

**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) March - 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	01/03/14	640	Metro	Tap inside at Beerappagadda Section	2.0	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
2	01/03/14	642	Metro	House Tap at D.No: 2-1-129/5 Vijayapuri Colony, Uppal	1.5	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
3	01/03/14	643	Metro	House tap at D.No; 2-20-4/18/A at Sairamnagar , Uppal	1.5	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
4	01/03/14	645	Metro	House tap at D.No: 2-20-5/3/10/A at Sairamnagar , Uppal	1.5	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
5	01/03/14	647	Metro	House tap at D.No: 2-20-4 at Adarshnagar , Uppal	1.5	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
6	01/03/14	649	Metro	House tap at D.No: 2-20-45/4/A at Chilkanagar , Uppal	1.5	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
7	01/03/14	651	Metro	Tap inside at Elugutta Reservoir	0.2	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
8	01/03/14	653	Metro	House tap at D.No: 2-2-185/24/92 at Mallikarjuna Nagar Bagh Amberpet	1.0	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
9	01/03/14	654	Metro	House Tap at H.No: 16-9-750/4 Ajantha Colony, Race course road, old Malakpet	1.0	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
10	01/03/14	656	Metro	House tap at H.No: 6-9-750/12, Ajantha Colony, Race course road Malakpet	1.0	23	....	Nil	Unsatisfactory	12/5/2014	1421	1.0	23	....	Unsatisfactory
11	01/03/14	657	Metro	PSP at 16-9-406/A/34 wahednagar , old malakpet	1.0	≥1609	....	Nil	Unsatisfactory	During visit no supply					
12	01/03/14	659	Metro	PSP at 16-9-406/A/63/2 Wahednagar , Old Malakpet	1.0	≥1609	....	Nil	Unsatisfactory						
13	01/03/14	661	Metro	Pit tap at 16-9-408/A/84, Old Wahednagar, Malakpet	1.0	≥1609	....	Nil	Unsatisfactory						







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										Date of Collection	Lab Ref No.	Residual Chlorine mg/l	MPN index of coliform Bacteria per 100 ml	Nature of coliform Bacteria isolated	Remarks
55	10/03/14	733	Metro	PSP Outside tap at Vaishalinagar Section Reservoir	1.0	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
56	10/03/14	735	Metro	PSP Outlet at Santoshnagar Vaishalinagar Section Reservoir	1.0	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
57	10/03/14	736	Metro	House tap at 17-1-30/44 Ramchandernagar Santoshnagar, Edi Bazar	1.0	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
58	11/13/14	738	Metro	House tap at 1-9-67 near Agricultura Research Institute Rajendranagar	1.5	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
59	11/13/14	740	Metro	PSP near H.No; 1-2-25, Gandhinagar Statue Lane Budvel	1.5	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
60	11/13/14	741	Metro	Tanker Filling Point at Budvel Filter beds	2.0	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
61	11/13/14	742	Metro	PSP Outside Mailardevpally S/R	1.0	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
62	11/13/14	744	Metro	Multi tap at Padmashalinagar	0.2	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
63	11/13/14	746	Metro	PSP Outside at Boggulakunta Section	1.5	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
64	11/13/14	748	Metro	PSP Outside at Red Hills Section	1.5	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
65	11/13/14	750	Metro	PSP at 6-1-493/5 at Khairatabad	1.5	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
66	11/13/14	752	Metro	House tap at D.No : 6-1-508/36 at PJR Nagar , Khairatabad	1.0	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
67	12/03/14	753	Metro	Inside tap at Erragadda Section	1.0	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
68	12/03/14	755	Metro	House tap at 8-3-168/B/8, Laxminagar	1.0	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....















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150	21/3/14	884	Metro	Tap inside at Misrigunj Reservoir	2.0	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
151	21/3/14	885	Metro	Inside tap at Thattikhana Section	1.0	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
152	21/3/14	887	Metro	Public tap at H.No: 8-2-269/1/391/A Indiranagar Slum , Banjara Hills	1.0	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
153	21/3/14	888	Metro	House tap at 8-2-310/233 Nandinagar Banjara Hills	1.0	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
154	21/3/14	889	Metro	House tap at 8-2-220/10/1/13 Nandinagar Banjara Hills	1.0	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
155	21/3/14	891	Metro	Outlet tap at Borabanda section reservoir	1.0	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
156	21/3/14	892	Metro	House tap at 8-3-169/9/14 Habeeb Fatimanagar Slum Borabanda	1.0	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
157	22/3/14	893	Metro	House tap pit at plot No: 190 Bhagyanagar colony KPHB ,Kukatpally	1.5	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
158	22/3/14	894	Metro	House tap plot No: 426 Shathavahanagar , Kukatpally	Nil	≥1609	....	Nil	Unsatisfactory	15-4-14	1125	Nil	1100	....	Unsatisfactory
159	22/3/14	896	Metro	House tap pit at LIGH APHB 157/1 IV <sup>th</sup> phase	Nil	93	....	Nil	Unsatisfactory	15-4-14	1127	0.1	150	....	Unsatisfactory
160	22/3/14	898	Metro	House tap pit at LIGH APHB 117/1 IV <sup>th</sup> phase KPHB	Nil	1100	....	Nil	Unsatisfactory	15-4-14	1128	0.1	1100	....	Unsatisfactory
161	22/3/14	901	Metro	PSP inside Maredpally S/R Sec-bad	1.5	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
162	22/3/14	903	Metro	PSP at 10-4-A/155 Addagutta Colony Sec-bad	2.0	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....
163	22/3/14	905	Metro	House tap at 10-4-D/52 Addagutta C&d section colony	2.0	Nil	....	....	Satisfactory	.....	.....	.....	.....	....	.....











<b>Abstract Of First sampling</b>		<b>Result of Resampling of unsatisfactory samples</b>	<b>BACTERIOLOGICAL STANDARDS OF DRINKING WATER</b>	
<b>Total No. of samples tested for Residual Chlorine in water samples</b>	<b>1685</b>	.....	• Untreated water	Faecal coliforms should be Zero (0) Coliform organism in any one sample should not be more than 10 per 100ml,
<b>Total No. of samples found Residual Chlorine satisfactory</b>	<b>1675</b>	.....		
<b>Total No. of samples found Residual Chlorine Nil</b>	<b>10</b>	.....	• Treated water	Faecal coliforms should be Zero (0) Coliform organism in any one sample should not be more than 4 per 100ml,
<b>Total No. of Samples Collected and tested for Bacteriological quality</b>	<b>209</b>	<b>8 (3nos resampling not</b>		
<b>No. of Samples Bacteriologically found satisfactory</b>	<b>189</b>	<b>4</b>	• Un piped Supplies	Coliform organisms should not be more than 10 per 100 ml, Faecal coliforms should be Zero (0)
<b>No. of Samples Bacteriologically found unsatisfactory</b>	<b>18</b>	<b>4</b>		
<b>Testing under process</b>		....	• 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.
<b>To be resampled</b>		<b>7</b>		

















































