

WATER TREATMENT PLANT LOG WEEK ENDING 22/05/03

	TIME	AM	PM	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TOTAL
PH									7 ⁴⁵ 4 ¹⁰ 9 ¹⁰ 4 ¹⁰		27.26
TEMPERATURE									6.82 6.85 6.71 6.87		40
CHLORINE (TOTAL)									10 ⁰⁰ 10 ⁰⁰ 10 ⁰⁰ 10 ⁰⁰		2.28
CHLORINE (FREE)									.54 .56 .57 .61		1.72
FLUORIDE									.40 .43 .44 .48		3.76
TURBIDITY									.92 .89 .97 .98		
LIME FEED RATE									.37 .37 .37 .28		
CHLORINE FLOW RATE									550 550 550 550		
FLUOR. STROKE/FREQ.									6 6 5.6 5.6		
POT. WATER TEMP.									10/10 10/10 10/10 10/10		
RESERVOIR LEVEL (1)									7.0 ⁰⁰ 7.1 ⁰⁰ 7.2 ⁰⁰ 7.1 ⁰⁰		
RESERVOIR LEVEL (2)									2.53 2.26 2.44 2.10		
CHLORINE CYL. WEIGHT									4.14 3.93 4.08 3.66		
LIME BAG ADDED									111 104 1 1		
FLUORIDE DRUM CHANGE									/ / / /		
WATER METER CURR. Ltrs.									287 433 287 978		
WATER METER PREV. Ltrs.									226 896 287 433		
CONSUMPTION									537 537	545	1092
INITIALS									BB BB BS		
NOTES									BU #1 BU #1 BU #2 BU #2		

20503

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					
Total 1					
Tuesday 2					
Total 2					
Wednesday 1					
Total 1					
Wednesday 2					
Total 2					
Thursday 1	4.82	10.0	54	.40	.92
Total 1					
Thursday 2	6.85	10.0	56	.43	.89
Total 2	13.67	20	110	.83	1.81
Friday 1	6.71	10.0	57	.44	.97
Total 1	20.38	30	1167	1.27	2.18
Friday 2	6.88	10.0	.61	.49	.98
Total 2	27.26	40	2.28	1.75	3.76
Average	6.81	10	.57	.44	.94

	Daily Total
Saturday	
Sunday	
Total Monday	
Total Tuesday	
Total Wednesday	
Total Thursday	537
Total Friday	543
Total	1082
Average	1082

Water Treatment Plant Weekly Tests

09/05/03

Saturday	PH	Temp C	Total Ca	Free Ca	Fluoride
Sunday	7.10	16.00	.59	.45	1.02
Total	14.31	20	1.13	.93	1.92
Monday 1	6.91	10.50	.39	.29	.95
Total	21.22	30.5	1.52	1.22	2.87
Monday 2	6.95	10.20	.29	.21	.84
Total 2	28.17	40.7	1.81	1.43	3.76
Tuesday 1	6.82	10.40	.31	.20	.92
Total 1	34.99	51.1	2.12	1.72	4.68
Tuesday 2	6.94	10.30	.35	.25	1.04
Total 2	41.93	61.4	2.47	1.97	5.72
Wednesday	6.58	10.30	.41	.32	.85
Total 1	48.51	71.7	2.88	2.29	6.57
Wed 2	6.86	10.00	.62	.44	.97
Total 2	55.37	81.7	3.5	2.73	7.54
Thurs 1	7.23	10.30	.51	.40	1.12
Total 1	62.6	92	4.01	3.13	8.66
Thurs 2	6.99	10.00	.58	.40	.90
Total 2	69.59	102	4.59	3.53	9.56
Friday 1	6.99	10.40	.46	.29	.95
Total 1	70.58	112.4	4.91	3.82	10.51
Fr. 2	7.04	10.60	.42	.31	.99
Total 2	83.62	123	5.33	4.13	11.5
Average	6.9	10.20	.44	.34	.95

	Daily Total
Saturday	627
Sunday	598
Total Monday	1175
Total Tuesday	593
Total Wednesday	2333
Total Thursday	611
Total Friday	2944
Total	3969

Average 567

WATER TREATMENT PLANT LOG WEEK ENDING

16/05/03

	SATURDAY		SUNDAY		MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		TOTAL
TIME	AM	PM													
PH			7		9:30 AM	4 PM	8:30 AM	4:10 PM	9 AM	4 PM	9:30 AM	4 PM	9 AM	4:10 PM	
TEMPERATURE			70.2		71.9	70.6	70.8	70.3	69.9	69.6	71.2	70.8	70.6	70.9	
CHLORINE (TOTAL)			10.6		10	10.4	10.5	10.8	10	10.3	10.5	10.1	10.6		
CHLORINE (FREE)			.46		.58	.53	.39	.40	.41	.44	.45	.50	.42	.46	
FLUORIDE			.38		.40	.40	.25	.26	.32	.38	.38	.43	.31	.30	
TURBIDITY			1.12		1.01	.98	1.03	.80	.83	.82	1.05	1.09	.88	.81	
LIME FEED RATE			.36		.37	.38	.37	.36	.38	.38	.36	.37	.37	.38	
CHLORINE FLOW RATE			590		580	550	550	550	550	550	550	550	550	550	
FLUOR. STROKE/FREQ.			5.8		5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	
POT. WATER TEMP.			18		19	18	18	18	18	18	18	18	18	18	
RESERVOIR LEVEL (1)			7.1		7.7	7.7	7	7	7.1	7.3	7.3	7.3	6.9	7	
RESERVOIR LEVEL (2)			2.61		2.14	2.31	2.59	2.45	2.56	2.34	2.48	2.12	2.59	2.31	
CHLORINE CYL. WEIGHT			4.07		3.77	3.80	4.25	4.09	4.19	3.89	4.11	3.77	4.28	3.94	
LIME BAG ADDED			201		195	1	189	1	183	1	177	1	171	1	
FLUORIDE DRUM CHANGE			1		1	1	1	1	1	1	1	1	1	1	
WATER METER CURR. Ltrs.			293		293	863	294	532	295	142	295	743	296	258	
WATER METER PREV. Ltrs.			292		293	176	293	863	294	532	295	142	295	743	
CONSUMPTION			620		687	669	669	610	610	601	601	515	515	515	
INITIALS			PL		PL	PL	PL	PL	PL	PL	PL	PL	PL	PL	
NOTES			BUD		BUD	BUD	BUD	BUD	BUD	BUD	BUD	BUD	BUD	BUD	
					x valve open		x valve closed				x valve open		x valve closed		

16/05/03

Water Treatment Plant Weekly Tests

	pH	Temp C	Total Cu	Free Cl ₂	Fluoride
Saturday	7.14	10.4 ^{°C}	.44	.32	.98
Sunday	7.02	10.6 ^{°C}	.46	.38	1.12
Total	14.16	21	.90	.70	2.10
Monday 1	7.19	10 ^{°C}	.58	.40	1.01
Total 1	21.35	31	1.48	1.10	3.11
Monday 2	7.06	10.4 ^{°C}	.53	.40	.98
Total 2	28.41	41.4	2.01	1.50	4.09
Tuesday 1	7.08	10.6 ^{°C}	.39	.25	1.03
Total 1	35.49	52	2.40	1.75	5.12
Tuesday 2	7.03	10.8 ^{°C}	.40	.26	.80
Total 2	42.52	62.8	2.80	2.01	5.92
Wednesday 1	6.99	10 ^{°C}	.41	.32	.83
Total 1	49.51	72.8	3.21	2.33	6.75
Wed 2	6.96	10.3 ^{°C}	.44	.38	.82
Total 2	56.49	83.1	3.65	2.71	7.57
Thurs 1	7.12	10.5 ^{°C}	.45	.38	1.05
Total 1	63.6	93.6	4.10	3.09	8.62
Thurs 2	7.08	10.1 ^{°C}	.50	.43	1.09
Total 2	70.68	103.7	4.60	3.52	9.71
Fri 1	7.06	10 ^{°C}	.42	.31	.88
Total 1	77.74	113.7	5.02	3.83	10.59
Fri 2					
Total 2					
Average					

	Daily Total
Saturday	6.58
Sunday	5.79
Total Monday	6.87
Total Tuesday	6.69
Total Wednesday	6.10
Total Thursday	3.65
Total Friday	5.15
Total	42.81

Average 6.11

WATER TREATMENT PLANT LOG WEEK ENDING 23/05/03

	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TOTAL
TIME AM PM	11.30 ^{AM}	11.30 ^{AM}	11.30 ^{AM}	9 ^{AM} 4 ^{PM}	9 ^{AM} 4 ^{PM}	9 ^{AM} 4 ^{PM}	9 ^{AM} 4 ^{PM}	
PH	6.98	6.93	7.01	7.07 7.16	7.29 7.09	7.12 6.96	6.99 7.27	
TEMPERATURE	10.2 ^{oc}	10.4	10.5	10.1 10.2	10.3 11.1	8.9 8.4	9.5 9.5	
CHLORINE (TOTAL)	51	63	45	49 53	52 66	46 42	50 56	
CHLORINE (FREE)	42	40	30	34 40	38 44	40 30	38 44	
FLUORIDE	.94	.99	1.07	.90 .98	.96 .98	.86 .90	.98 1.00	
TURBIDITY	.38	.39	.40	.39 .41	.40 42	.40 40	37 38	
LIME FEED RATE	550	550	550	550 550	550 550	550 550	550 550	
CHLORINE FLOW RATE	5.8	5.8	5.8	5.8 5.8	5.8 5.8	5.8 5.8	5.8 5.8	
FLUOR. STROKE/FREQ.	10 ¹⁰	10 ¹⁰	10 ¹⁰	10 ¹⁰ 10 ¹⁰	10 ¹⁰ 10 ¹⁰	10 ¹⁰ 10 ¹⁰	10 ¹⁰ 10 ¹⁰	
POT. WATER TEMP.	7.4	7.9	7.3	7.5 7.6	7.3 6.5	5.9 5.9	6.0 5.8	
RESERVOIR LEVEL (1)	3.90	3.61	4.21	4.09 3.73	3.87 3.55	4.25 3.98	4.11 4.68	
RESERVOIR LEVEL (2)	2.24	1.87	2.61	2.41 2.09	2.24 2.00	2.56 2.26	2.49 2.15	
CHLORINE CYL. WEIGHT	165	159	152	146	140	134	128	
LIME BAG ADDED	1	1	1	1	1	1	1	
FLUORIDE DRUM CHANGE	/	/	/	/	/	/	/	
WATER METER CURR. Ltrs.	296	297	298	298	299	300	301	
WATER METER PREV. Ltrs.	296	296	297	298	298	299	300	
CONSUMPTION	728	704	496	650	1000	1126	869	
INITIALS	PLJ	PLJ	PLJ	PLJ PLJ	PLJ PLJ	PLJ PLJ	PLJ PLJ	
NOTES	BUD	BUD	BUD	BUD BUD BUD	BUD BUD BUD	BUD BUD BUD	BUD BUD BUD	
		valve open	x valve closed		x valve open	x valve closed		

Water Treatment Plant Weekly Tests

23/05/03

	PH	Temp C	Total Ca	Free Ca	Fluoride
Saturday	6.98	10.2	1.51	.42	.24
Sunday	6.93	10.4	.63	.40	.99
Total	13.91	20.6	1.14	.82	1.93
Monday	7.01	10.8	.45	.30	1.07
Total				1.12	
Monday		STA			1
Total 2	20.92	31.4	1.59		3.00
Tuesday	7.07	10.1	.49	.34	.90
Total 1	27.99	41.5	2.08	1.46	3.90
Tuesday	7.16	10.2	.53	.40	.98
Total 2	35.15	51.7	2.61	1.86	4.88
Wednesday	7.29	10.3	.52	.38	.96
Total 1	42.44	62	3.13	2.24	5.84
Wed 2	7.09	11.1	.66	.44	.98
Total 2	49.53	73.1	3.79	2.7	6.82
Thur 1	7.12	8.9	.46	.40	.86
Total 1	56.65	82	4.25	3.10	7.68
Thur 2	6.96	8.4	.42	.30	.90
Total 2	63.61	90.4	4.67	3.40	8.58
Fri 1	6.99	9.5	.50	.38	.98
Total 1	70.6	99.9	5.17	3.78	9.56
Fr 2	7.27	9.5	.56	.44	1.00
Total 2	77.87	109.4	5.73	4.22	10.56
	± 11	± 11	± 11	± 11	± 11
Average	7.07	9.9	.52	.38	.96

	Daily Total
Saturday	728
Sunday	704
Total Monday	1432
Total Tuesday	650
Total Wednesday	1000
Total Thursday	1126
Total Friday	869
Total	5573

Average 796

WATER TREATMENT PLANT LOG WEEK ENDING

30/05/03

		SATURDAY	SUNDAY	MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		TOTAL
TIME	AM PM	10 AM	10 AM	9 AM	4 PM	9 AM	4 PM	9 AM	4 PM	9 AM	4 PM	9 AM	4 PM	
PH		7.07	7.25	7.03	7.19	7.19	7.13	7.34	7.27	7.28	7.12	7.16	7.13	8.67
TEMPERATURE		10.3	10.6	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	120.9
CHLORINE (TOTAL)		.56	.56	.57	.56	.45	.48	.50	.51	.50	.49	.30	.20	5.69
CHLORINE (FREE)		.40	.41	.40	.39	.24	.32	.33	.34	.32	.34	.14	.03	3.67
FLUORIDE		.41	.41	.75	.38	.98	.93	.90	1.02	.91	.93	.97	.99	11.22
TURBIDITY		.40	.37	.37	.36	.37	.36	.36	.36	.36	.36	.35	.37	
LIME FEED RATE		5.80	5.80	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	5.50	
CHLORINE FLOW RATE		5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	6.0	6.0	6.0	6.0	
FLUOR. STROKE/FREQ.		1/10	1/10	1/10	1/10	1/10	1/10	1/10	1/10	1/10	1/10	1/10	1/10	
POT. WATER TEMP.		5.9	7	7.4	7.3	7.1	7.2	7.6	7.9	8.0	8.1	8.2	8.2	
RESERVOIR LEVEL (1)		4.09	3.43	3.72	3.93	4.06	3.79	4.03	3.72	3.98	3.72	3.83	3.61	
RESERVOIR LEVEL (2)		2.48	2.32	2.09	2.30	2.43	2.14	2.39	2.08	2.34	2.05	2.18	1.96	
CHLORINE CYL. WEIGHT		1.16	1.16	1.07	1.07	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	
LIME BAG ADDED		1	1	1	1	1	1	1	1	1	1	1	1	
FLUORIDE DRUM CHANGE		1	1	1	1	1	1	1	1	1	1	1	1	
WATER METER CURR. Ltrs.		302	303	304	622	305	400	306	238	307	044	307	590	
WATER METER PREV. Ltrs.		301	301	300	180	301	622	305	400	306	238	307	044	
CONSUMPTION			926	842		778		838		806		846		6.665
INITIALS		PL		BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	
NOTES		PL	BB	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	BB #1 BB #2	BB #1 BB #2	

New Chlorine
Bottle

200503

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total Cl ₂	Free Cl ₂	Fluoride
Saturday	7.07	10.3	.56	.40	.91
Sunday	7.25	10.6	.56	.42	.99
Total	14.32	20.9	1.12	.82	1.9
Monday 1	7.02	10	.57	.40	.75
Total 1	21.34	30.9	1.69	1.22	2.65
Monday 2	7.19	10	.56	.39	.88
Total 2	28.53	40.9	2.25	1.61	3.53
Tuesday 1	7.19	10	.48	.24	.99
Total 1	35.72	50.9	2.7	1.85	4.51
Tuesday 2	7.13	10	.48	.32	.93
Total 2	42.85	60.9	3.18	2.17	5.44
Wednesday 1	7.39	10	.50	.33	.96
Total 1	50.24	70.9	3.68	2.5	6.4
Wednesday 2	7.27	10	.51	.34	1.02
Total 2	57.51	80.9	4.19	2.84	7.42
Thursday 1	7.28	10	.50	.32	.91
Total 1	64.79	90.9	4.69	3.16	8.33
Thursday 2	7.12	10	.49	.34	.93
Total 2	71.91	100.9	5.18	3.5	9.26
Friday 1	7.16	10	.30	.14	.97
Total 1	78.07	110.9	5.48	3.64	10.23
Friday 2	7.13	10	.20	.03	.99
Total 2	86.2	120.9	5.68	3.67	11.22
Average	7.18	10	.47	.30	.93

	Daily Total
Saturday	1001
Sunday	954
Total Monday	842
Total Tuesday	778
Total Wednesday	838
Total Thursday	606
Total Friday	546
Total	6065

Average	366
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WATER TREATMENT PLANT LOG WEEK ENDING

May 31 03

	AM	PM	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TOTAL
TIME			10 ⁴⁴							
PH			7.35							
TEMPERATURE			10 ²²							
CHLORINE (TOTAL)			.29							
CHLORINE (FREE)			.15							
FLUORIDE			1.0							
TURBIDITY			.32							
LIME FEED RATE			550							
CHLORINE FLOW RATE			6							
FLUOR. STROKE/FREQ.			10/10							
POT. WATER TEMP.			7.2 ²							
RESERVOIR LEVEL (1)			3.79							
RESERVOIR LEVEL (2)			2.18							
CHLORINE CYL. WEIGHT			232							
LIME BAG ADDED			1							
FLUORIDE DRUM CHANGE										
WATER METER CURR. Ltrs.			308	765						
WATER METER PREV. Ltrs.			307	890						
CONSUMPTION				875						
INITIALS			BB							
NOTES			BL # ①							