

WATER TREATMENT PLANT LOG WEEK ENDING 04/04/03

		SATURDAY	SUNDAY	MONDAY	TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		TOTAL
TIME	AM PM				9 AM	4 PM	9 AM	4 PM	9 AM	4 PM	9 AM	4 PM	
PH					7.01	6.38	7.10	7.09	6.94	6.76	6.97	7.02	55.77
TEMPERATURE					10°	10°	10°	10°	10°	10°	10°	10°	80
CHLORINE (TOTAL)					.52	.52	.45	.48	.43	.47	.56	.59	
CHLORINE (FREE)					.39	.39	.32	.36	.31	.36	.43	.46	
FLUORIDE					.97	1.06	1.15	1.21	1.02	1.18	1.20	1.27	
TURBIDITY					.37	.37	.37	.36	.36	.36	.36	.36	
LIME FEED RATE					.550	.550	.550	.550	.550	.550	.550	.550	
CHLORINE FLOW RATE					5.8	5.8	5.8	6.0	6.0	6.0	6.0	6.0	
FLUOR. STROKE/FREQ.					10/13	10/13	10/13	10/13	10/13	10/13	10/13	10/13	
POT. WATER TEMP.					69°	7°c	6.7°c	6.7°c	6.4	6.5°c	6.7°c	6.8°c	
RESERVOIR LEVEL (1)					1.97	1.72	2.19	2.19	2.53	2.29	2.34	1.94	
RESERVOIR LEVEL (2)					362	3.34	3.76	3.80	4.17	2.92	3.99	3.64	
CHLORINE CYL. WEIGHT					151		145		139		133		
LIME BAG ADDED						1			1				
FLUORIDE DRUM CHANGE					1								
WATER METER CURR. Ltrs.					273	337	273	897	274	413	274	994	
WATER METER PREV. Ltrs.					272	755	273	337	273	897	274	413	
CONSUMPTION						582		560		516		581	
INITIALS					BB	BB	BB	BB	BB	BB	BB	BB	
NOTES					BU #①	BU #①	BU #①	BU #①	BU #①	BU #①	BU #①	BU #①	
					BU #②	BU #②	BU #②	BU #②	BU #②	BU #②	BU #②	BU #②	
					X Valve opened 3:30 PM Close 10 PM	X Valve opened 8 AM Close 4:30 PM							

04/04/03

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total CL ₂	Free CL ₂	Fluoride
Saturday					
Sunday					
Total					
Monday 1					
Total 1					
Monday 2					
Total 2					
Tuesday 1	7.01	10	.52	.38	.57
Total 1		10			
Tuesday 2	6.87	10	.52	.39	1.06
Total 2	13.89	20	1.04	.78	2.03
Wednesday 1	7.10	10	.45	.32	1.15
Total 1	20.99	30	1.49	1.1	3.18
Wednesday 2	7.09	10	.53	.36	1.21
Total 2	28.08	40	1.97	1.46	4.39
Thursday 1	6.94	10	.43	.31	1.02
Total 1	35.02	50	2.4	1.77	5.41
Thursday 2	6.76	10	.47	.36	1.18
Total 2	41.78	60	2.87	2.13	6.59
Friday 1	6.97	10	.56	.43	1.20
Total 1	48.75	70	3.43	2.56	7.79
Friday 2	7.02	10	.59	.46	1.27
Total 2	55.77	80	4.02	3.02	9.06

Average	6.97	10	.50	.37	1.13
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	Daily Total
Saturday	
Sunday	
Total Monday	
Total Tuesday	582
Total Wednesday	560
Total Thursday	516
Total Friday	581
Total	2233

Average	229.7
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WATER TREATMENT PLANT LOG WEEK ENDING 11/04/03

	SATURDAY		SUNDAY		MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY	TOTAL
TIME	AM	PM												
PH			9 AM		9 AM	11 PM	9 AM	4 PM	9 AM	4 PM	9 AM	4 PM	9 AM	
TEMPERATURE			7.15	7.17	7.05	7.12	6.90	7.11	6.95	6.86	6.87	6.73	6.80	
CHLORINE (TOTAL)			10°C	10°C	10°C	10°C	10°C	10°C	10°C	10°C	10°C	10°C	10°C	
CHLORINE (FREE)			.62	.5	.56	.54	.52	.47	.51	.54	.53	.62	.57	
FLUORIDE			.48	.51	.43	.41	.39	.36	.38	.41	.45	.49	.44	
TURBIDITY			1.24	1.27	1.22	1.21	1.19	1.16	1.18	1.22	1.29	1.30	1.25	
LIME FEED RATE			.36	.36	.38	.38	.38	.38	.37	.37	.38	.38	.37	
CHLORINE FLOW RATE			550	550	550	580	580	550	550	550	550	550	550	
FLUOR. STROKE/FREQ.			6	6	6	6	6	6	6	6	6	6	6	
POT. WATER TEMP.			10.13	10.13	10.13	10.13	10.13	10.13	10.13	10.13	10.13	10.13	10.13	
RESERVOIR LEVEL (1)			6.9°C	7.0°C	6.7°C	6.7°C	6.6°C	6.5°C	6.6°C	6.7°C	6.9°C	6.9°C	6.8°C	
RESERVOIR LEVEL (2)			2.21	1.94	2.16	1.80	2.37	2.30	2.30	2.04	2.16	2.01	2.19	
CHLORINE CYL. WEIGHT			3.78	2.65	3.83	3.55	3.97	3.73	3.93	3.69	3.78	3.73	3.81	
LIME BAG ADDED			126	119	114		107	101		95			235	
FLUORIDE DRUM CHANGE			1											
WATER METER CURR. Ltrs.														
WATER METER PREV. Ltrs.			275	535	276	549	277	506	277	462	277	877	278	367
CONSUMPTION			274	994	275	535	276	549	277	549	277	462	277	877
INITIALS			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
					Valve open #1 4PM		Valve closed 8 AM						NCBU 412 Bottle 235 LBS X Valve open	12 PM

11/04/03

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total Cl ₂	Free Cl ₂	Fluoride
Saturday	7.15	10	.62	.48	1.24
Sunday	7.17	10	.65	.57	1.27
Total	14.32	20	1.27	.99	2.51
Monday 1	7.05	10	.56	.43	1.22
Total 1	7.137	30	1.83	1.42	3.23
Monday 2	7.12	10	.54	.41	1.21
Total 2	28.49	40	2.37	1.83	4.94
Tuesday 1	6.50	10	.52	.39	1.19
Total 1	35.38	50	2.89	2.22	6.13
Tuesday 2	7.11	10	.48	.36	1.16
Total 2	42.5	60	3.37	2.58	7.29
Wednesday 1	6.95	10	.56	.38	1.18
Total 1	49.45	70	3.93	2.96	8.47
Wednesday 2	6.86	10	.34	.41	1.22
Total 2	56.31	80	4.47	3.37	9.69
Thursday 1	6.87	10	.28	.45	1.24
Total 1	63.18	90	5.05	3.82	10.91
Thursday 2	6.73	10	.62	.49	1.30
Total 2	69.91	100	5.67	4.31	12.28
Friday 1	6.80	10	.57	.44	1.25
Total 1	76.71	110	6.24	4.75	13.53
Friday 2					
Total 2	76.71	110	6.24	4.75	13.53

Average	6.97	10	.56	.43	1.23
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	Daily Total
Saturday	641
Sunday	514
Total Monday	500
Total Tuesday	437
Total Wednesday	456
Total Thursday	415
Total Friday	490
Total	3473

Average	496
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WATER TREATMENT PLANT LOG WEEK ENDING 18 / 04 / 03

	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TOTAL
TIME AM PM	9 AM	12 PM	9 AM 4 PM	9 AM 4 PM	9 AM 2 PM	10 AM	10 AM	
PH	6.70	6.93	6.75	7.03	7.17	7.16	7.21	7.13
TEMPERATURE	10°C	10°C	10°C	10°C	10°C	10°C	10°C	10°C
CHLORINE (TOTAL)	.46	.56	.62	.64	.56	.60	.42	.45
CHLORINE (FREE)	.32	.42	.49	.49	.43	.46	.30	.32
FLUORIDE	1.18	1.17	1.25	1.26	1.19	1.19	1.08	1.07
TURBIDITY	3.8	.37	.39	.37	.38	.32	.37	.37
LIME FEED RATE	550	550	550	550	550	550	550	550
CHLORINE FLOW RATE	6	6	6	6	6	6	6	6
FLUOR. STROKE/FREQ.	10 / 13	10 / 13	10 / 13	10 / 13	10 / 13	10 / 13	10 / 11	10 / 11
POT. WATER TEMP.	6.3°C	6.8°C	7.20	7.20	7.0°C	6.9°C	6.3°C	6.3°C
RESERVOIR LEVEL (1)	2.58	2.26	2.03	1.96	2.08	2.19	2.54	2.30
RESERVOIR LEVEL (2)	4.20	3.95	3.67	3.62	3.71	3.79	4.21	3.97
CHLORINE CYL. WEIGHT	227	220	115	110	103	103	103	191
LIME BAG ADDED	1	1	1	1	1	1	1	1
FLUORIDE DRUM CHANGE								
WATER METER CURR. Ltrs.	278	824	279	700	280	129	280	575
WATER METER PREV. Ltrs.	278	367	279	323	279	700	280	129
CONSUMPTION		507	377	429			446	
INITIALS	BB	BB	BB	BB	BB	BB	BB	BB
NOTES	300 #1 X Closed 9 AM	300 #2	300 #1 300 #2	300 #1 300 #2	300 #1 300 #2	300 #1 300 #2	300 #1 300 #2	300 #1
				X Valve open 1 PM	X Valve open 8 AM			

100

18/04/03

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total CL ₂	Free CL ₂	Fluoride
Saturday	6.70	10	.46	.32	1.15
Sunday	6.93	10	.56	.42	1.17
Total	13.63	20	1.06	.74	2.32
Monday 1	6.73	10	.62	.49	1.23
Total 1	20.38	30	1.64	1.29	3.57
Monday 2	7.03	10	.64	.49	1.26
Total 2	27.41	40	2.28	1.72	4.83
Tuesday 1	7.17	10	.56	.43	1.19
Total 1	34.58	50	2.84	2.15	6.02
Tuesday 2	7.16	10	.60	.46	1.19
Total 2	41.74	60	3.44	2.61	7.21
Wednesday 1	7.21	10	.42	.30	1.08
Total 1	48.95	70	3.86	2.91	8.29
Wednesday 2	7.13	10	.45	.32	1.07
Total 2	56.08	80	4.31	3.23	9.36
Thursday 1					
Total 1					
Thursday 2					
Total 2					
Friday 1	6.9	10	.62	.48	1.22
Total 1	62.98	90	4.93	3.71	10.58
Friday 2					
Total 2	62.98	90	4.93	3.71	10.58
Average	6.99	10	.521	.41	1.17

	Daily Total
Saturday	502
Sunday	449
Total Monday	372
Total Tuesday	423
Total Wednesday	446
Total Thursday	
Total Friday	1055
Total	1930

Average	321
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WATER TREATMENT PLANT LOG WEEK ENDING 2.25/04/03

	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TOTAL
TIME AM PM	10 AM	12 PM	9 AM	9 AM 4 PM	9 AM 4 PM	9 AM 4 PM	9 AM 4 PM	
PH	6.82	6.95	6.94	7.15 7.11	7.0 7.07	7.01 7.15	7.19 7.16	72.54
TEMPERATURE	10°C	10°C	10°C	10°C	10°C	10°C	10°C	110
CHLORINE (TOTAL)	.70	.50	.53	.61 .64	.64 .66	.65 .63	.49 .50	6.55
CHLORINE (FREE)	.56	.36	.38	.47 .49	.51 .51	.51 .49	.35 .36	4.99
FLUORIDE	1.25	1.07	.99	1.16 1.22	1.30 1.26	1.23 1.29	.96 .95	12.68
TURBIDITY	.38	.38	.38	.38 .38	.38 .37	.38 .37	.38 .37	
LIME FEED RATE	550	550	550	550 550	550 550	550 550	550 550	
CHLORINE FLOW RATE	6	6	6	6 6	6 6	6 6	6 6	
FLUOR. STROKE/FREQ.	10.511	10.11	10.11	10.11 10.11	10.10 10.10	10.10 10.10	10.10 10.10	
POT. WATER TEMP.	7.4°C	6.7°C	6.9°C	7.2°C 7.3°C	7.4°C 7.4°C	7.4°C 7.3°C	6.8°C 6.9°C	
RESERVOIR LEVEL (1)	2.01	2.49	2.60	2.44 2.00	2.21 1.96	2.20 2.16	2.56 2.27	
RESERVOIR LEVEL (2)	3.62	4.15	4.25	4.09 3.75	3.88 3.61	3.79 3.76	4.19 3.95	
CHLORINE CYL. WEIGHT	185	179	173	167	160	154	149	
LIME BAG ADDED	1		1		1			
FLUORIDE DRUM CHANGE				1			1	
WATER METER CURR. Ltrs.	282	033	282	282	283	284	284	550
WATER METER PREV. Ltrs.	281	030	282	282	283	283	284	035
CONSUMPTION		403		416	282	596	284	
INITIALS	BB	BB	BB	BB	BB	BB	BB	2920
NOTES	BB #2	BB #8	BB #2	BB #1 BB #2	BB #1 BB #2	BB #1 BB #1	BB #1 BB #2	

Y Valve open
10 AM
X Valve Close
8 AM

25/04/03

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total Cl ₂	Free Cl ₂	Fluoride
Saturday	6.82	10	20	.56	1.25
Sunday	6.95	10	50	.36	1.07
Total	13.77	20	1.2	.92	2.32
Monday 1	6.94	10	.53	.38	.99
Total 1	20.71	30	1.73	1.3	3.31
Monday 2					
Total 2					
Tuesday 1	7.15	10	.61	.47	1.16
Total 1	27.86	40	2.34	1.77	4.47
Tuesday 2	7.11	10	.64	.49	1.22
Total 2	34.97	50	2.98	2.26	5.69
Wednesday 1	7.0	10	.64	.51	1.30
Total 1	41.97	60	3.62	2.77	6.99
Wednesday 2	7.07	10	.66	.51	1.26
Total 2	49.04	70	4.28	3.28	8.25
Thursday 1	7.01	10	.68	.51	1.23
Total 1	56.05	80	4.93	3.79	9.48
Thursday 2	7.15	10	.63	.49	1.29
Total 2	63.20	90	5.56	4.28	10.77
Friday 1	7.18	10	.49	.35	.96
Total 1	70.38	100	6.05	4.63	11.73
Friday 2	7.16	10	.50	.36	.95
Total 2	77.54	110	6.55	4.99	12.68

Average	70.4	10	.59	.45	1.15
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	Daily Total
Saturday	403
Sunday	453
Total Monday	246
Total Tuesday	346
Total Wednesday	578
Total Thursday	439
Total Friday	515
Total	2920

Average	417
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WATER TREATMENT PLANT LOG WEEK ENDING

30/04/03

	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TOTAL
TIME AM PM	10 ⁰⁰	11 ⁴⁴	4 ⁴⁴ 4 ^{PM}	9 ⁴⁴ 4 ^{PM}	9 ⁴⁴ 4 ^{PM}	9 ⁴⁴		56.83
PH	7.01	7.14	7.20	7.10	7.17	7.12	6.89	80
TEMPERATURE	10 ⁰⁰	10 ⁰⁰	10 ⁰⁰	10 ⁰⁰	10 ⁰⁰	10 ⁰⁰	10 ⁰⁰	46
CHLORINE (TOTAL)	.55	.61	.65	.65	.56	.53	.53	3.5
CHLORINE (FREE)	.41	.48	.50	.53	.40	.39	.39	7.69
FLUORIDE	.88	1.06	.99	1.00	.98	.90	.84	
TURBIDITY	.38	.37	.37	.38	.37	.37	.37	
LIME FEED RATE	550	550	550	550	550	550	550	
CHLORINE FLOW RATE	6	6	6	6	6	6	6	
FLUOR. STROKE/FREQ.	10/10	10/10	10/10	10/10	10/10	10/10	10/10	
POT. WATER TEMP.	7.1 ⁰⁰	7.4 ⁰⁰	7.5 ⁰⁰	7.5 ⁰⁰	7.5 ⁰⁰	7.0 ⁰⁰	6.9 ⁰⁰	
RESERVOIR LEVEL (1)	2.41	2.30	2.14	1.77	2.54	2.21	2.58	
RESERVOIR LEVEL (2)	1.16	3.98	3.76	3.42	4.16	3.90	4.13	
CHLORINE CYL. WEIGHT	142	136	129	123	117	111		
LIME BAG ADDED	1	1		1		1		
FLUORIDE DRUM CHANGE								
WATER METER CURR. Ltrs.	284	993	285	4125	285	286	286	896
WATER METER PREV. Ltrs.	284	550	284	493	285	876	286	376
CONSUMPTION	443	432	451	500	520			2346
INITIALS	BB	BB	BB	BB	BB	BB	BB	
NOTES			300 #1 300 #2 X Valve open 4PM	300 #1 300 #2 X Valve close 8PM	300 #1 300 #2	300 #1 300 #2		

30/04/03

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total Cl ₂	Free Cl ₂	Fluoride
Saturday	7.01	10	1.55	1.41	98
Sunday	7.14	10	1.61	1.48	106
Total	14.15	20	1.116	1.89	2.04
Monday 1	7.20	10	1.65	1.50	99
Total 1	21.35	30	1.81	1.39	3.03
Monday 2	7.20	10	1.65	1.53	100
Total 2	28.55	40	2.46	1.92	4.03
Tuesday 1	7.10	10	1.56	1.40	98
Total 1	35.65	50	3.02	2.32	5.01
Tuesday 2	7.17	10	1.53	1.39	90
Total 2	42.82	60	3.55	2.71	5.91
Wednesday 1	7.12	10	1.52	1.39	184
Total 1	48.94	70	4.07	3.1	6.75
Wednesday 2	6.89	10	1.53	1.40	94
Total 2	56.83	80	4.6	3.5	7.69
Thursday 1					
Total 1					
Thursday 2					
Total 2					
Friday 1					
Total 1					
Friday 2					
Total 2	56.83	80	4.6	3.5	7.69

Average	71	10	2.57	1.43	1.96
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	Daily Total
Saturday	443
Sunday	432
Total Monday	437
Total Tuesday	500
Total Wednesday	520
Total Thursday	
Total Friday	
Total	2346

Average	469
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