

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total Cl ₂	Free Cl ₂	Fluoride
Saturday	6.53	10.5	.44	.42	-
Sunday	6.56	10.6	.54	.47	-
Total	12.09	21.1	1.13	.89	-
Monday 1	6.65	11.5	.66	.43	-
Total 1	10.74	32.6	1.73	1.32	-
Monday 2	6.44	10.2	.54	.44	-
Total 2	26.18	42.8	2.32	1.76	-
Tuesday 1	6.94	11.3	.61	.43	-
Total 1	33.02	54.1	2.93	2.19	-
Tuesday 2	6.50	11.4	.61	.47	-
Total 2	34.52	65.5	3.54	2.66	-
Wednesday 1	6.46	11.9	.62	.46	-
Total 1	45.98	77.4	4.16	3.12	-
Wednesday 2	6.42	11.6	.68	.54	-
Total 2	52.4	89	4.84	3.66	-
Thursday 1	6.39	11.6	.68	.48	-
Total 1	58.78	100.6	5.52	4.14	-
Thursday 2	6.38	11.8	.56	.37	-
Total 2	65.16	112.4	6.08	4.51	-
Friday 1	6.46	11.3	.56	.37	-
Total 1	71.62	123.7	6.64	4.88	-
Friday 2	6.61	12.8	.63	.47	-
Total 2	78.23	136.5	7.32	5.35	-
= 12					
Average	6.5	17.37	.61	.44	

	Daily Total
Saturday	1419
Sunday	2081
Total Monday	1582
Total Tuesday	1575
Total Wednesday	1867
Total Thursday	2171
Total Friday	1551
Total	13146

Average	1578
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3500
5382
7620
9122
11208

16106

July 23/04

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total Cl ₂	Free Cl ₂	Fluoride
Saturday	6.54	9.1	.64	.47	
Sunday	6.46	9.3	.58	.44	
Total	13	18.4	1.22	.91	
Monday 1	6.52	9.4	.53	.40	
Total 1	19.52	27.8	1.75	1.31	
Monday 2	6.42	9.7	.50	.39	
Total 2	25.94	37.5	2.25	1.7	
Tuesday 1	6.45	9.9	.58	.44	
Total 1	32.39	47.4	2.83	2.14	
Tuesday 2	6.39	10.1	.59	.44	
Total 2	38.78	57.5	3.42	2.58	
Wednesday 1	6.48	10	.57	.41	
Total 1	45.26	67.5	3.99	2.99	
Wednesday 2	6.48	10	.55	.41	
Total 2	51.74	77.5	4.54	3.4	
Thursday 1	6.32	10	.55	.37	
Total 1	58.06	87.5	5.09	3.41	
Thursday 2	6.45	10	.47	.32	
Total 2	64.51	97.5	5.56	3.73	
Friday 1	6.46	10	.70	.54	
Total 1	70.97	107.5	6.26	4.27	
Friday 2	6.58	15	.70	.58	
Total 2	77.55	122.5	6.96	4.85	

Average	6.46	10.20	.58	.40	
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	Daily Total	
Saturday	2133	4256
Sunday	2123	6124
Total Monday	1868	8475
Total Tuesday	2351	10497
Total Wednesday	2022	12376
Total Thursday	1879	
Total Friday	2187	
Total	14563	

Average	2080
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Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total Cl ₂	Free Cl ₂	Fluoride
Saturday	6.38	8.5	61	39	
Sunday	6.38	9.1	41	35	
Total	12.76	17.6	102	74	
Monday 1	6.48	9	61	55	
Total 1	19.24	16.6	163	129	
Monday 2	6.44	10	64	55	
Total 2	25.68	26.6	227	184	
Tuesday 1	6.66	8.9	61	48	
Total 1	32.34	45.5	288	232	
Tuesday 2	6.86	10.2	67	56	
Total 2	34.2	55.7	355	288	
Wednesday 1	6.52	9.2	61	55	
Total 1	45.72	64.9	416	373	
Wednesday 2	6.45	8.8	72	65	
Total 2	52.17	73.7	488	409	
Thursday 1	6.45	9.1	78	71	
Total 1	58.62	82.8	566	479	
Thursday 2	6.51	9.2	76	69	
Total 2	64.13	92	642	548	
Friday 1	6.54	9	75	53	
Total 1	71.67	101	717	601	
Friday 2	6.47	9	75	61	
Total 2	78.14	110	792	662	
Average	6.51	9.16	66	55	

	Daily Total	
Saturday	1829	
Sunday	2313	4142
Total Monday	2097	6239
Total Tuesday	1971	8210
Total Wednesday	1893	10093
Total Thursday	2209	12299
Total Friday	1896	
Total	14194	
Average	2027	

1/04

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total Cl ₂	Free Cl ₂	Fluoride
Saturday	6.45	7.03	3.1	2.5	
Sunday	6.47	6.1	3.5	2.4	
Total	12.92	15.4	7.2	4.9	
Monday 1	6.47	7.4	.38	.31	
Total 1	19.39	22.8	1.1	.8	
Monday 2	6.61	7.5	.57	.45	
Total 2	2.6	30.3	1.67	1.25	
Tuesday 1	6.51	8	.48	.42	
Total 1	32.51	38.3	2.15	1.61	
Tuesday 2	6.47	7.5	.54	.48	
Total 2	38.98	45.8	2.69	2.15	
Wednesday 1	6.64	8.4	.33	.30	
Total 1	45.67	54.2	3.02	2.45	
Wednesday 2	6.56	7.6	.96	.83	
Total 2	52.23	61.8	3.98	3.28	
Thursday 1	6.38	7.5	.87	.61	
Total 1	58.61	69.3	4.85	3.89	
Thursday 2	6.50	8	.82	.73	
Total 2	65.11	77.3	5.67	4.62	
Friday 1	6.39	8.2	.71	.48	
Total 1	71.49	89.5	6.38	5.1	
Friday 2	STAT	/	/	/	
Total 2					

Average	6.49	7.77	5.8	4.6	
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	Daily Total	
Saturday	5.26	38.31
Sunday	13.05	58.96
Total Monday	20.15	80.96
Total Tuesday	22.50	94.86
Total Wednesday	13.90	121.16
Total Thursday	26.30	
Total Friday	19.86	
Total	141.02	

Average	20.14
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02 July 04

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					
Total 1					
Thursday 2	5.37	10	1.47	1.35	
Total 2					
Friday 1	6.42	10	.57	1.41	
Total 1	12.79	20	1.04	.76	
Friday 2	6.76	10	1.55	1.43	
Total 2	19.05	30	1.59	1.19	
Average	6.35	10	.53	.44	

	Daily Total
Saturday	
Sunday	
Total Monday	
Total Tuesday	
Total Wednesday	
Total Thursday	244.8
Total Friday	167.8
Total	412.6

Average	206.3
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23/07/04

TIME	SATURDAY		SUNDAY		MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		TOTAL
	AM	PM	9AM		9AM	4PM	9AM	4PM	9AM	4PM	9AM	4PM	9AM	4PM	
PH	6.54		6.46		6.52	6.42	6.45	6.39	6.48	6.40	6.32	6.40	6.46	6.58	7.55
TEMPERATURE	10°		10°		10°	10°	10°	10°	10°	10°	10°	10°	10°	15°	122.5
CHLORINE (TOTAL)	.64		.58		.53	.50	.58	.59	.57	.55	.58	.47	.70	.70	6.96
CHLORINE (FREE)	.47		.44		.40	.39	.44	.44	.41	.41	.37	.32	.54	.58	4.85
FLUORIDE															
TURBIDITY	.39		.39		.39	.37	.40	.4	.41	.40	.40	.41	.40	.39	
LIME FEED RATE															
CHLORINE FLOW RATE	4.54		4.34		4.34	4.19	4.19		4.34	4.34	4.54	4.54	4.54	4.54	
FLUOR. STROKE/FREQ.															
POT. WATER TEMP.	9.1°		9.3°		9.4°	9.7°	9.9°	10.1	10°	10°	10°	10°	10°	10°	
RESERVOIR LEVEL (1)	2.30		2.45		1.99	1.79	2.28	1.95	2.22	2.04	2.18	1.17	2.50	2.11	
RESERVOIR LEVEL (2)	4.06		4.15		3.69	3.49	3.92	3.63	3.98	3.70	3.94	2.91	4.18	3.83	
CHLORINE CYL. WEIGHT	35		28		21		14		4			?			
LIME BAG ADDED															
FLUORIDE DRUM CHANGE															
WATER METER CURR. Ltrs.	556	347	558	469	560	337	562	688	564	710	566	589	568	776	
WATER METER PREV. Ltrs.	554	214	550	347	558	469	560	337	562	688	564	710	566	589	
CONSUMPTION	2	133	2	122	1	868	2	351	2	022	1	879	2	187	14563
INITIALS	BB		BB		BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	
NOTES	Demand		2.3 MLD	2.3 MLD	2.3 MLD	2.3 MLD	2.4 MLD	2.4 MLD	2.3 MLD	2.3 MLD	2.3 MLD	2.3 MLD	2.2 MLD	2.2 MLD	
	uv off		50.3 M/CM2	104.2 M/CM2	49.4 M/CM2	49.2 M/CM2	51.1 M/CM2	56.2 M/CM2	58.2 M/CM2	30 % Powder	30 % Powder	30 % Powder	30 % Powder	90% WWT	
	2.3 MLD		30 % Powder	58 % Powder	30 % Powder	30 % Powder	30 % Powder	30 % Powder	30 % Powder	30 % Powder	30 % Powder	30 % Powder	30 % Powder	30 % Powder	
	91 % WWT		92 % WWT	92 % WWT	92 % WWT	92 % WWT	92 % WWT	92 % WWT	92 % WWT	92 % WWT	92 % WWT	92 % WWT	92 % WWT	92 % WWT	

124

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WATER TREATMENT PLANT LOG WEEK ENDING 02 07 04

	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TOTAL
TIME	AM	PM				9Am	4pm	
PH						6.37	6.26	19.05
TEMPERATURE						10°C	10°C	30
CHLORINE (TOTAL)						47	55	1.59
CHLORINE (FREE)						35	43	1.19
FLUORIDE								
TURBIDITY						39	41	
LIME FEED RATE								
CHLORINE FLOW RATE						4.18	4.19	
FLUOR. STROKE/FREQ.								
POT. WATER TEMP.						7.8	8.2	
RESERVOIR LEVEL (1)						2.45	2.35	
RESERVOIR LEVEL (2)						4.18	4.14	
CHLORINE CYL. WEIGHT						150	120	
LIME BAG ADDED								
FLUORIDE DRUM CHANGE								
WATER METER CURR. Ltrs.						524	525	918
WATER METER PREV. Ltrs.						521	524	140
CONSUMPTION						2	448	1
INITIALS						B/B	P/W	21126
NOTES						1.4 mld	2.5 mld	
						7.2 m³/hr	45.5 m³/hr	
						30% Power	30% Power	
						91% CVT		