

Test of SONO Filters Installed by BAMWSP-DPHE

PLACE: Gojaria, Munishijang

Results after 3 months of continuous use

Testing Agency : DPHE. Central Laboratory

36-39, Mahakhali C/A, Dhaka-1212

Minimum calculated average yield per filter = 2400 L/month

Dated : 20.03.2006

The following Tubewells were painted red marked by BAMWSP during screening using Hatch Test kit

Testing Agency : Department of public Health Engineering (DPHE).Central Laboratory
36-39, Mahakhali C/A, Dhaka-1212

Testing Agency
SONO, Kushtia.
Method: Anodic
Stripping Voltammetry

Method: Hydride Generation AA Spectroscopy

Sl. No.	Sample Code		Household Code	Tubewell Water				SONO Filter Water				Tubewell Water Arsenic ppb
	Tubewell	SONO Filter		pH	Iron mg/l	Arsenic ppb	Phosphate mg/l	pH	Iron mg/l	Arsenic ppb	Phosphate mg/l	
1	G-TW-1	G-FW-1	G-01	7.2	0.64	23	1.9	7.4	0.08	7	0.12	23
2	G-TW-2	G-FW-2	G-02	7.5	7.56	219	4.42	7.5	0.19	5	0.48	151
3	G-TW-3	G-FW-3	G-03	7.5	5.12	207	3.5	7.5	0.22	4	0.27	221
4	G-TW-4	G-FW-4	G-04	7.3	1.06	18	1.85	7.5	0.08	2	0.06	9
5	G-TW-5	G-FW-5	G-05	7.2	2.33	112	4.24	7.4	0.13	14	0.34	934
6	G-TW-6	G-FW-6	G-06	7.4	7.88	188	3.24	7.5	0.12	8	0.42	8
7	G-TW-7	G-FW-7	G-07	7.1	0.39	16	1.56	7.5	0.07	4	0.06	28
8	G-TW-8	G-FW-8	G-08	7.4	4.28	101	3.08	7.4	0.23	1	0.35	Not done
9	I-TW-1	I-FW-1	I-01	7	8.92	127	2.44	8.1	0.15	11	0.06	156
10	I-TW-2	I-FW-2	I-02	7.2	1.03	108	2.59	7.5	0.14	5	0.27	10
11	I-TW-3	I-FW-3	I-03	7.2	10.9	181	1.45	7.4	0.14	1	0.18	87

This report is compiled from original water quality test report obtain from DPHE. Central Laboratory, Dhaka. Dated :20-03-2006.

12	I-TW-4	I-FW-4	I-04	6.8	1.37	39	1.79	7.3	0.1	2	0.07	279
13	I-TW-5	I-FW-5	I-05	7	11.1	206	2.48	7.5	0.25	10	0.44	6
14	I-TW-6	I-FW-6	I-06	7.1	2.19	28	0.7	7.4	0.09	1	0.08	4
15	I-TW-7	I-FW-7	I-07	7.1	1.98	38	0.77	7.4	0.08	2	0.16	5
16	I-TW-8	I-FW-8	I-08	7.1	7.72	190	2.16	7.5	0.23	8	0.37	54
17	I-TW-9	I-FW-9	I-09	7.1	13.6	166	2.44	7.5	0.27	12	0.59	174
18	V-TW-1	V-FW-1	V-01	7.6	0.49	104	2.3	7.4	0.08	14	0.12	36
19	V-TW-2	V-FW-2	V-02	7.1	0.46	34	1.06	7.5	0.06	3	0.08	4
20	V-TW-3	V-FW-3	V-03	7.2	6.3	116	2.36	7.5	0.17	9	0.24	51
21	V-TW-4	V-FW-4	V-04	7.4	0.99	31	0.72	7.4	0.09	5	0.13	6
22	V-TW-5	V-FW-5	V-05	7.4	0.43	23	0.69	7.4	0.08	2	0.19	112
23	V-TW-6	V-FW-6	V-06	7.2	3.28	135	3.9	7.3	0.16	1	0.25	42
24	V-TW-7	V-FW-7	V-07	7.2	5.85	144	2.67	7.4	0.19	9	0.36	252
25	V-TW-8	V-FW-8	V-08	7.4	3.69	199	4.64	7.5	0.14	4	0.31	19

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