP	Monthly	10.08.2020	12.10 PM	Cloudy	<50 cms	Others	None	Clear	None	-	29	5.8	6.95	228	1.1	1.55	0.28	150	11	NIL	5.6	0.6	1.93	0.0	80	24.4	7.6	0.14	0.05	88	68	20	4.33	9.10	148	140	2	0.30	0.031	2.50	0.63	16.66	0.40	Industrial	Agriculture purposes	0.002	BDL	0.003	0.003	0.002	0.002	0.007	1.907	BDL
6	1522	Open Well, Ponnada (V), Echerla(M), Srikakulam District.	Srikakulam	Srikakulam	NWMP	Half-yearly	10.08.2020	03.00 PM	Cloudy	>100 cms	Others	None	Clear	None	-	26	5.1	8.48	1950	1.1	3.13	0.33	64	4	-	-	-	2.70	0.0	172	479.4	7.2	0.14	0.05	592	400	192	140.95	159.2	1320	1306	4	0.03	0.118	8.74	0.98	36.51	2.85	Industrial	Agriculture purposes	BDL	BDL	0.003	0.002	BDL	0.001	0.003	0.140	BDL
7	3092	Borewell at Arinam Akkivalasa, Srikakulam	Srikakulam	Srikakulam	NWMP	Half-yearly	10.08.2020	04.30 PM	Cloudy	>100	Others	None	Clear	None	-	26	6.0	7.41	960	1.5	5.35	1.32	75	4	-	-	-	4.18	0.0	160	185.8	1.6	0.28	0.04	272	140	132	57.38	101.09	648	636	3	0.06	0.221	3.91	1.15	44.31	2.67	Industrial	Agriculture purposes	BDL	BDL	0.002	0.003	BDL	0.002	0.003	0.081	BDL
8	4350	Borewell at Z.P.High School, Amalpadu (V), Vajrapu Kotturu(M), Srikakulam District.	Srikakulam	Srikakulam	NWMP	Half-yearly	10.08.2020	11.00 AM	Clear	50-100 cms	Others	None	Turbid	None	-	27	5.0	7.46	1050	1.4	4.97	0.53	75	7	-	-	-	1.29	0.0	220	200.5	2.4	0.14	0.05	320	160	160	23.99	92.58	704	692	3	0.08	0.183	31.34	0.42	35.89	2.25	Industrial	Agriculture purposes	BDL	BDL	0.006	0.004	BDL	0.002	0.048	0.092	BDL
9	4351	River Nagavali Immediate Border between Andhra Pradesh & Orissa States, Near Shalayatam, Kuneru (V), Konarada (M)	Vizianagaram	Vizianagaram	NWMP	Monthly	10.07.2020	10.00 AM	Clear	<50 cms	Others	None	Turbid	None	-	29	5.6	7.87	296	2.1	0.91	0.09	210	21	NIL	5.60	0.60	32.3	0.0	108	24.4	10.0	0.28	0.08	120	100	20	10.86	13.31	194	186	20	0.06	0.024	2.06	0.29	19.12	0.53	Industrial	Agriculture purposes	0.001	BDL	0.003	0.001	BDL	BDL	0.002	0.343	BDL
10	1448	River Nagavali at Thopatly Regulatory	Vizianagaram	Vizianagaram	NWMP	Monthly	10.07.2020	01.00 PM	Cloudy	50-100 cms	Others	None	Turbid	None	-	26	5.0	7.79	212	2.2	1.65	0.32	210	15	NIL	5.80	0.58	110	0.0	92	14.6	6.0	0.14	0.04	92	52	40	3.53	9.67	140	132	42	0.06	0.032	2.20	0.34	18.16	0.44	Industrial	Agriculture purposes	0.001	BDL	0.091	0.010	0.003	0.003	0.008	2.631	BDL
11	3093	Bore well at Alladipalem(V), Pusapatirega (M), Vizianagaram District.	Vizianagaram	Vizianagaram	NWMP	Half-yearly	10.08.2020	10.00 AM	Clear	>100 cms	Others	None	Clear	None	-	28	5.2	7.92	1280	1.2	6.04	1.10	75	4	NIL	-	-	1.85	0.0	128	283.7	5.6	0.14	0.03	340	220	120	84.5	145.7	872	860	2	0.03	0.253	12.70	0.24	47.11	3.44	-	-	0.001	BDL	0.006	0.005	BDL	BDL	0.003	0.063	BDL
12	4352	Sea water, Bay of Bengal, after confluence of Marine outfall of M/s Myan & M/s SMS Pharmaceuticals Ltd., Thammayapalem, Pooapatirega, Vizianagaram District.	Vizianagaram	Vizianagaram	NWMP	Monthly	10.07.2020	10.30 AM	Clear	>100 cms	Others	None	Turbid	Fishy	-	27	6.0	8.62	37280	2.0	0.32	0.06	64	4	-	-	-	0.73	0.0	-	-	-	0.14	0.03	-	-	-	-	25712	25704	3	0.02	0.170	247	0.93	-	-	Industrial	Fishing	-	-	-	-	-	-	-	-	BDL	
13	2353	Kondakarla-Ava Lake, Kondakarla	Visakhapatnam	Visakhapatnam	NWMP	Monthly	10.07.2020	03.30 PM	Clear	50-100 cms	Fishing	None	Turbid	None	-	26	3.6	8.32	890	4.1	1.60	0.22	460	23	-	5.6	0.54	1.55	40.0	212	141.8	17.2	0.56	0.15	240	168	72	30.95	84.16	560	546	3	0.01	0.131	4.94	0.40	42.67	2.37	Domestic	Washing purposes	0.002	BDL	0.002	0.002	BDL	BDL	0.003	0.040	BDL
14	4356	Yeluru Canal, Near Pharma City, Visakhapatnam	Visakhapatnam	Visakhapatnam	NWMP	Monthly	10.07.2020	04.30 PM	Clear	50-100 cms	Fishing	None	Clear	None	-	26	4.9	8.14	248	1.9	0.62	0.15	150	9	-	-	-	11.8	0.0	92	19.5	4.0	0.14	0.06	104	60	44	9.98	10.49	160	152	7	0.04	0.134	1.99	0.29	17.66	0.45	Industrial	Domestic	0.005	BDL	0.002	BDL	0.007	0.001	0.002	0.365	BDL
15	4357	Rushkonda Beach, Rushkonda, Visakhapatnam	Visakhapatnam	Visakhapatnam	NWMP	Monthly	10.16.2020	10.30 AM	Clear	>100cms	Fishing	None	Clear	None	-	25	6.0	8.30	32400	1.6	5.98	0.22	75	4	-	-	-	2.18	-	-	-	-	0.14	0.02	-	-	-	-	22664	22658	3	0.03	0.140	228.2	0.77	-	-	Industrial, domestic	Bathing & Wasing	-	-	-	-	-	-	-	-	-	
16	3089	Hand Pump at tanam (V), Visakhapatnam	Visakhapatnam	Visakhapatnam	NWMP	Half-yearly	10.07.2020	03.30 PM	Clear	-	Others	None	Clear	None	-	26	4.2	7.40	2220	1.2	5.92	0.02	75	7	-	-	-	0.59	8.0	200	538.1	7.2	0.42	0.08	448	240	208	155.7	325	1540	1520	3	0.04	0.645	12.70	0.80	60.39	6.68	Domestic	Washing purposes	0.002	BDL	0.003	BDL	BDL	0.001	0.013	0.058	BDL
17	3090	Hand Pump at Pittavanipalem, Visakhapatnam	Visakhapatnam	Visakhapatnam	NWMP	Half-yearly	10.07.2020	05.00 PM	Clear	-	Others	None	Clear	None	-	26	3.8	7.61	2350	1	5.87	1.60	64	4	-	-	-	2.12	0.0	200	547.9	2.0	0.28	0.03	592	372	220	190.95	276.3	1612	1604	7	0.03	0.253	22.00	0.74	49.25	4.94	Domestic	Washing purposes	0.004	BDL	0.003	BDL	BDL	0.002	0.027	0.131	BDL
18	3091	Borewell at Kapulupada dumpsite, Visakhapatnam	Visakhapatnam	Visakhapatnam	NWMP	Half-yearly	10.16.2020	02.30 PM	Clear	-	Others	None	Clear	None	-	25	4.8	7.97	4520	2.4	6.28	0.82	75	7	-	-	-	3.96	32.0	252	880.5	17.2	0.42	0.05	1640	1072	568	769.6	253.6	3160	3142	5	0.01	0.448	10.65	0.51	25.04	2.73	Domestic	Washing purposes	BDL	BDL	0.003	0.002	BDL	0.005	0.061	0.167	BDL
19	1521	Open well at Mindi near Rama temple, Ward No.2	Visakhapatnam	Visakhapatnam	NWMP	Half-yearly	10.07.2020	02.00 PM	Clear	-	Others	None	Clear	None	-	26	7.5	7.83	3010	2.0	5.87	0.80	93	4	-	-	-	0.86	0.0	208	156.5	5.2	0.14	0.03	920	600	320	800.6	143.3	1888	1874	2	0.24	0.356	23.93	1.15	25.72	2.06	Domestic	Washing purposes	0.002	BDL	0.002	BDL	BDL	BDL	0.002	0.173	BDL
20	4353	Bore well at Manga Raju House, Gajapathnagar, Payakarasepa, Visakhapatnam	Visakhapatnam	Visakhapatnam	NWMP	Half-yearly	10.14.2020	12.30 PM	Clear	50-100 cms	Others	None	Clear	None	-	24	4.5	7.51	2360	2.5	5.86	0.60	75	4	-	-	-	1.09	0.0	240	557.6	6.8	0.28	0.03	336	200	136	185.96	358.6	1648	1636	3	0.13	0.477	20.36	0.42	68.33	8.52	Agricultural	Drinking and Domestic use	0.001	BDL	0.002	0.001	BDL	BDL	0.016	0.211	BDL
21	4354	Bore well at Sri Nookalata Temple, Rajayyapeta (V), Naikapalli (M), Visakhapatnam	Visakhapatnam	Visakhapatnam	NWMP	Half-yearly	10.14.2020	04.15 PM	Clear	50-100 cms	Others	None	Clear	None	-	23	3.6	7.22	11500	2.5	5.90	0.57	150	11	-	-	-	40.1	0.0	220	2749.3	14	0.56	0.18	1280	860	420	88																					

AP. POLLUTION CONTROL BOARD  
NATIONAL WATER MONITORING PROGRAMME (NWMP) DATA FOR THE MONTH OF OCTOBER 2020

S. No.	Station code	Station name	District	Regional Office	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 (µS/cm)	BOD (mg/L)	Nitrate-N (mg/L)	Nitrite-N (mg/L)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	Fecal Streptococci (MPN/100 ml)	Saprobity index	Diversity score	Turbidity (NTU)	Phen-Ale (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)	TSS (mg/L)	Phosphate (mg/L)	Boron (mg/L)	Potassium (mg/L)	Fluoride (mg/L)	%Sodium (mg/L)	SAR	Major polluting sources	Use of water in downstream	As	Cd	Cu	Pb	Cr	Ni	Zn	Fe	Hg			
38	4364	Bore well at Rajiv Grahakalapa, Near AP Paper Mills Workers Colony, Malayapeta, Katheru, Rajamahendravaram	East Godavari	Kakinada	NWMP	Half yearly	10.07.2020	11.30 AM	Clear	>100cm	Others	Moderate	Clear	Others	-	26	5.6	8.05	631	1.9	0.72	0.13	64	4	-	-	-	2.11	0.0	120	127.1	2.8	0.14	0.05	176	100	76	29.4	66.32	428	420	3	0.03	0.070	8.34	0.37	43.63	2.18	Industrial & Others	Not applicable	0.001	BDL	0.002	BDL	BDL	BDL	0.001	0.035	BDL		
39	14	River Godavari at Polavaram	West Godavari	Eluru	NWMP	Monthly	10.08.2020	11.30 AM	Clear	>100cm	Washing	None	Clear	None	-	23	6.5	7.52	296	1.7	1.14	0.05	150	11	NIL	6.0	0.58	5.63	0.0	88	48.9	4.8	0.14	0.03	100	60	40	6.94	26.43	204	192	6	0.03	0.047	2.97	0.22	35.67	1.15	None	Drinking, washing, etc.	0.003	BDL	0.003	0.001	BDL	0.001	0.002	0.091	BDL		
40	1218	Uls of River Godavari at Rajahmundry (Kumaradevam)	West Godavari	Eluru	NWMP	Monthly	10.08.2020	12.00 PM	Clear	>100 cms	Cloth washing	None	Clear	None	-	23	6.3	7.94	326	1.8	1.44	0.09	210	15	NIL	5.4	0.52	47.50	0.0	112	44.0	13.6	0.28	0.05	120	60	60	8.67	26.43	222	214	14	0.05	0.052	2.87	0.23	31.76	1.05	None	Drinking, washing, etc.	0.004	BDL	0.003	BDL	BDL	0.002	0.001	0.057	BDL		
41	1523	Borewell at Kovur near M/s Andhra Sugars	West Godavari	Eluru	NWMP	Half-yearly	10.08.2020	11.00 AM	Cloudy	>100 cms	Others	None	Clear	None	-	22	5.8	7.94	234	1.9	0.22	0.02	75	7	-	-	49.70	0.0	88	29.3	4.0	0.14	0.03	104	60	44	6.11	12.51	160	152	22	0.05	0.037	2.85	0.35	20.20	0.53	Industrial domestic	Agriculture purposes	0.001	BDL	0.002	0.004	BDL	0.001	0.005	0.028	BDL			
42	4365	River Vasista Godavari Uls of Narasapuram Town, Before confluence of Town Sewage	West Godavari	Eluru	NWMP	Monthly	10.07.2020	10.30 AM	Clear	100 cms	Cloth washing	None	Clear	-	-	22	6.0	8.07	385	1.5	1.16	0.07	240	11	NIL	5.4	0.50	27.50	0.0	132	48.9	5.2	0.14	0.03	144	100	44	6.61	27.67	260	252	15	0.05	0.048	2.79	0.40	29.00	1.00	Domestic Agriculture & others	Confluence with sea	0.004	BDL	0.006	0.001	BDL	BDL	0.001	0.068	BDL		
43	4366	River Vasista Godavari Dls of Narasapuram Town, After confluence of Town Sewage	West Godavari	Eluru	NWMP	Monthly	10.07.2020	10.40 AM	Clear	100 cms	Cloth washing	None	Clear	Light Sewage	-	22	5.3	8.54	3560	2.0	1.21	0.12	1100	23	NIL	5.6	0.54	47.00	0.0	140	1027.3	9.2	0.42	0.05	420	288	192	160.9	597.6	2412	2402	21	0.04	0.072	22.35	0.34	74.37	12.69	Domestic Agriculture & others	Confluence with sea	0.006	BDL	0.007	0.002	BDL	0.001	0.003	0.084	BDL		
44	4367	River Godavari Koundinyamukthi (V), Kukunur (M), Border point between AP & Telangana States	West Godavari	Eluru	NWMP	Monthly	10.08.2020	10.30 AM	Clear	100 cms	Cloth washing	None	Light Blue	Not Classify Smell	-	23	5.3	7.79	370	2.1	1.26	0.07	150	15	NIL	-	-	91.90	0.0	96	53.8	13.6	0.28	0.10	132	80	52	16.48	24.64	240	232	42	0.15	0.044	3.05	0.20	28.31	0.93	Domestic Agriculture & others	Confluence with sea	0.002	BDL	0.005	0.001	BDL	BDL	0.001	0.067	BDL		
45	4368	Kolleru Lake, Kokkiralanka (V), Kalkur (M), West Godavari District	West Godavari	Eluru	NWMP	Monthly	10.08.2020	05.30 PM	Clear	100 cms	Cloth washing	None	Brown	Not Classify Smell	-	23	3.6	7.35	675	2.6	1.51	0.04	240	21	-	-	14.60	0.0	176	117.4	17.2	0.42	0.12	164	100	64	29.71	85.94	468	460	8	0.42	0.114	6.91	0.77	51.99	2.92	Domestic Agriculture & others	Agriculture, Fishing & Bathing	0.009	BDL	0.005	0.001	BDL	0.001	0.002	0.033	BDL			
46	4369	Cooling water blow downs from Andhra Sugars Ltd., Kovur, Before joining River Godavari	West Godavari	Eluru	NWMP	Monthly	10.08.2020	04.30 PM	Clear	100 cms	Cloth washing	None	Light Blue	None	-	25	5.2	7.63	340	2.4	1.38	0.98	64	4	-	-	12.90	0.0	120	34.2	1.2	0.14	0.02	132	92	40	9.46	20.92	220	212	7	0.12	0.032	2.03	0.51	25.29	0.79	Domestic Agriculture & others	Irrigation & Fish ponds	0.002	BDL	0.003	0.001	BDL	BDL	0.001	0.035	BDL			
47	4370	Krishna Canal at Hanuman Nagar, Near Sababa Temple, Eluru	West Godavari	Eluru	NWMP	Monthly	10.07.2020	08.30 AM	Clear	100 cms	Cloth washing	None	Light Blue	None	-	22	4.0	8.35	442	2.0	1.43	0.06	460	23	-	-	17.14	0.0	100	73.3	6.8	0.56	0.15	124	80	44	26.42	43.31	292	280	9	0.11	0.094	4.80	0.73	42.03	1.69	Domestic Agriculture & others	Irrigation & Fish ponds	0.004	BDL	0.004	0.001	BDL	0.001	0.001	0.047	BDL			
48	4371	Sea water, Bay of Bengal, After confluence of River Vasista Godavari at Chinnamanavilanka (V), Narasapuram (M), West Godavari District	West Godavari	Eluru	NWMP	Monthly	10.07.2020	12.00 PM	Clear	>100cms	Fishing & Bathing	None	Light Blue	Not Classify Smell	-	22	5.2	7.56	41300	1.3	0.68	0.50	93	7	-	-	23.70	0.0	-	-	-	0.14	0.02	-	-	-	-	-	-	28816	28806	13	0.02	0.230	257.6	0.60	-	-	Domestic Agriculture & others	Fishing & Bathing	-	-	-	-	-	-	-	-	-		
49	4372	Gosthani River sample before confluence with M/s Delta Paper Mill effluents, Vendra (V), Palakoderu (M)	West Godavari	Eluru	NWMP	Monthly	10.07.2020	04.30 PM	Clear	< 3 mtrs	Cloth washing	None	Grey	Eggs or Sewage	-	23	1.5	7.40	806	3.3	1.47	0.25	240	15	NIL	-	20.80	0.0	144	178.3	12	0.28	0.08	216	140	76	22.87	96.26	540	524	11	0.06	0.092	4.97	0.48	48.54	2.85	Domestic Agriculture & others	Irrigation & Fish ponds	0.003	BDL	0.004	0.001	BDL	0.001	0.001	0.045	BDL			
50	4373	Gosthani River sample after confluence with M/s Delta Paper Mill effluents, Vendra (V), Palakoderu (M) but before confluence with Yamamaduru drain	West Godavari	Eluru	NWMP	Monthly	10.07.2020	04.55 PM	Clear	< 3 mtrs	Cloth washing	None	Grey	Eggs or Sewage	-	23	2.0	7.13	940	3.0	1.35	0.02	460	21	NIL	-	7.37	0.0	152	205.4	10.8	0.56	0.15	280	188	92	52.36	100.11	624	610	6	0.12	0.093	5.20	0.27	43.21	2.60	Domestic Agriculture & others	Confluence with Yamamaduru drain	0.006	BDL	0.003	0.001	BDL	0.001	0.002	0.039	BDL			
51	4374	Gostha Nadi-Velpuru Canal at Hanuman Temple Dls of Tanuku Town, Attili (M)	West Godavari	Eluru	NWMP	Monthly	10.07.2020	07.30 AM	Clear	50-100 cms	Cloth washing	None	Light Green	Light Sewage	-	21	5.8	7.89	412	2.1	1.92	0.02	210	15	-	-	60.40	0.0	112	68.4	8.0	0.14	0.05	124	84	40	10.39	37.93	276	260	28	0.11	0.061	3.68	0.40	39.10	1.48	Domestic Agriculture & others	Drinking & Washing	0.001	BDL	0.004	0.001	BDL	0.001	0.002	0.031	BDL			
52	25	Upstream of river Krishna at Prakasam barrage	Krishna	Vijayawada	NWMP	Monthly	10.07.2020	09.30 A.M	Clear	>1 mtr. (Approx)	Bathing, Cloth washing etc.	---	Clear	None	-	26	7.1	7.79	702	1.6	0.70	---	120	<3	BDL	5.1	0.66	1.28	0.04	170	89	<10	0.10	0.04	186	98	88	66	68	440	430	4	0.16	0.22	2.94	0.82	43.6	2.2	Domestic	Irrigation purpose	0.002365	7E-06	0.002874	ND	0.000280	0.000829	0.004077	0.005687	ND	0.00046	0.000211
53	1257	Upstream of Pennar river at Somasila	Nellore	Nellore	NWMP	Monthly	10.06.2020	11.00 A.M	Clear	3-4 ft	Fishing Cattle Washing	---	Colorless	Odourless	-	23	7.4	7.99	855	2.2	1.08	---	150	<3	BDL	6.2	0.58	1.34	0.06	180	110	12	0.12	0.06	198	110	88	75	84	536	520	6	0.14	0.18	3.20	0.76	47.3	2.6	Domestic	Domestic	0.003275	8E-05	0.009049	0.002	0.001104	0.001239	0.004609	0.202676	0.003151	0.000146	0.014867
54	1782	Puligadda aqeduct near Avaniagadda (V)	Krishna	Vijayawada	NWMP	Monthly	10.27.2020	09.30 A.M	Clear	>1 mtr.	Fishing Cattle Washing	---	Turbid	None	Medium	26	4.0	7.64	22700	2.2	1.04	---	75	<3	BDL	6.2	0.66	1.40	0.06	158	6500	14	0.10	0.04	3900	1060	2840	2100	3400	14300	14275	8	0.12	0.16	3.04	0.68	63.1	23.6	Other	Fishing	*	*	*	*	*	*	*	*	*		
55	1787	River Krishna at Amravathi	Guntur	Guntur	NWMP	Monthly	10.08.2020	12.30 P.M	Clear	>100	Others	---	Clear	None	-	23	7.4	7.94	713	1.0	0.77	---	120	<3	BDL	6.2	0.58	1.10	0.06	146	96	<10	0.10	0.04	168	90	78	62	70	442	430	4	0.18	0.20	2.83	0.72	46.8	2.3	Other	Fishing	0.002882	2E-06	0.002579	ND	0.000323	0.000252	0.008493	0.001236	0.00059	0.000101	
56	1786	Downstream of Krishna river at Vedadri	Krishna	Vijayawada	NWMP	Monthly	10.07.2020	02.00 P.M	Clear	Approx >1 mts	Bathing, cloth	---	Clear	None	-	27	7.2	7.87	820	2.2	1.10	---	150	<3	BDL	5.1	0.58	1.20	0.04	212	96	<10	0.14	0.06	220	130	90	68	75	508	496	4	0.16	0.19	3.52	0.76	41.9	2.2	Other	Cultivation	0.002102	9E-06	0.002887	6E-06	0.000416	0.000626	0.000452	0.009447	0.000575	0.000554	0.000744
57	1790	2nd Causeway, Pulicott lake	Nellore	Nellore	NWMP	Monthly	10.08.2020	11.00 A.M	Clear	2-3ft	Fishing	---	Colorless	Odourless	-	24	3.9	8.01	42760	2.6	0.96	---	75	<3	BDL	5.1	0.58	1.24	0.02	168	13800	12	0.014	0.06	4920	1124	3796	2396	7500	29500	29548	8	0.12	0.18	472	0.80	74.5	46.3	Industrial & other	Industrial & Fishing	*	*	*	*	*	*	*	*	*		
58	3051	Budameru canal near BDG at NH-5, Keesarapalli	K																																																										

A.P. POLLUTION CONTROL BOARD  
NATIONAL WATER MONITORING PROGRAMME (NWMP) DATA FOR THE MONTH OF OCTOBER 2020

S. No.	Station code	Station name	District	Regional Office	Programme	Frequency	Monitoring date	Sampling time	Weather	Depth (mtrs.)	Human activities	Floating matter	Colour	Odeur	Flow (m <sup>3</sup> /Sec)	Water Temp. (°C)	DO (mg/L)	pH	Conductivity (µS/cm)	BOD (mg/L)	Nitrate-N (mg/L)	Nitrite-N (mg/L)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	Fecal Streptococci (MPN/100 ml)	Saprobity index	Diversity score	Turbidity (NTU)	Phen-Ale (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)	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	As	Cd	Cu	Pb	Cr	Ni	Zn	Fe	Hg		
85	1256	River Pennar at Pushpagiri	Kadapa	Kadapa	NWMP	Monthly	13.10.2020	10.50 AM	Clear	> 100 cms	Others	None	Brown	None	Flood	25°C	6.4	7.5	480	2.2	0.9	0.13	500	100	...	6.2	0.79	60.2	BDL	136	38	10	2.5	1.1	110	68	42	38	55	289	231	72	0.3	1.2	3.3	0.3	51	2.3	Domestic/ Agriculture run off	Irrigation	--	BDL	0.008	0.015	0.003	--	0.006	0.554	--	0.084
86	1785	River Thungabhadra at Manthralayam	Kurnool	Kurnool	NWMP	Monthly	17.10.2020	10:15 AM	Clear	> 100 cms	Bathing/ Others	None	Turbid	None	Flood	22°C	6.3	7.4	798	2.0	0.4	0.06	700	200	...	6.0	0.81	71.0	BDL	154	80	14	4.8	1.7	148	98	50	91	98	479	383	84	0.9	1.5	3.6	0.2	58	3.5	Domestic/ Agriculture run off	Irrigation	--	BDL	0.013	0.008	0.008	--	0.691	1.527	--	0.029
87	2350	River Hundri near Laxmipuram village	Kurnool	Kurnool	NWMP	Monthly	15.10.2020	10.30 AM	Cloudy	> 100 cms	Others	None	Clear	None	Flood	22°C	6.4	7.8	830	1.7	1.8	0.37	600	100	...	6.11	0.67	15.0	BDL	236	80	14	3.9	3.1	170	60	110	50	107	498	398	47	0.4	2.6	5.5	0.2	57	3.6	Domestic/ Agriculture run off	Irrigation	--	BDL	0.012	0.016	0.003	--	0.012	0.213	--	0.019
88	2351	River Kundu at Nandyal	Kurnool	Kurnool	NWMP	Monthly	12.10.2020	8:15 AM	Cloudy	> 100 cms	Others	None	Turbid	None	Flood	21°C	6.2	6.9	493	2.5	0.9	0.16	800	300	...	6.31	0.65	69.2	BDL	136	44	15	6.4	4.8	128	100	28	39	51	296	236	83	0.5	2.3	3.0	0.1	46	2.0	Town sewage/ Agriculture run off	Irrigation	--	BDL	0.012	0.031	0.003	--	0.016	0.248	--	0.036
89	3083	River Krishna D/s. of Srishalam (Pahalaganga)	Kurnool	Kurnool	NWMP	Monthly	18.10.2020	7:20 AM	Cloudy	> 100 cms	Bathing/ Others	None	Clear	None	Flood	20°C	6.4	7.4	535	1.2	1.0	0.04	600	100	...	6.38	0.73	3.1	BDL	132	56	9	1.7	0.6	152	74	78	47	51	321	256	24	0.3	0.6	3.0	0.8	42	1.8	Domestic/ Agriculture run off	Irrigation	--	BDL	0.015	0.007	0.003	--	0.047	0.216	--	0.078
90	4389	River Tungabhadra at Padidempadu (V), Kurnool (M), Kurnool district.	Kurnool	Kurnool	NWMP	Monthly	15.10.2020	9:10 AM	Cloudy	> 100 cms	Others	None	Turbid	None	Flood	22°C	5.8	7.5	706	2.2	1.1	0.13	800	200	...	6.24	0.72	45.3	BDL	190	71	14	6.4	5.3	150	78	72	55	91	424	339	53	0.6	2.3	4.7	0.2	56	3.2	Town sewage/ Agriculture run off	Irrigation	--	BDL	0.011	0.003	0.003	--	0.007	0.124	--	0.034
91	4388	River Tungabhadra near Sivalayam Temple at Gondiparta (V), Kurnool Dist	Kurnool	Kurnool	NWMP	Monthly	19.10.2020	8:20 AM	Clear	> 100 cms	Others	None	Clear	None	Flood	21°C	6.2	7.5	996	2.3	0.7	0.17	600	100	...	6.3	0.63	21.0	BDL	148	174	12	5.9	4.2	182	78	104	92	140	598	478	34	0.9	2.9	6.0	0.6	62	4.5	Domestic/ Agriculture run off	Irrigation	--	BDL	0.01	0.004	0.003	--	0.136	0.235	--	0.052
92	4390	Papavinsanam Reservoir, Tirumala, Chittoor Dist.	Chittoor	Tirupathi	NWMP	Monthly	08.10.2020	8:30 AM	Cloudy	> 100 cms	Others	None	Clear	None	Moderate	26°C	6.5	6.7	46	0.5	0.2	0.02	200	BDL	...	7.0	0.83	1.7	BDL	8	6	4	0.6	BDL	10	6	4	0.2	3	28	22	2	0.03	0.2	0.9	0.1	37	0.4	None	Bathing / Irrigation	--	BDL	0.008	0.016	0.028	--	0.092	0.397	--	0.032
93	4391	Chengambakam tank, Sricity SEZ, Chittoor Dist.	Chittoor	Tirupathi	NWMP	Monthly	07.10.2020	8:50 AM	Clear	> 100 cms	Cattle wading/ Shing	None	Clear	None	Moderate	26°C	6.3	6.5	670	2.2	2.1	0.46	600	100	...	6.26	0.59	2.3	BDL	128	89	13	1.7	0.6	76	64	12	58	112	402	321	6	0.04	0.5	2.7	0.5	75	5.6	Domestic	Irrigation	--	BDL	0.013	0.002	0.002	--	0.012	0.134	--	0.008
94	4392	Bore-well near Sri Govindaraja Swamy Temple, Tirupati, Chittoor Dist.	Chittoor	Tirupathi	NWMP	Half-Yearly	06.10.2020	17:10 PM	Clear	> 100 cms	Others	None	Clear	None	...	26°C	4.1	6.6	1560	0.8	3.9	0.37	BDL	BDL	...	...	0.3	BDL	444	244	6	5.3	0.8	436	196	240	8	172	929	743	7	0.02	1.3	3.3	0.5	46	3.6	...	...	--	BDL	0.008	0.003	0.003	--	0.013	0.138	--	0.017	
95	1517	Bore well at Mamidatapadu village, Kurnool Dist.	Kurnool	Kurnool	NWMP	Half-Yearly	17.10.2020	10:00 AM	Clear	> 100 cms	Others	None	Clear	None	...	22°C	3.3	7.5	5860	0.7	6.1	0.51	BDL	BDL	...	...	0.2	BDL	280	920	5	4.8	1.1	500	280	220	1019	996	3517	2813	5	0.06	2.6	4.9	1.9	81	19.4	...	...	--	BDL	0.007	0.002	0.004	--	0.054	0.163	--	0.017	
96	1518	Bore well samle collected at M/s Lakshmi Narasimha Oil Mill, near kundur river, Kurnool Dist.	Kurnool	Kurnool	NWMP	Half-Yearly	12.10.2020	9:30 AM	Cloudy	> 100 cms	Others	None	Clear	None	...	20°C	3.4	7.2	4820	1.0	1.6	0.23	BDL	BDL	...	...	0.5	BDL	592	695	8	5.6	1.1	1110	560	550	740	574	2896	2316	6	0.02	2.2	2.9	1.0	53	7.5	...	...	--	BDL	0.006	0.025	0.003	--	0.066	0.592	--	0.212	
97	1519	Bore-well sample collected at Nagari, Chittoor Dist.	Chittoor	Tirupathi	NWMP	Half-Yearly	05.10.2020	8:45 AM	Clear	> 100 cms	Others	None	Clear	None	...	26°C	3.6	6.9	1620	1.2	3.9	0.42	BDL	BDL	...	...	0.8	BDL	432	238	8	5.0	1.4	308	204	104	20	208	973	778	4	0.8	1.8	40.0	0.5	56	5.2	...	...	--	BDL	0.014	0.014	0.004	--	0.02	0.401	--	0.023	
98	1520	Bore well sample collected adjacent to Swarnamukhi River, Srialahasti, Chittoor Dist.	Chittoor	Tirupathi	NWMP	Half-Yearly	07.10.2020	17:10 PM	Clear	> 100 cms	Others	None	Clear	None	...	26°C	4.3	6.8	1310	0.8	4.8	0.37	BDL	BDL	...	...	0.5	BDL	312	186	5	3.1	0.6	324	148	176	54	135	784	627	6	0.03	1.1	28.0	0.5	45	3.3	...	...	--	BDL	0.011	0.004	0.003	--	0.052	0.134	--	0.017	
99	4395	Bore well samle collected at APIIC Office, IE, AtpAnantapur Dist	Anantapur	Anantapur	NWMP	Half-Yearly	19.10.2020	8:40 AM	Clear	> 100 cms	Others	None	Clear	None	...	25°C	3.2	6.6	3650	0.8	4.2	0.31	BDL	BDL	...	...	0.3	BDL	364	720	8	4.2	0.8	970	510	460	347	366	2189	1751	5	0.03	1.3	3.8	1.4	45	5.1	...	...	--	0.001	0.007	0.002	0.002	--	0.068	0.454	--	0.115	
100	4394	Bore well samle collected at APIIC Office, Thumukunta, Hindupur, Anantapur Dist.	Anantapur	Anantapur	NWMP	Half-Yearly	06.10.2020	9:30 AM	Clear	> 100 cms	Others	None	Clear	None	...	25°C	3.4	6.8	3080	1.2	7.7	0.17	BDL	BDL	...	...	0.4	BDL	380	566	9	4.5	0.6	852	468	384	297	310	1849	1479	3	0.02	1.7	2.8	1.2	44	4.6	...	...	--	0.001	0.041	0.01	0.014	--	0.236	0.372	--	0.034	
101	4393	Bore well samle collected at Ukayapalli, Kadapa Dist.	Kadapa	Kadapa	NWMP	Half-Yearly	12.10.2020	09:57 AM	Clear	> 100 cms	Others	None	Clear	None	...	26°C	3.1	7.3	2970	1.0	13.1	0.49	BDL	BDL	...	...	0.8	BDL	448	548	7	8.1	1.4	378	110	268	170	492	1783	426	3	0.05	3.6	3.3	0.7	74	11.1	...	...	--	BDL	0.007	0.005	0.002	--	0.048	0.174	--	0.062	