

Average (based on 5 replicas) Water Quality Parameters for the Effluent of Two Industrial Slow Sand Filters

FILTER	Additional Info	Sampled	AGE	TEMP	PH	NTU	DO	DOC	UV	SUVA	COD	PO4	NO3	NO2	NH4	TVB	TVB 13oC	Coliforms	Performance Metric
A	In service	19-Apr-11	393.00	10.60	7.84	0.23	8.54	4.73	0.20	4.29	13.72	0.16	0.08	0.00	0.01	480.00	22.00	2.00	7
A	In service	03-May-11	407.00	12.16	7.79	0.30	9.58	5.00	0.16	3.28	0.37	0.09	0.13	0.00	0.96	6.00	38.00	0.00	9
A	In service	10-May-11	414.00	13.00	7.81	0.22	9.19	5.08	0.18	3.50	5.39	0.24	0.13	0.00	0.01	18.00	34.00	0.20	9
A	In service	17-May-11	421.00	12.16	7.04	0.58	9.01	4.94	0.18	3.64	7.92	6.63	0.11	0.00	3.00	912.00	466.00	0.20	7
A	In service	31-May-11	435.00	12.20	7.96	0.82	8.36	5.08	0.18	3.46	6.13	0.11	0.06	0.00	2.50	35.60	1.60	0.60	7
A	Not in service	14-Jun-11	7.00	14.00	7.38	2.24	8.60	2.90	0.18	6.21	1.25	0.23	0.00	0.00	4.14	200.00	10.60	13.20	6
A	Not in service	21-Jun-11	14.00	14.48	7.12	0.80	9.01	1.81	0.17	9.30	1.62	0.48	0.00	0.00	2.30	134.00	14.00	5.20	6
A	In service	28-Jun-11	21.00	14.30	7.30	0.30	9.02	4.51	0.19	4.23	2.20	0.01	0.00	0.00	0.02	42.00	0.00	5.60	8
A	In service	06-Jul-11	29.00	13.68	6.94	0.26	8.36	5.00	0.20	3.94	11.67	0.04	0.01	0.00	0.02	136.00	2.00	4.40	8
A	In service	12-Jul-11	35.00	14.44	7.00	0.29	8.85	4.92	0.18	3.66	0.31	3.62	0.01	0.00	0.02	36.40	0.80	2.20	7
A	In service	19-Jul-11	42.00	16.50	6.94	0.22	7.92	4.90	0.18	3.71	14.10	0.03	0.04	0.00	0.04	36.40	2.00	3.00	8
A	In service	26-Jul-11	49.00	16.90	7.00	0.28	7.85	5.06	0.21	4.11	1.22	0.02	0.03	0.00	0.02	804.00	74.00	6.00	8
A	In service	24-Aug-11	78.00	16.42	6.90	0.21	7.71	4.45	0.10	2.22	6.06	0.07	0.05	0.00	0.02	544.00	184.00	17.20	9
A	Chlorine added	20-Sep-11	105.00	14.90	7.56	0.47	8.66	1.92	0.11	5.63	3.01	0.03	0.01	0.00	0.03	1290.00	164.00	19.40	8
B	Not in service	10-May-11	7.00	12.88	7.74	0.80	9.42	5.10	0.19	3.71	5.98	0.23	0.18	0.00	0.02	186.00	540.00	366.00	7
B	Not in service	17-May-11	14.00	11.84	6.87	0.83	9.89	4.96	0.19	3.77	8.29	0.12	0.06	0.00	5.03	250.00	76.80	4.40	6
B	Not in service	31-May-11	28.00	12.26	6.19	0.40	9.80	5.00	0.20	4.00	4.60	0.07	0.02	0.00	2.93	25.80	2.40	2.20	7
B	In service	07-Jun-11	35.00	13.06	7.58	0.28	8.92	2.90	0.10	3.52	5.00	0.13	0.02	0.00	0.00	6120.00	90.00	0.20	8
B	In service	14-Jun-11	42.00	12.70	7.22	0.39	9.40	1.81	0.10	5.52	1.41	1.21	0.02	0.01	0.01	960.00	7.60	0.80	8
B	In service	21-Jun-11	49.00	13.48	7.10	0.29	9.22	2.75	0.19	6.72	2.00	0.03	0.02	0.01	0.30	21.90	34.00	9.40	8
B	In service	28-Jun-11	56.00	13.48	7.22	0.20	9.23	4.82	0.20	4.04	2.22	0.02	0.00	0.00	0.03	36.00	0.00	0.80	9
B	In service	06-Jul-11	64.00	13.40	7.00	0.29	9.30	4.97	0.20	4.02	3.20	0.04	0.01	0.02	0.03	172.00	0.00	0.20	9
B	In service	12-Jul-11	70.00	14.10	7.08	0.18	9.95	4.90	0.19	3.84	0.21	1.19	0.00	0.00	0.05	19.60	0.80	0.80	8
B	In service	19-Jul-11	77.00	16.30	7.10	0.18	8.68	4.60	0.18	4.00	8.43	0.35	0.02	0.00	0.04	311.20	5.60	0.40	8
B	In service	26-Jul-11	84.00	16.20	7.10	0.20	8.80	4.70	0.22	4.74	4.07	0.04	0.02	0.00	0.03	2490.00	112.00	0.40	9
B	In service	24-Aug-11	113.00	14.88	7.00	0.14	9.50	5.08	0.10	1.97	5.26	0.02	0.03	0.00	0.03	550.00	276.00	1.40	9
B	Chlorine added	20-Sep-11	140.00	12.94	7.22	0.22	9.84	2.91	0.11	3.81	4.42	0.01	0.01	0.00	0.01	1160.00	226.00	0.80	9
B	Chlorine added	18-Oct-11	168.00	9.48	6.70	0.26	9.77	6.10	0.11	1.80	12.26	0.31	0.06	0.00	0.02	50.00	296.00	1.20	8