

WATER TREATMENT PLANT LOG WEEK ENDING

07/02/03

	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TOTAL
TIME AM PM	11:30 AM	12:00 PM	9 AM 4 PM	9 AM 4 PM	9 AM 4 PM	9 AM 4 PM	9 AM 4 PM	
PH	6.35	6.97	6.65 6.90	6.76 7.0	7.11 7.09	7.13 7.10	6.82 7.1	6.91
TEMPERATURE	10°C	10°C	10°C 10°C	10°C 10°C	10°C 10°C	10°C 10°C	10°C 10°C	10°C
CHLORINE (TOTAL)	.52	.52	.54 .59	.62 .52	.57 .59	.61 .63	.64 .65	.58
CHLORINE (FREE)	.34	.35	.41 .46	.45 .38	.45 .46	.46 .51	.51 .51	.44
FLUORIDE	.94	.94	.14 1.03	1.00 1.04	1.08 1.03	1.13 1.05	1.08 1.13	1.05
TURBIDITY	.36	.36	.36 .37	.36 .36	.36 .35	.36 .36	.36 .36	.36
LIME FEED RATE	540	540	540 540	540 540	540 540	540 540	540 540	
CHLORINE FLOW RATE	6.3	6.3	6.3 6.3	6.3 6.3	6.3 6.3	6.3 6.3	6.3 6.3	
FLUOR. STROKE/FREQ.	10/12	10/12	10/12 10/12	10/12 10/12	10/12 10/12	10/12 10/12	10/12 10/12	
POT. WATER TEMP.	6.1°C	6.6°C	6.8°C 6.7°C	6.0°C 6.1°C	6.3°C 6.3°C	6.5°C 6.5°C	6.6°C 6.6°C	
RESERVOIR LEVEL (1)	3.80	3.80	3.63 3.49	4.11 3.92	4.07 3.97	3.97 3.81	4.03 3.83	
RESERVOIR LEVEL (2)	2.15	2.16	2.12 1.92	2.47 2.15	2.35 2.32	2.32 2.15	2.30 2.11	
CHLORINE CYL. WEIGHT	242	234	224	222	215	208	202	
LIME BAG ADDED	1	1		1	1	1		4.5x10 ¹⁵
FLUORIDE DRUM CHANGE								
WATER METER CURR. Ltrs.	235	211	236	463	237	233	585	
WATER METER PREV. Ltrs.	234	549	235	851	236	168	237	
CONSUMPTION		652	612	705	683	732	634	4658
INITIALS	BB	BB	BB	BB	BB	BB	BB	
NOTES	BB #1 BB #2 Change Chlorine cylinder	BB #1	BB #1 BB #2 430 min X Valve Open #1-2 Closed 9 PM	BB #1 BB #2 BB #1 BB #2	BB #1 BB #2 BB #1 BB #2	BB #1 BB #2 BB #1 BB #2	BB #1 BB #2 BB #1 BB #2	

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total Cl ₂	Free Cl ₂	Fluoride
Saturday	6.35	10	5.52	3.1	94
Sunday	6.97	10	5.52	3.5	94
Total	6.32	20	1.04	.69	1.88
Monday 1	6.65	10	5.5	.41	1.14
Total 1	19.97	30	1.63	1.1	3.02
Monday 2	6.40	10	5.5	.16	1.03
Total 2	26.87	40	2.22	1.56	4.1
Tuesday 1	6.76	10	6.2	.45	1.0
Total 1	33.63	60	2.84	2.01	5.1
Tuesday 2	7.0	10	3.52	.37	1.04
Total 2	40.63	60	3.36	2.39	6.14
Wednesday 1	7.11	10	5.7	.45	1.08
Total 1	47.74	70	3.93	2.84	7.22
Wednesday 2	7.09	10	5.5	.46	1.03
Total 2	54.83	80	4.52	3.3	8.25
Thursday 1	7.13	10	6.1	.16	1.13
Total 1	61.96	90	5.13	3.26	9.39
Thursday 2	7.10	10	5.63	.51	1.05
Total 2	69.06	100	5.76	4.27	10.43
Friday 1	6.82	10	6.4	.51	1.03
Total 1	75.88	110	6.4	4.78	11.51
Friday 2	7.1	10	6.5	.51	1.13
Total 2	82.98	120	7.05	5.29	12.64
Average	6.91	10	5.8	.44	1.05

	Daily Total
Saturday	6.52
Sunday	6.40
Total Monday	6.12
Total Tuesday	7.05
Total Wednesday	6.83
Total Thursday	7.32
Total Friday	6.34
Total	46.58

Average	6.65
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14/02/03

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total Cl ₂	Free Cl ₂	Fluoride
Saturday	6.75	10	1.64	.50	.97
Sunday	6.69	10	1.67	.53	1.08
Total	13.44	20	1.31	1.03	2.06
Monday 1	6.55	10	.68	.55	1.08
Total 1	19.99	30	1.99	1.58	3.14
Monday 2	7.13	10	.69	.55	1.08
Total 2	27.12	40	2.68	2.13	4.22
Tuesday 1	7.85	10	.67	.52	1.08
Total 1	34.97	50	3.35	2.65	5.3
Tuesday 2	6.72	10.7	.67	.53	.94
Total 2	41.69	60.7	4.02	3.18	6.26
Wednesday 1	6.46	10	.67	.55	1.04
Total 1	48.19	70.7	4.69	3.73	7.3
Wednesday 2	6.24	9.8	.64	.55	1.04
Total 2	54.39	80.5	5.33	4.28	8.34
Thursday 1	6.53	9.6	.49	.44	.91
Total 1	60.92	90.1	0.82	4.72	9.25
Thursday 2	6.29	9.6	.55	.42	.81
Total 2	67.21	99.7	6.37	5.14	10.06
Friday 1	6.67	10	.34	.72	1.17
Total 1	73.88	109.7	7.21	5.86	11.23
Friday 2	6.49	10	.72	.61	1.22
Total 2	80.37	119.7	7.93	6.47	12.45
Average	6.65	9.97	1.66	.54	1.03

	Daily Total
Saturday	62.7
Sunday	68.6
Total Monday	62.2
Total Tuesday	64.5
Total Wednesday	73.5
Total Thursday	69.9
Total Friday	60.9
Total	416.23

Average	660
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WATER TREATMENT PLANT LOG WEEK ENDING 21 02 03

	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TOTAL
TIME AM PM	9 ⁰⁰	9 ⁰⁰	9 ⁰⁰ 4 ^{PM}	9 ³⁰ 4 ^{PM}	9 ⁰⁰ 4 ^{PM}	9 ⁰⁰ 3 ^{PM}	9 ⁰⁰ 4 ^{PM}	
PH	6.80	6.92	7.16 7.13	7.11 7.07	6.56 6.02	7.13 7.05	7.00 6.64	83.39
TEMPERATURE	10°	10°	10° 10°	10° 10°	10° 10°	10° 10°	10° 10°	120
CHLORINE (TOTAL)	5.6	5.8	.58 .62	.84 .70	.38 .38	.49 .52	.47 .48	6.6
CHLORINE (FREE)	4.4	4.5	.47 .49	.71 .56	.26 .26	.37 .39	.34 .37	5.11
FLUORIDE	89	104	104 101	103 113	80 83	93 93	100 97	1202
TURBIDITY	35	36	.35 .35	.35 .36	.35 .34	.35 .34	.35 .35	
LIME FEED RATE	540	540	540 543	543 543	543 543	543 543	543 543	
CHLORINE FLOW RATE	6.3	6.3	6.3 6.3	6.3 6.3	6.3 6.3	6.3 6.3	6.3 6.3	
FLUOR. STROKE/FREQ.	10 12	10 12	10 12 10 12	10 12 10 12	10 12 10 12	10 12 10 12	10 12 10 12	
POT. WATER TEMP.	6.2°	6.4°	6.5° 6.6°	7.2° 6.7°	5.4° 5.3°	5.4° 6.1°	6.1° 6.1°	
RESERVOIR LEVEL (1)	4.29	4.14	3.84 3.59	2.93 3.39	4.01 2.11	2.07 2.21	2.31 2.34	
RESERVOIR LEVEL (2)	2.64	2.41	2.21 1.92	1.52 1.92	2.40 3.74	2.75 3.73	3.90 3.96	
CHLORINE CYL. WEIGHT	149	143	137	130	124	113	112	
LIME BAG ADDED	1	1	1	1	1	1	1	
FLUORIDE DRUM CHANGE	1	1	1	1	1	1	1	
WATER METER CURR. Ltrs.	244 557	245 228	246 023	246 725	247 582	248 307	249 036	
WATER METER PREV. Ltrs.	243 840	244 557	245 222	246 023	246 725	247 582	248 307	
CONSUMPTION	717	715	751	702	857	725	729	5196
INITIALS	BB	BB	BB BB	BB BB	BB BB	BB BB	BB BB	
NOTES	BU #1	BU #2	BU #1 BU #2	BU #1 BU #2 X valves opened & run	BU #1 BU #2 X valves closed & run	BU #1 BU #2	BU #1 BU #2 X valves opened 8 AM closed 4:30 PM	

21/10/10

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total Cl ₂	Free Cl ₂	Fluoride
Saturday	6.80	10	.56	.44	.79
Sunday	6.92	10	.58	.45	1.04
Total	13.72	20	1.14	.89	1.93
Monday 1	7.16	10	.58	.47	1.04
Total 1	20.88	30	1.72	1.36	2.97
Monday 2	7.13	10	.62	.49	1.01
Total 2	28.01	40	2.34	1.85	3.98
Tuesday 1	7.11	10	.84	.71	1.33
Total 1	35.12	50	3.18	2.56	5.31
Tuesday 2	7.07	10	.70	.56	1.13
Total 2	42.19	60	3.88	3.12	6.44
Wednesday 1	6.56	10	.38	.26	.80
Total 1	48.75	70	4.26	3.37	7.24
Wednesday 2	6.72	10	.37	.26	.73
Total 2	55.57	80	4.64	3.64	8.07
Thursday 1	7.13	10	.49	.37	.93
Total 1	62.7	90	5.13	4.01	9.17
Thursday 2	7.05	10	.52	.37	1.0
Total 2	69.75	100	5.65	4.4	10.17
Friday 1	7.0	10	.47	.34	.97
Total 1	76.75	110	6.12	4.74	10.97
Friday 2	6.64	10	.48	.37	1.05
Total 2	83.39	120	6.6	5.11	12.02

Average	6.98	10	.55	.42	1.0
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	Daily Total
Saturday	712
Sunday	715
Total Monday	751
Total Tuesday	702
Total Wednesday	857
Total Thursday	723
Total Friday	729
Total	5196

Average	7412
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Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total CL ₂	Free CL ₂	Fluoride
Saturday	6.74	10	.44	.32	1.0
Sunday	7.16	10	.52	.40	1.03
Total	13.9	20	.96	.72	2.03
Monday 1	7.05	10	.60	.48	1.02
Total 1	21.05	30	1.56	1.2	3.05
Monday 2	7.2	10	.62	.50	1.09
Total 2	21.07	40	2.18	1.7	4.14
Tuesday 1	6.6	10	.38	.26	.84
Total 1	34.67	50	2.56	1.96	4.98
Tuesday 2	6.9	10	.34	.23	.95
Total 2	41.57	60	2.9	2.19	5.93
Wednesday 1	7.16	10	.42	.29	.99
Total 1	48.73	70	3.32	2.46	6.92
Wednesday 2	6.80	10	.47	.34	1.02
Total 2	55.53	80	3.79	2.82	7.94
Thursday 1	6.89	10	.53	.41	1.06
Total 1	62.42	90	4.32	3.23	9.0
Thursday 2	6.95	10	.57	.44	1.09
Total 2	69.37	100	4.89	3.67	10.09
Friday 1	7.17	10	.50	.37	.99
Total 1	76.54	110	5.39	4.04	11.08
Friday 2	6.87	10	.53	.40	1.03
Total 2	83.41	120	5.92	4.44	12.11
Average	6.95	10	.49	.37	1.0

	Daily Total
Saturday	735
Sunday	736
Total Monday	873
Total Tuesday	769
Total Wednesday	914
Total Thursday	734
Total Friday	783
Total	5363

Average	766
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