

May 31 04

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total Cl ₂	Free Cl ₂	Fluoride
Saturday	6.47		.3	.18	
Sunday	6.39		.67	.53	
Total	12.86		.97	.71	
Monday 1	6.39		.93	.74	
Total 1	19.25		1.9	1.45	
Monday 2	6.39		.75	.59	
Total 2					
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	25.64		7.65	2.04	

Average	6.41		1.66	.51	
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	Daily Total
Saturday	22.52
Sunday	22.58
Total Monday	2190
Total Tuesday	
Total Wednesday	
Total Thursday	
Total Friday	
Total	6700

Average	2233
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Week ending May 28/04

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total CL ₂	Free CL ₂	Fluoride
Saturday	6.36		78	63	
Sunday	6.56		81	67	
Total	12.86		159	133	
Monday 1	6.46		82	67	
Total 1	12.82		241	170	
Monday 2	STA1	/	/	/	/
Total 2					
Tuesday 1	6.39		76	65	
Total 1	2571		317	235	
Tuesday 2	6.46		85	69	
Total 2	3211		402	304	
Wednesday 1	6.43		82	66	
Total 1	3854		484	37	
Wednesday 2	6.47		83	66	
Total 2	4501		567	436	
Thursday 1	6.44		73	57	
Total 1	515		64	493	
Thursday 2	6.46		76	51	
Total 2	5296		674	544	
Friday 1	6.45		69	52	
Total 1	64241		239	596	
Friday 2	6.43		39	29	
Total 2	7084		778	625	
Average	6.44		70	58	

	Daily Total
Saturday	2089
Sunday	1919
Total Monday	2110
Total Tuesday	1795
Total Wednesday	2693
Total Thursday	2301
Total Friday	1946
Total	141805

4607
6117
7915
10538
1255

Average	2115
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Week ending May 21/24

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total Cl ₂	Free Cl ₂	Fluoride
Saturday	6.43		6.3	5.6	
Sunday	6.51		6.6	5.1	
Total	12.94		1.29	1.01	
Monday 1	6.50		7.1	5.7	
Total 1	19.44		2.	1.58	
Monday 2	6.51		6.7	5.4	
Total 2	25.95		2.67	2.12	
Tuesday 1	6.52		7.5	6.5	
Total 1	32.47	32.47	3.42	2.77	
Tuesday 2	6.6		7.4	5.4	
Total 2	32.76	33.13	4.16	3.36	
Wednesday 1	6.44		7.5	6.1	
Total 1	34.77	34.58	4.91	3.97	
Wednesday 2	6.46		7.4	6.4	
Total 2	44.57	45.48	5.7	4.61	
Thursday 1	6.46		7.8	6.3	
Total 1	52.43	52.44	6.48	5.24	
Thursday 2	6.47		7.6	5.8	
Total 2	58.5	58.91	7.18	5.82	
Friday 1	6.47		8.6	7.1	
Total 1	64.47	65.38	8.04	6.53	
Friday 2	6.47		8.1	6.7	
Total 2	71.44	71.84	8.85	7.2	

Average	5.99	65.98	7.73	6	
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	Daily Total
Saturday	2148
Sunday	2107
Total Monday	1916
Total Tuesday	2366
Total Wednesday	2183
Total Thursday	2125
Total Friday	2145
Total	14990

Average	2141
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Week ending May 14/04

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total Cl ₂	Free Cl ₂	Fluoride
Saturday	6.53		.96	.42	
Sunday	6.50		.49	.36	
Total	13.03		1.05	.78	
Monday 1	6.56		.51	.39	
Total 1	19.59		1.56	1.17	
Monday 2	6.59		.50	.36	
Total 2	26.14		2.06	1.53	
Tuesday 1	6.53		.47	.37	
Total 1	32.67		2.53	1.9	
Tuesday 2	6.54		.53	.39	
Total 2	39.21		3.06	2.29	
Wednesday 1	6.44		.63	.49	
Total 1	45.69		3.69	2.78	
Wednesday 2	6.51		.48	.39	
Total 2	52.2		4.17	3.17	
Thursday 1	6.47		.63	.47	
Total 1	58.67		4.8	3.64	
Thursday 2	6.47		.34	.45	
Total 2	65.14		5.39	4.09	
Friday 1	6.47		.59	.46	
Total 1	71.61		5.98	4.58	
Friday 2	6.48		.63	.47	
Total 2	78.09		6.61	5.02	

Average	6.50		.55	.42	
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	Daily Total
Saturday	2692
Sunday	2107
Total Monday	2026
Total Tuesday	2113
Total Wednesday	2093
Total Thursday	2130
Total Friday	1897
Total	194158

Average	3065
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week ending May 7/04

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total Cl ₂	Free Cl ₂	Fluoride
Saturday	6.54		.65	.51	
Sunday	6.51		.66	.47	
Total	13.05		1.25	.98	
Monday 1	6.56		.53	.34	
Total 1	19.61		1.78	1.32	
Monday 2	6.51		.58	.44	
Total 2	26.12		2.36	1.81	
Tuesday 1	6.44		.44	.44	
Total 1	32.67		2.95	2.3	
Tuesday 2	6.43		.57	.44	
Total 2	39.2		3.52	2.74	
Wednesday 1	6.34		.62	.46	
Total 1	45.73		4.14	3.2	
Wednesday 2	6.39		.61	.46	
Total 2	52.14		4.75	3.66	
Thursday 1	6.54		.64	.53	
Total 1	58.69		5.39	4.19	
Thursday 2	6.42		.74	.54	
Total 2	65.21		6.13	4.78	
Friday 1	6.53		.68	.53	
Total 1	71.74		6.81	5.31	
Friday 2	6.56		.63	.48	
Total 2	78.24		7.44	5.79	

Average	6.52		.62	.48	
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	Daily Total
Saturday	1454
Sunday	2041
Total Monday	2025
Total Tuesday	2032
Total Wednesday	2124
Total Thursday	2133
Total Friday	2097
Total	14519

Average	2074
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WATER TREATMENT PLANT LOG WEEK ENDING

05/31/64

	TIME	AM	PM	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TOTAL
PH				9:30	9:30	9:44	4:30 PM				
TEMPERATURE				6.47	6.39	6.39	6.39				25.64
CHLORINE (TOTAL)				10.00	10.00	10.00	10.00				
CHLORINE (FREE)				.30	.67	.93	.75				2.65
FLUORIDE				.18	.53	.74	.59				
TURBIDITY				.39	.38	.40	.39				
LIME FEED RATE											
CHLORINE FLOW RATE				3.49	3.49	3.49	3.49				
FLUOR. STROKE/FREQ.											
POT. WATER TEMP.											
RESERVOIR LEVEL (1)					2.30	2.23	1.69				
RESERVOIR LEVEL (2)				3.57	4.05	3.97	3.35				
CHLORINE CYL. WEIGHT				90.28	87.28	85.28	84.28				
LIME BAG ADDED											
FLUORIDE DRUM CHANGE											
WATER METER CURR. LTR				455	800	458	058	460	248		
WATER METER PREV. LTR				453	548	455	800	458	057		
CONSUMPTION				2	252	2	258	2	190		6700
INITIALS				B.B.	B.B.	B.B.	B.B.				
NOTES				2.2 mld	2.2 mld	1.9 mld					
				57.3 m/cw	off	22.26 m/cw					
				off	off	100% power					
				0.18 90% Total Clear well		90% WT					
				1.07							

28 / 05 / 04

4.55.800

TIME	AM	PM	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TOTAL
PH			9 AM	9 AM	9 AM	9 AM	9 AM	9 AM	9 AM	
TEMPERATURE			6.36	6.50	6.46	6.39	6.40	6.43	6.47	6.49
CHLORINE (TOTAL)			10	10	10	10	10	10	10	10
CHLORINE (FREE)			78	81	82	76	75	82	83	73
FLUORIDE			6.03	6.2	6.7	6.5	6.9	6.6	6.57	5.1
TURBIDITY			38	39	38	39	39	39	39	38
LIME FEED RATE			30	30	30	30	30	30	30	30
CHLORINE FLOW RATE			30	30	30	30	30	30	30	30
FLUOR. STROKE/FREQ.										
POT. WATER TEMP.										
RESERVOIR LEVEL (1)										
RESERVOIR LEVEL (2)			4.18	3.89	4.06	3.66	2.75	3.13	2.74	3.20
CHLORINE CYL. WEIGHT										
LIME BAG ADDED										
FLUORIDE DRUM CHANGE										
WATER METER CURR. LTR			440	631	442	750	444	860	446	657
WATER METER PREV. LTR			438	743	440	731	442	750	444	860
CONSUMPTION			2	1088	1	919	2	110	1	798
INITIALS			BB	BB	BB	BB	BB	BB	BB	BB
NOTES			2.1 MLD	2.2 MLD	2.1 MLD	1.9 MLD	2.2 MLD	2.2 MLD	3.4 MLD	
			54.7 m ³ /hr	52.7 m ³ /hr	51.4 m ³ /hr	62.3 m ³ /hr	49.2 m ³ /hr	55.5 m ³ /hr	111.4 m ³ /hr	
			30% Power	30% Power	30% Power	30% Power	30% Power	30% Power	30% Power	
			90% Power	90% Power	90% Power	90% Power	90% Power	90% Power	90% Power	

CL2 in H

Tank down stair 1.5 total

WATER TREATMENT PLANT LOG WEEK ENDING 14/05/04

TIME	AM	PM	SATURDAY		SUNDAY		MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		TOTAL
			9 AM		9 AM		9 AM	4 PM	9 AM	4 PM	9 AM	4 PM	9 AM	4 PM	9 AM	4 PM	
PH			6.53		6.50		6.56	6.55	6.53	6.54	6.48	6.51	6.47	6.47	6.47	6.48	78.09
TEMPERATURE			10°C		10°C		10°	10°C	10°C	10°C	10°C	10°C	10°C	10°C	10°C	10°C	
CHLORINE (TOTAL)			.56		.49		.51	.50	.47	.53	.63	.48	.63	.59	.59	.63	6.61
CHLORINE (FREE)			.42		.36		.39	.36	.37	.39	.49	.39	.47	.45	.46	.47	5.02
FLUORIDE																	
TURBIDITY			.38		.37		.38	.38	.38	.38	.38	.39	.39	.38	.39	.38	
LIME FEED RATE																	
CHLORINE FLOW RATE			30/18		30/19		30/19	30/19	30/19	30/19	30/19	30/19	30/19	30/19	30/19	30/19	
FLUOR. STROKE/FREQ.																	
POT. WATER TEMP.																	
RESERVOIR LEVEL (1)																	
RESERVOIR LEVEL (2)			4.07		4.18		3.95	3.56	3.91	3.52	3.99	3.64	4.05	3.72	3.81	3.47	
CHLORINE CYL. WEIGHT																	
LIME BAG ADDED																	
FLUORIDE DRUM CHANGE																	
WATER METER CURR. LTR			411	387	413	494	415	520	417	633	419	726	421	856	423	753	
WATER METER PREV. LTR			4109	295	401	387	413	494	415	520	417	633	419	726	421	856	
CONSUMPTION			2	092	2	107	2	026	2	113	2	093	2	130	1	897	14458
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			2.1 MLD		2.1 MLD		2.2 MLD		2.1 MLD		2.2 MLD		2.1 MLD		2.2 MLD		
			51.4 MJ/cm2		50.2 MJ/cm2		49.0 MJ/cm2		50.0 MJ/cm2		51.5 MJ/cm2		52.3 MJ/cm2		51.7 MJ/cm2		
			30% Power		30% Power		30% Power		30% Power		30% Power		30% Power		30% Power		
			90% UV		90% UV		90% UV		New Barrel		90% UV				89% UV		

CL2 12%

	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		9 AM		9 AM	4 PM	9 AM	4 PM	9 AM	4 PM	9 AM	4 PM	9 AM	4 PM	78.24
TEMPERATURE	6.8/4		6.5/1		6.5/6	6.5/7	6.5/5	6.5/3	6.5/5	6.3/9	6.5/5	6.5/2	6.5/3	6.5/0	
	10°		10°		10°	10°	10°	10°	10°	10°	10°	10°	10°	10°	
CHLORINE (TOTAL)	6.5		6.0		6.53	5.7	5.9	5.7	6.2	6.1	6.4	7.4	6.8	6.3	744
CHLORINE (FREE)	5.1		4.7		3.9	4.4	4.5	4.4	4.6	4.6	5.3	5.9	5.3	4.8	579
FLUORIDE															
TURBIDITY	0.38		0.39		0.39	0.39	0.37	0.38	0.39	0.39	0.39	0.38	0.38	0.38	
LIME FEED RATE															
CHLORINE FLOW RATE	30/18		30/18		30/19	30/19	30/19	30/19	30/19	30/19	30/19	30/18	30/18	30/18	
FLUOR. STROKE/FREQ.															
POT. WATER TEMP.															
RESERVOIR LEVEL (1)															
RESERVOIR LEVEL (2)	3.92		4.05		3.89	3.6	3.71	3.38	3.89	3.49	3.83	3.52	3.71	3.43	
CHLORINE CYL. WEIGHT															
LIME BAG ADDED															
FLUORIDE DRUM CHANGE															
WATER METER CURR. LTR	396	735	398	826	400	904	402	936	405	065	407	198	409	295	
WATER METER PREV. LTR	394	726	396	735	398	826	400	904	420	936	405	065	407	198	
CONSUMPTION	1	959	2	091	2	078	2	032	2	129	2	133	2	097	14519
INITIALS	BB		BB		BB	BB	BB	BB	BB	BB	BB	BB	BB	BB	
NOTES	2.2 MLD		2.2 MLD		2.2 MLD		2.1 MLD		2.2 MLD		2.1 MLD		2.2 MLD		
	51.1 M/cu2	55.4 M/cu2	50.1 M/cu2	56.3 M/cu2	56.9 M/cu2	56.2 M/cu2	53.0 M/cu2								
	30% Power	30% Power	30% Power	30% Power	30% Power	30% Power	30% Power						30% Power		
	91% UVT		88% UVT		u		91% UVT						90% UVT		