

WATER TREATMENT PLANT LOG WEEK ENDING 07 03 03

	SATURDAY		SUNDAY		MONDAY		TUESDAY		WEDNESDAY		THURSDAY	FRIDAY		TOTAL
TIME	AM	PM												
PH	7.16		7.22		7.03	7.10	7.00	7.49	7.50	7.31	7.83	7.54	7.86	
TEMPERATURE	10.00		10.00		10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	
CHLORINE (TOTAL)	0.0		0.08		0.52	0.57	0.61	0.57	0.54	0.58	0.58	0.61	0.60	
CHLORINE (FREE)	4.6		0.54		0.38	0.42	0.47	0.45	0.43	0.45	0.44	0.42	0.44	
FLUORIDE	1.08		1.02		0.87	0.97	1.03	0.93	1.04	1.06	0.96	0.98	1.04	
TURBIDITY	0.37		0.37		0.40	0.37	0.37	0.37	0.44	0.39	0.37	0.38	0.40	
LIME FEED RATE	547		547		547	547	547	547	547	547	547	547	547	
CHLORINE FLOW RATE	6.5		6.5		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	
POT. WATER TEMP.	6.42		6.60		6.10	6.35	6.55	6.50	6.40	6.3	6.4	6.6	6.7	
RESERVOIR LEVEL (1)	2.44		2.30		2.48	2.03	2.38	2.05	2.36	2.04	2.39	2.41	2.13	
RESERVOIR LEVEL (2)	4.10		3.90		4.12	3.77	4.00	3.77	4.03	3.72	4.03	4.05	3.77	
CHLORINE CYL. WEIGHT	201		194		187		181		174		168	162		
LIME BAG ADDED	1				1		1		1/2		3/4			
FLUORIDE DRUM CHANGE	/		/		1		/		/		/			
WATER METER CURR. Ltrs.	255	168	255	900	256	624	257	335	257	963	258	259	104	
WATER METER PREV. Ltrs.	254	399	255	168	255	900	256	624	257	335	257	259	576	
CONSUMPTION		769		732		729		700		628		613	528	
INITIALS	BB		BB		BB	BB	BB	PW	PW	PW	PW	PW	PW	
NOTES	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)	

1.000 ppm
pH 7.1
Test Temp 7.6 °C

Water Treatment Plant Weekly Tests

	PH	Temp C	Total Ca	Free Cl ₂	Fluoride
Saturday	7.16	10.0	1.00	1.26	1.08
Sunday	7.22	10.0	1.08	1.54	1.02
Total	14.38		2.08	1.80	2.10
Monday 1	7.03	10.00	1.53	1.38	1.97
Total	21.41		1.80	1.38	2.97
Monday 2	7.10	10.00	1.57	1.42	2.17
Total	28.51		2.37	1.80	3.24
Tuesday 1	7.60	10.00	1.61	1.97	1.93
Total	35.51		2.98	2.27	4.97
Tuesday 2	7.48	10.00	1.57	1.48	1.93
Total	42.99		3.55	2.75	5.80
Wednesday 1	7.51	10.00	1.54	1.43	1.14
Total	50.44		4.08	3.18	7.08
Wednesday 2	7.31	10.00	1.58	1.45	1.66
Total	77.8		5.67	3.63	8.74
Thursday 1	7.83	10.00	1.55	1.44	1.96
Total	85.67		6.63	5.07	10.70
Thursday 2	7.54	10.00	1.61	1.42	1.98
Total	93.17		8.24	6.49	12.68
Friday 1	7.86	10.00	1.60	1.45	1.64
Total	101.03		9.84	7.94	14.32
Average	7.36	10.00	5.8	4.4	6.01

	Daily Total
Saturday	764
Sunday	732
Total Monday	1501
Total Tuesday	754
Total Wednesday	2230
Total Thursday	786
Total Friday	2036
Total	128
Total	3584
Total	4133
Total	4177
Total	528
Total	4705

Average 4.10

WATER TREATMENT PLANT LOG WEEK ENDING

121 / 03 / 03

	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TOTAL
TIME AM PM	9 AM	9 AM	9:30 AM 2 PM	9 AM 3:30 PM	10 AM 4 PM	9 AM 3:30 PM	9 AM 4 PM	
PH	7.61	7.59	7.53 7.99	7.61 7.76	7.35 7.11	7.30 7.37	7.07 6.75	7.47
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)	.53	.67	.53 .55	.50 .53	.54 .54	.57 .56	.73 .70	.53
CHLORINE (FREE)	.41	.53	.41 .43	.38 .42	.42 .42	.44 .46	.56 .55	.46
FLUORIDE	.94	.90	.89 .91	.85 .90	.80 .85	.80 .91	1.03 .97	.91
TURBIDITY	.38	.39	.42 .44	.42 .34	.41 .34	.38 .41	.38 .33	
LIME FEED RATE	547	547	547 547	547 547	547 547	547 547	547 547	
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.	1/2	1/2	1/2 1/2	1/2 1/2	1/2 1/2	1/2 1/2	10/12 10/12	
POT. WATER TEMP.	6.7	6.6	5.9 5.9	6.1 6.3	6.4 6.4	6.6 6.6	6.7°C 6.8°C	
RESERVOIR LEVEL (1)	2.27	2.45	2.41 2.24	2.54 2.23	2.36 2.11	2.35 2.01	2.16 1.92	
RESERVOIR LEVEL (2)	3.96	4.01	3.98 4.01	4.1 3.87	4.01 3.75	3.48 3.68	3.8 3.56	
CHLORINE CYL. WEIGHT	192	146	141	135	129	123	116	
LIME BAG ADDED	/	1/2	1/2	1/2	1	1	1	2.5 x 50
FLUORIDE DRUM CHANGE	/	/	/	/	/	/	/	1
WATER METER CURR. Ltrs.	259	645	260 743	261 150	261 743	262 193	262 722	
WATER METER PREV. Ltrs.	259	104	260 197	260 743	261 150	261 743	262 193	
CONSUMPTION		541	546	407	593	450	579	2668
INITIALS	PJ	PJ	PJ PJ	PJ PJ	PJ PJ	PJ PJ	PJ PJ	
NOTES	BWD	BWD	BWD BWD	BWD BWD	BWD BWD	BWD BWD	BWD BWD	

Water Treatment Plant Weekly Tests

	PH	Temp C	Total Ca	Free Cl ₂	Fluoride
Saturday	7.61	10	.53	.41	94
Sunday	7.59	10	.67	.53	90
Total	15.2	20	1.2	.94	184
Monday 1	7.52	10	.53	.41	99
Total	22.73	30	1.73	1.35	2.73
Monday 2	7.49	10	.55	.43	91
Total 2	30.22	40	2.28	1.78	3.64
Tuesday 1	7.61	10	.50	.38	95
Total 1	37.83	50	2.78	2.16	4.49
Tuesday 2	7.70	10	.53	.41	90
Total 2	45.53	60	3.31	2.57	5.39
Wednesday	7.35	10	.54	.42	80
Total 1	52.88	70	3.85	2.99	6.19
Wed 2	7.11	10	.58	.48	85
Total 2	59.99	80	4.43	3.47	7.04
Thursday 1	7.5	10	.57	.49	100
Total 1	67.49	90	5	3.96	8.04
Thur 2	7.37	10	.56	.46	91
Total 2	74.86	100	5.56	4.42	8.95
Friday 1	7.07	10	.73	.56	103
Total 1	81.93	110	6.29	4.98	9.98
Fr 2	7.85	10	.70	.55	97
Total 2	89.68	120	6.99	5.53	10.95
	÷ 12	÷ 12	÷ 12	÷ 12	÷ 12
Average	7.47	10°C	.58	.46	.91

	Daily Total
Saturday	552
Sunday	1093
Total Monday	546
Total Tuesday	1639
Total Wednesday	407
Total Thursday	2046
Total Friday	593
Total	2639
	450
	3089
	579
	3668

Average 524

624

	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TOTAL
TIME AM PM	9 AM	10 AM	9 AM 4 PM	9 AM 4 PM	9 AM 4 PM	9 AM 4 PM	9 AM 4 PM	
PH	7.05	6.96	7.01 6.66	6.5 6.54	7.01 7.09	6.85 6.55	6.82 6.68	81.62
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	110
CHLORINE (TOTAL)	.7	.65	.68 .66	.50 .50	.45 .48	.54 .56	.57 .59	6.85
CHLORINE (FREE)	.55	.51	.55 .54	.38 .37	.35 .36	.41 .43	.45 .46	5.34
FLUORIDE	1.05	.97	1.07 .96	1.02 .95	1.02 1.00	1.00 .98	1.04 1.01	12.07
TURBIDITY	.38	.38	.38 .37	.36 .38	.36 .37	.36 .37	.37 .36	
LIME FEED RATE	547	548	547 549	548 548	548 548	548 548	548 548	
CHLORINE FLOW RATE	6.0	6.0	6 6	6 6	6 6	6 6	6 6	
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.	6.8°C	6.8°C	6.9°C 6.8°C	6.2°C 6.1°C	6.1°C 6.3°C	6.5°C 6.6°C	6.9°C 6.8°C	
RESERVOIR LEVEL (1)	2.19	2.07	1.77 1.75	2.31 2.41	2.51 2.21	2.44 2.18	2.29 2.11	
RESERVOIR LEVEL (2)	3.81	3.72	3.42 3.46	3.87 3.97	4.13 3.87	4.06 3.81	3.93 3.77	
CHLORINE CYL. WEIGHT	109	103	96	99	238	223	217	
LIME BAG ADDED	/	1	/	1	1	1	1	
FLUORIDE DRUM CHANGE	/	/	/	/	/	/	/	
WATER METER CURR. Ltrs.	263	263	264 575	265 230	265 852	266 362	266 984	
WATER METER PREV. Ltrs.	262	263	263 927	264 575	265 230	265 552	266 362	
CONSUMPTION	589	566	648	655	622	810	422	4512
INITIALS	B.B.	B.B.	B.B. B.B.	B.B. B.B.	B.B. B.B.	B.B. B.B.	B.B. B.B.	
NOTES	B.W.#①	B.W.#②	B.W.#① B.W.#②	B.W.#① B.W.#②	B.W.#① B.W.#②	B.W.#① B.W.#②	B.W.#① B.W.#②	
			X valve open 8 AM Close & 10 PM	X valve open 8 AM Close & 5 PM New C12 238 LB				

21/03/03

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total Cl ₂	Free Cl ₂	Fluoride
Saturday	7.35	10	6.7	5.3	1.05
Sunday	6.86	10	6.5	5.1	.47
Total	13.91	20	13.2	10.4	2.02
Monday 1	7.01	10	6.8	5.5	1.07
Total 1	7.092	32	7.0	1.59	3.09
Monday 2	6.66	10	6.6	5.4	.96
Total 2	7.758	40	2.66	2.13	4.05
Tuesday 1	6.5	10	.50	38	1.02
Total 1	34.08	50	3.16	2.57	5.07
Tuesday 2	6.54	10	.50	.37	.95
Total 2	40.62	60	3.66	2.88	6.02
Wednesday 1	7.01	10	4.5	3.5	1.02
Total 1	47.63	70	4.11	3.23	7.04
Wednesday 2	7.09	10	.48	.36	.00
Total 2	54.72	80	4.59	3.59	8.04
Thursday 1	6.95	10	.54	.41	1.00
Total 1	61.57	90	5.13	4.	9.04
Thursday 2	6.55	10	.56	.43	.98
Total 2	68.12	100	5.69	4.43	10.02
Friday 1	6.82	10	.57	.45	1.04
Total 1	74.94	110	6.26	4.88	11.06
Friday 2	6.68	10	.59	.46	1.01
Total 2	81.62	120	6.85	5.34	12.07

Average	6.80	10	.57	.44	1
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	Daily Total
Saturday	5.89
Sunday	5.66
Total Monday	6.48
Total Tuesday	6.55
Total Wednesday	6.22
Total Thursday	8.10
Total Friday	6.22
Total	45.12

Average	6.44
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WATER TREATMENT PLANT LOG WEEK ENDING 28 03 03

	SATURDAY		SUNDAY		MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		TOTAL
TIME	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	
PH	9 AM		11 AM		9 AM	4 PM	9 AM	4 PM	9 AM	4 PM	9 AM	4 PM	9 AM	4 PM	80.21
TEMPERATURE	6.62		6.79		6.75	6.68	6.77	6.81	6.66	6.6	6.53	6.70	6.79	6.91	
CHLORINE (TOTAL)	1.00		1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	12.0
CHLORINE (FREE)	.59		.63		.67	.68	.53	.78	.49	.51	.52	.53	.52	.56	6.71
FLUORIDE	.41		.49		.52	.54	.39	.35	.36	.35	.39	.40	.39	.43	5.33
TURBIDITY	1.08		1.09		.99	1.04	.90	.91	1.00	1.01	1.06	1.13	1.10	1.03	12.34
LIME FEED RATE	.37		.17		.37	.37	.37	.37	.37	.36	.37	.37	.37	.37	
CHLORINE FLOW RATE	548		548		548	548	548	548	548	548	550	550	550	550	
FLUOR. STROKE/FREQ.	6		6		6	6	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	
POT. WATER TEMP.	10/12		10/12		10/12	10/12	10/12	10/12	10/12	10/12	10/12	10/12	10/12	10/12	
RESERVOIR LEVEL (1)	6.90		6.90		6.80	6.90	6.50	6.50	6.60	6.70	6.70	6.90	7.00	6.90	
RESERVOIR LEVEL (2)	1.116		2.09		2.03	1.66	2.40	2.16	2.36	2.03	2.27	1.95	2.18	2.10	
CHLORINE CYL. WEIGHT	11.10		3.79		3.66	3.31	4.11	3.85	4.02	3.73	3.92	3.66	3.81	3.69	
LIME BAG ADDED	211		204		199		192		186		180		174		
FLUORIDE DRUM CHANGE															
WATER METER CURR. Ltrs.	267	468	268	199	267	651	269	272	269	834	270	388	270	972	
WATER METER PREV. Ltrs.	266	984	267	4167	268	199	268	651	269	272	269	834	270	388	
CONSUMPTION		484		731		452		621		562		554		584	3978
INITIALS	BB		BB		BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	
NOTES	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	
					X Valve Open 4 PM #1		X Valve Closed 8 AM								

157

28/03/23

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total Cl ₂	Free Cl ₂	Fluoride
Saturday	6.22	10	.59	.45	1.08
Sunday	6.79	10	.63	.49	1.09
Total	13.01	20	1.22	.94	2.17
Monday 1	6.75	10	.67	.52	.99
Total 1	19.76	30	1.89	1.46	3.16
Monday 2	6.83	10	.68	.54	1.04
Total 2	26.04	40	2.57	2	4.2
Tuesday 1	6.77	10	.53	.39	.90
Total 1	33.21	50	3.1	2.39	5.1
Tuesday 2	6.81	10	.48	.35	.91
Total 2	40.02	60	3.59	2.74	6.01
Wednesday 1	6.66	10	.49	.36	1.0
Total 1	46.63	70	4.07	3.34	7.01
Wednesday 2	6.6	10	.51	.38	1.01
Total 2	53.29	80	4.89	3.72	8.02
Thursday 1	6.53	10	.52	.39	1.06
Total 1	59.81	90	5.1	4.11	9.08
Thursday 2	6.7	10	.53	.40	1.13
Total 2	66.51	100	5.63	4.51	10.21
Friday 1	6.79	10	.58	.39	1.1
Total 1	73.3	110	6.15	4.9	11.31
Friday 2	6.41	10	.56	.43	1.03
Total 2	80.41	120	6.71	5.33	12.34

Average	6.68	10	.56	.44	1.02
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	Daily Total
Saturday	484
Sunday	731
Total Monday	412
Total Tuesday	621
Total Wednesday	562
Total Thursday	554
Total Friday	584
Total	5988

Average	569
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WATER TREATMENT PLANT LOG WEEK ENDING

31/03/03

	TIME	AM	PM	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TOTAL
PH				1 ^{PM}	9 ^{AM}	4 ^{PM}					
TEMPERATURE				6.99	7.10	6.91	6.35				
CHLORINE (TOTAL)				10°	10°	10°	10°				
CHLORINE (FREE)				.52	.51	.54	.54				
FLUORIDE				.42	.39	.44	.42				
TURBIDITY				1.11	1.14	1.12	.34				
LIME FEED RATE				.36	.37	.37	.36				
CHLORINE FLOW RATE				.550	.550	.550	.550				
FLUOR. STROKE/FREQ.				.58	.58	.58	.58				
POT. WATER TEMP.				10/12	10/12	10/12	10/12				
RESERVOIR LEVEL (1)				6.90°	7.10°	7.10°	7.10°				
RESERVOIR LEVEL (2)				2.09	2.31	2.06	1.91				
CHLORINE CYL. WEIGHT				3.77	3.99	3.62	3.53				
LIME BAG ADDED				167	162	157					
FLUORIDE DRUM CHANGE						1					
WATER METER CURR. Ltrs.				271	659	272	755				
WATER METER PREV. Ltrs.				270	922	271	659				
CONSUMPTION				687	412	212	071				
INITIALS				BB	BB	BB	BB				
NOTES				BL #①	BL #②	BL #① BL #② X Valve opened 3pm 2pm closed					

31/03/03

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total Cl ₂	Free Cl ₂	Fluoride
Saturday	7.45	10	1.52	.42	1.11
Sunday	7.10	10	1.51	.39	1.14
Total	14.09	20	3.03	.81	2.25
Monday 1	6.91	10	1.54	.44	1.12
Total 1	21	30	1.57	1.25	3.37
Monday 2	6.85	10	1.54	.42	.94
Total 2	27.85	40	2.11	1.67	4.31
Tuesday 1					
Total 1					
Tuesday 2					
Total 2					
Wednesday 1					
Total 1					
Wednesday 2					
Total 2					
Thursday 1					
Total 1					
Thursday 2					
Total 2					
Friday 1					
Total 1					
Friday 2					
Total 2	27.85	40	2.11	1.67	4.31

Average	6.96	10	1.52	.41	1.07
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	Daily Total
Saturday	6.87
Sunday	4.12
Total Monday	6.84
Total Tuesday	
Total Wednesday	
Total Thursday	
Total Friday	
Total	17.83

Average	5.94
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