

GOVERNMENT OF ANDHRA PRADESH

DIRECTORATE OF INSTITUTE OF PREVENTIVE MEDICINE, PH LABS, FOOD (HEALTH) ADMIN, NARAYANAGUDA, HYDERABAD.

REPORT OF BACTERIOLOGICAL ANALYSIS OF WATER SAMPLES OF HMWS & SB (SAMPLES COLLECTED DURING MONITORING) April - 2014.

Sl. No.	Date of Collection	Lab Ref No.	Source	Exact Location	Residual Chlorine mg/l	MPN index of coliform Bacteria per 100 ml	Nature of coliform Bacteria isolated	MPN of E.coli	Remarks	Resampling result of unsatisfactory points					
										Date of Collection	Lab Ref No.	Residual Chlorine mg/l	MPN index of coliform Bacteria per 100 ml	Nature of coliform Bacteria isolated	Remarks
1	01/04/14	983	Metro	Outlet tap water Red Hills	1.0	Nil	....	...	Satisfactory	....	....	....	....	...	....
2	01/04/14	985	Metro	PSP at 11-4-593, Bazarghat	1.0	Nil	....	...	Satisfactory	....	....	....	....	....	....
3	01/04/14	987	Metro	Tap at 10-3-304/A/B/1 Asif Nagar	1.0	Nil	....	...	Satisfactory	....	....	....	....	....	....
4	01/04/14	988	Metro	Outlet tap at Asif Nagar S/R Filter beds	1.0	Nil	....	...	Satisfactory	....	....	....	....	....	....
5	01/04/14	990	Metro	Outlet tap at Chintal Basti Section	1.0	Nil	....	...	Satisfactory	....	....	....	....	....	....
6	01/04/14	991	Metro	PSP at H.No : 10-1-326 Chintal Basti	1.0	Nil	....	...	Satisfactory	....	....	....	....	....	....
7	01/04/14	993	Metro	Tanker Filling Point (Outlet) 1 MG S/R Mir Alam Filter Beds Mixed with Himayath Sagar + Krishna	0.2	Nil	....	...	Satisfactory	....	....	....	....	....	....
8	01/04/14	994	Metro	Inlet water (Krishna treated water) before entering into S/R	0.1	Nil	....	...	Satisfactory	....	....	....	....	....	....
9	01/04/14	996	Metro	Tanker Filling Point (Outlet) from Misrigunj S/R	Nil	Nil	....	...	Satisfactory	....	....	....	....	....	....
10	01/04/14	998	Metro	PSP opp 20-3-322 Harikaman, Hussaini Alam	2.0	Nil	....	...	Satisfactory	....	....	....	....	....	....
11	01/04/14	1000	Metro	PSP opp 21-6-793 Mitti ka road , Mosabowli	2.0	Nil	....	...	Satisfactory	....	....	....	....	....	....
12	02/04/14	1001	Metro	House tap at 23-5-434/2, Shah Ali banda Hyd	2.0	Nil	....	...	Satisfactory	....	....	....	....	....	....
13	02/04/14	1003	Metro	PSP at outside at Aliabad Reservoir	2.0	≥1609	....	Nil	Unsatisfactory	8/5/2014	1378	2.0	Nil	....	Satisfactory

Sl. No.	Date of Collection	Lab Ref No.	Source	Exact Location	Residual Chlorine mg/l	MPN index of coliform Bacteria per 100 ml	Nature of coliform Bacteria isolated	MPN of E.coli	Remarks	Resampling result of unsatisfactory points					
										Date of Collection	Lab Ref No.	Residual Chlorine mg/l	MPN index of coliform Bacteria per 100 ml	Nature of coliform Bacteria isolated	Remarks
109	19/4/14	1169	Metro	House tap pit 8-1-338/A/1/22 at BJR Nagar Banjara Hills	0.5	Nil	....	....	Satisfactory	....	....	....	....	....	....
110	19/4/14	1171	Metro	Tanker Filling Point -1 at Banjara Hills S/R	1.5	Nil	....	....	Satisfactory	....	....	....	....	....	....
111	19/4/14	1172	Metro	PSP outside at Boggulakunta Reservoir	1.0	Nil	....	....	Satisfactory	....	....	....	....	....	....
112	19/4/14	1174	Metro	House tap D.No: 4-1-223 at Troop Bazar	0.5	Nil	....	....	Satisfactory	....	....	....	....	....	....
113	19/4/14	1176	Metro	PSP H.No: 4-1-42 at Hanuman Tekidi Abids	1.0	Nil	....	....	Satisfactory	....	....	....	....	....	....
114	19/4/14	1178	Metro	PSP at 4-4-825 at Konda Swamy Lane Sultan Bazar	2.0	Nil	....	....	Satisfactory	....	....	....	....	....	....
115	21/4/14	1179	Metro	PSP at 6-6-241/50/A Gangidi Yella Reddy compound slum, Sec-bad	1.0	Nil	....	....	Satisfactory	....	....	....	....	....	....
116	21/4/14	1181	Metro	House tap at 1-2-565 Mothilal Nehru slum , Domalguda	1.0	Nil	....	....	Satisfactory	....	....	....	....	....	....
117	21/4/14	1183	Metro	PSP at H.No: 1-6-212/74 Vinoba Colony slum Ram Nagar	1.0	Nil	....	....	Satisfactory	....	....	....	....	....	....
118	21/4/14	1185	Metro	House tap at 1-6-212/H/4 Vinoba Colony slum Ram Nagar	1.0	Nil	....	....	Satisfactory	....	....	....	....	....	....
119	21/4/14	1187	Metro	PSP outlet at Gandhinagar Section	1.0	Nil	....	....	Satisfactory	....	....	....	....	....	....
120	22/4/14	1189	Metro	House tap 3-4-104/C at Street No 8, Habsiguda	1.5	Nil	....	....	Satisfactory	....	....	....	....	....	....
121	22/4/14	1191	Metro	House tap 1-6-67 at Gandhi Girijan ,Habsiguda	1.0	210	....	Nil	Unsatisfactory	27-5-14	1610	0.2	Nil	....	Satisfactory

Abstract (first sampling)		Result of Resampling of unsatisfactory samples	BACTERIOLOGICAL STANDARDS OF DRINKING WATER	
Total No. of samples tested for Residual Chlorine in water samples	1212	.....	• Untreated water	Faecal coliforms should be Zero (0) Coliform organism in any one sample should not be more than 10 per 100ml,
Total No. of samples found Residual Chlorine satisfactory	1195	....	
Total No. of samples found Residual Chlorine Nil	17	....	• Treated water	Faecal coliforms should be Zero (0) Coliform organism in any one sample should not be more than 4 per 100ml,
Total No. of Samples Collected and tested for Bacteriological quality	177	24		
No. of Samples Bacteriologically found satisfactory	152	21	• Un piped Supplies	Coliform organisms should not be more than 10 per 100 ml, Faecal coliforms should be Zero (0)
No. of Samples Bacteriologically found unsatisfactory	25	3		
Testing under process		....	• Emergency supplies	Coliform Organismsshould not be more than 10 per 100 ml, Faecal coliforms should be Zero (0) No Sample should contain E.coli in 100ml.
To be resampled		1 no To be resampled		

