

Average (based on 5 replicas) Percentage Removal of various Water Quality Parameters from 2 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
A	In service	19-Apr-11	393	15.87	1.63	80.51	3.07	1.46	-93.33	-95.89	-70.44	32.23	-700.00	66.67	96.15	82.86	97.80	99.78
A	In service	03-May-11	407	1.94	0.64	74.96	4.29	1.96	17.17	15.46	-17.14	29.55	-712.50	100.00	54.91	95.16	97.10	100.00
A	In service	10-May-11	414	-2.36	2.25	85.90	5.35	-0.59	16.04	16.53	-120.8	63.25	-251.35	-200.00	0.00	79.55	98.99	99.05
A	In service	17-May-11	421	3.34	11.89	84.90	1.87	-0.20	18.18	18.35	-67.73	-6738	-224.24	-100.00	-1742	-160.57	-316.07	99.04
A	In service	31-May-11	435	4.54	5.69	37.08	18.80	-1.20	15.38	16.38	32.85	98.09	-500.00	100.00	5.05	32.60	89.60	95.65
A	Not in service	14-Jun-11	7	-3.86	8.44	-151.12	15.47	3.33	7.69	4.51	24.88	94.24	100.00	66.67	-38.00	19.70	90.20	38.89
A	Not in service	21-Jun-11	14	-1.40	2.47	14.68	7.25	5.04	7.69	2.79	10.00	93.92	75.00	100.00	13.09	25.56	61.11	90.15
A	In service	28-Jun-11	21	5.55	-1.11	44.55	9.64	13.39	3.54	-11.32	9.09	23.08	100.00	100.00	45.95	27.59	100.00	78.29
A	In service	06-Jul-11	29	-0.29	3.61	55.92	13.97	2.34	10.45	8.31	-1067	6.98	0.00	20.00	48.65	52.78	66.67	95.10
A	In service	12-Jul-11	35	3.35	4.37	57.40	11.36	5.93	15.09	9.63	5.83	40.00	30.00	100.00	0.00	22.55	90.00	89.22
A	In service	19-Jul-11	42	0.96	2.25	69.21	9.07	2.00	9.00	7.25	-1.22	0.00	-300.00	33.33	-42.86	67.21	87.34	92.19
A	In service	26-Jul-11	49	2.87	1.41	56.21	16.93	17.05	11.86	-6.25	82.89	99.70	-200.00	-33.33	-200.00	-323.16	33.93	92.67
A	In service	24-Aug-11	78	-4.32	3.09	10.64	17.19	-0.68	10.00	10.84	1.46	99.15	-150.00	87.50	-216.67	-312.12	-142.11	59.81
A	Chlorine added	20-Sep-11	105	4.49	-2.16	30.95	5.87	-0.52	2.70	3.21	-1.35	-200.00	100.00	50.00	39.53	-103.47	-30.16	46.41
B	Not in service	10-May-11	7	-2.38	3.25	38.35	3.70	-3.03	15.25	17.74	-206.7	-24.04	-215.79	0.00	-566.67	14.68	9.40	-9.58
B	Not in service	17-May-11	14	3.90	12.93	26.03	-7.90	0.20	16.89	16.72	-86.42	-155.32	-34.04	0.00	-53.77	-14.68	26.15	83.33
B	Not in service	31-May-11	28	2.70	-5.63	58.72	5.75	3.29	7.83	4.70	5.49	66.82	0.00	0.00	8.34	42.90	77.40	79.25
B	In service	07-Jun-11	35	3.55	2.57	65.82	8.63	6.45	15.00	9.14	0.08	96.81	-100.00	100.00	70.00	-1810	-181.00	88.90
B	In service	14-Jun-11	42	7.30	7.20	50.63	7.89	32.96	9.91	-34.39	37.67	78.60	-100.00	22.22	0.00	48.40	52.50	96.12
B	In service	21-Jun-11	49	3.85	-1.72	82.43	4.20	4.97	10.19	5.50	4.76	71.96	-900.00	12.50	67.64	96.26	-100.00	73.74
B	In service	28-Jun-11	56	9.65	0.55	63.96	8.23	2.51	10.96	8.80	5.53	75.90	100.00	75.00	-170.00	85.83	100.00	97.62
B	In service	06-Jul-11	64	-0.30	1.13	52.40	6.74	3.31	9.09	5.98	71.93	36.51	56.52	-300	-160.00	35.82	0.00	99.80
B	In service	12-Jul-11	70	4.21	1.94	73.38	0.50	7.37	11.74	4.71	0.96	28.79	100.00	0.00	-300.00	55.05	86.67	97.35
B	In service	19-Jul-11	77	2.98	0.00	77.03	2.69	8.00	16.36	9.09	15.95	95.14	0.00	0.00	11.36	-313.83	90.11	99.16
B	In service	26-Jul-11	84	4.14	0.00	75.12	9.37	33.80	11.16	-34.21	21.43	42.86	33.33	-33.33	-420.00	-66.00	38.80	98.39
B	In service	24-Aug-11	113	3.63	-2.34	58.62	0.63	-10.20	10.71	17.23	-2.94	96.41	25.00	50.00	-366.67	6.14	-16.95	91.25
B	Chlorine added	20-Sep-11	140	1.37	5.99	86.14	3.72	0.34	5.13	4.80	-33.94	94.82	0.00	100.00	64.52	24.18	64.47	98.43
B	Chlorine added	18-Oct-11	168	-2.82	2.90	24.33	3.93	-162.93	5.17	63.93	-1126	93.98	0.00	0.00	-18.75	85.38	-25.42	50.00