



Government of the People's Republic of Bangladesh
Office of the Chief Chemist
Department of Public Health Engineering
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Date: 01/08/2013

Lab Memo: 802/2, CC, DPHE, CL, Dhaka.

Physical /Chemical/ Bacteriological Analysis of Water Sample

Sample ID: CEN2013080002	Sample Receiving date: 16/07/2013
Ref. Memo No: 141 & Dated: 14/07/2013	Sample Source: Pipe water system
Sent by: R. N. Paul ,Durable Plastic Ltd. , Middle Badda, Dhaka.	Dist:Dhaka, Upa:Dhaka city corporation-north
Care Taker: WASA Supply, Filter Water - 01	Union:, Vill.: Middle Badda
Sample Collection date: 16/07/2013	Date of Testing: 16/07/2013-01/08/2013

LABORATORY TEST RESULTS:

Sl.#	Water quality parameters	Bangladesh Standard	Concentration present	Unit	Analysis Method	LOQ
1	Arsenic (As)	0.05	0.001	mg/L	AAS	0.001
2	Chloride	150-600	10	mg/L	Titrimetric	-
3	Coliform (Faecal)	0	0	CFU/100 ml	MFM	-
4	Coliform (Total)	0	0	CFU/100 ml	MFM	-
5	Colour	15	0.8	Hazen	Membrane Filter	-
6	Hardness	200-500	78	mg/L	Titrimetric	-
7	Iron (Fe)	0.3-1	<LOQ	mg/L	AAS	0.09
8	Manganese (Mn)	0.1	<LOQ	mg/L	AAS	0.05
9	pH	6.5-8.5	7.3	-	pH Meter	-
10	Total Dissolved Solid (TDS)	1000	107	mg/L	TDS Meter	-
11	Turbidity	10	0.5	NTU	Turbidity Meter	-

Comments: AAS- Atomic Absorption Spectrophotometer, MFM= Membrane Filtration Method, LOQ- Limit of Quantitation.
 Sample was collected & supplied by client.

<p>Test Performed by:</p> <p>1.) Name: Md. Mintu Mian Designation: Sample Analyzer</p> <p>2.) Name: Kanai Lal Das Designation: Sample Analyzer</p> <p align="right"><i>Mintu Mian</i> 01-08-2013 Signature</p> <p align="right"><i>Kanai Lal Das</i> 11/8/13 Sample Analyzer DPHE, Central Laboratory Mohakhali, Dhaka.</p>	<p>Countersigned/Approved by:</p> <p>1.) Name: Md. Abdus Sattar Miah Designation: Chief Chemist</p> <p>2.) Name: Designation:</p> <p align="right"><i>Md. Abdus Sattar Miah</i> Signature</p> <p align="right">Md. Abdus Sattar Miah Chief Chemist DPHE, Central Laboratory Mohakhali, Dhaka.</p>
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