

Oct 31 / 04

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total Cl ₂	Free Cl ₂	Fluoride
Saturday	6.58	15	.52	.45	
Sunday	6.55	15	.51	.48	
Total	13.13	30	1.03	.93	
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					
Total 2					
Friday 1					
Total 1					
Friday 2					
Total 2	13.13	30	1.03	.93	

Average	6.56	15	.51	.46	
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	Daily Total
Saturday	1792
Sunday	1911
Total Monday	
Total Tuesday	
Total Wednesday	
Total Thursday	
Total Friday	
Total	3713

Average	1856
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OCT 29/04

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total Cl ₂	Free Cl ₂	Fluoride
Saturday	6.77	15	.58	.54	
Sunday	6.79	15	.60	.50	
Total	13.56	30	1.18	1.04	
Monday 1	6.63	15	.58	.49	
Total 1	20.19	45	1.76	1.53	
Monday 2	6.71	15	.58	.50	
Total 2	26.9	60	2.34	2.03	
Tuesday 1	6.65	15	.57	.49	
Total 1	33.55	75	2.91	2.52	
Tuesday 2	6.56	15	.63	.54	
Total 2	40.11	90	3.54	3.06	
Wednesday 1	6.69	15	.59	.50	
Total 1	46.8	105	4.13	3.56	
Wednesday 2	6.55	15	.57	.47	
Total 2	53.35	120	4.7	4.03	
Thursday 1	6.59	15	.57	.48	
Total 1	59.44	135	5.27	4.51	
Thursday 2	6.59	15	.54	.45	
Total 2	66.53	150	5.81	4.95	
Friday 1	6.67	15	.52	.43	
Total 1	73.2	165	6.33	5.39	
Friday 2	6.57	15	.48	.39	
Total 2	79.77	180	6.81	5.78	

Average	6.64	15	.56	.48	
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	Daily Total
Saturday	16.77
Sunday	18.25
Total Monday	18.19
Total Tuesday	20.1
Total Wednesday	19.55
Total Thursday	18.91
Total Friday	17.89
Total	130.17

Average	18.59
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Oct 22/04

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total Cl ₂	Free Cl ₂	Fluoride
Saturday	6.64	15	60	50	
Sunday	6.72	15	46	46	
Total	13.36	30	106	96	
Monday 1	6.69	15	59	50	
Total 1	20.05	45	165	146	
Monday 2	6.56	15	64	55	
Total 2	26.61	60	229	201	
Tuesday 1	6.58	15	59	50	
Total 1	33.19	75	288	251	
Tuesday 2	6.71	15	58	50	
Total 2	40	90	346	301	
Wednesday 1	6.79	15	54	46	
Total 1	46.79	105	4	347	
Wednesday 2	6.58	15	59	50	
Total 2	53.37	120	459	397	
Thursday 1	6.61	15	53	49	
Total 1	59.78	135	517	446	
Thursday 2	6.58	15	72	62	
Total 2	66.56	150	589	508	
Friday 1	6.69	15	77	67	
Total 1	73.25	165	666	575	
Friday 2	6.66	15	74	65	
Total 2	79.91	180	74	64	
Average	6.65	15	161	133	

	Daily Total
Saturday	1789
Sunday	1555
Total Monday	2112
Total Tuesday	1584
Total Wednesday	2072
Total Thursday	1519
Total Friday	2224
Total	12860

Average	1837
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Oct 15 04

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total Cl ₂	Free Cl ₂	Fluoride
Saturday	6.96	15	2.55	1.46	
Sunday	6.68	15	2.57	1.48	
Total	13.67	30	5.12	2.94	
Monday 1	6.74	15	2.55	1.47	
Total 1	20.41	45	1.67	1.41	
Monday 2					
Total 2					
Tuesday 1	6.62	15	2.53	1.50	
Total 1	27.03	60	2.26	1.91	
Tuesday 2	6.63	15	2.60	1.50	
Total 2	33.71	75	2.86	2.41	
Wednesday 1	6.65	15	2.60	1.52	
Total 1	40.36	90	3.46	2.93	
Wednesday 2	6.71	15	2.57	1.49	
Total 2	47.07	105	4.03	3.42	
Thursday 1	6.69	15	2.61	1.51	
Total 1	53.76	120	4.64	3.93	
Thursday 2	6.67	15	2.62	1.53	
Total 2	60.43	135	5.26	4.46	
Friday 1	6.73	15	2.58	1.49	
Total 1	67.16	150	5.84	4.95	
Friday 2	6.75	15	2.55	1.50	
Total 2	73.91	165	6.39	5.45	

Average	6.71	15	2.58	1.49	
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	Daily Total
Saturday	1867
Sunday	1909
Total Monday	1805
Total Tuesday	1632
Total Wednesday	2351
Total Thursday	1504
Total Friday	1924
Total	12898

Average	1841
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OCT 08/04

Water Treatment Plant Weekly Tests

	pH	Temp (°C)	Total Cl ₂	Free Cl ₂	Fluoride
Saturday	6.74	15	1.52	.49	
Sunday	6.83	15	.57	.50	
Total	13.57	30	1.09	.99	
Monday 1	6.76	15	.68	.59	
Total 1	20.33	45	1.77	1.58	
Monday 2	6.65	15	.58	.50	
Total 2	26.98	60	2.35	2.08	
Tuesday 1	6.75	12	.60	.53	
Total 1	33.73	75	2.95	2.61	
Tuesday 2	6.77	15	.58	.49	
Total 2	40.5	90	3.53	3.1	
Wednesday 1	6.73	15	.57	.48	
Total 1	47.23	105	4.1	3.59	
Wednesday 2	6.75	15	.57	.46	
Total 2	53.98	120	4.67	4.04	
Thursday 1	6.81	15	.52	.45	
Total 1	60.79	135	5.14	4.49	
Thursday 2	6.62	15	.51	.43	
Total 2	67.41	150	5.7	4.92	
Friday 1	6.69	15	.55	.48	
Total 1	74.1	165	6.25	5.4	
Friday 2	7.17	15	.57	.50	
Total 2	81.27	180	6.82	5.9	

Average	6.77	15	.56	.49	
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	Daily Total
Saturday	2103
Sunday	1805
Total Monday	1844
Total Tuesday	1915
Total Wednesday	1941
Total Thursday	1836
Total Friday	1970
Total	13464

Average	1923
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OCT 01/04

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					
Total 2					
Friday 1	6.81	15	.59	.52	
Total 1					
Friday 2	6.69	15	.61	.52	
Total 2	13.5	30	1.19	1.04	
Average	6.75	15	.58	.52	

	Daily Total
Saturday	
Sunday	
Total Monday	
Total Tuesday	
Total Wednesday	
Total Thursday	
Total Friday	1722
Total	

Average	1722
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WATER TREATMENT PLANT LOG WEEK ENDING 31 10 04

		SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TOTAL
TIME	AM PM	9:45 AM	10:45 AM						
PH		6.58	6.55						13.13
TEMPERATURE		15°	15°						30
CHLORINE (TOTAL)		52	51						103
CHLORINE (FREE)		45	48						93
FLUORIDE		/	/						
TURBIDITY		38	40						
LIME FEED RATE		/	/						
CHLORINE FLOW RATE		2.24 g/s	0.89 g/s						
FLUOR. STROKE/FREQ.		/	/						
POT. WATER TEMP.		6.9°	5.6°						
RESERVOIR LEVEL (1)		2.21	2.03						
RESERVOIR LEVEL (2)		3.93	3.79						
CHLORINE CYL. WEIGHT		108	102						
LIME BAG ADDED		/	/						
FLUORIDE DRUM CHANGE		/	/						
WATER METER CURR. Ltrs.		759	151	761	072				
WATER METER PREV. Ltrs.		857	359	759	151				
CONSUMPTION		1	792	1	921				3713
INITIALS		PW	PW						
NOTES		1.2 mcd	1 mcd						
		876 m ³ /km ²	99.6 m ³ /km ²						
		30% Power	30% Power						
		90% CVT	91% CVT						

Basest of Road
Station 648316

WATER TREATMENT PLANT LOG WEEK ENDING 29/10/04

	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TOTAL
TIME AM PM	9 AM	9 AM	9 AM	9 AM	9 AM	9 AM	9 AM	79,777
PH	6.77	6.79	6.63	6.71	6.65	6.55	6.59	79,777
TEMPERATURE	15°	15°	15°	15°	15°	15°	15°	180
CHLORINE (TOTAL)	0.58	0.60	0.58	0.57	0.63	0.59	0.57	6.81
CHLORINE (FREE)	0.54	0.50	0.49	0.50	0.49	0.47	0.43	5.78
FLUORIDE	/	/	/	/	/	/	/	
TURBIDITY	0.39	0.38	0.37	0.37	0.37	0.37	0.38	
LIME FEED RATE	/	/	/	/	/	/	/	
CHLORINE FLOW RATE	18%	19%	26%	32%	31%	31%	29%	24%
FLUOR. STROKE/FREQ.	/	/	/	/	/	/	/	
POT. WATER TEMP.	5.3°	5.7°	5.8°	5.7°	5.5°	5.6°	5.7°	5.8°
RESERVOIR LEVEL (1)	2.22	2.21	2.05	1.91	1.95	1.94	2.05	1.95
RESERVOIR LEVEL (2)	3.93	3.94	3.21	3.57	3.62	3.39	3.77	3.66
CHLORINE CYL. WEIGHT	/	/	/	/	/	/	/	
LIME BAG ADDED	/	/	/	/	/	/	/	
FLUORIDE DRUM CHANGE	/	/	/	/	/	/	/	
WATER METER CURR. Ltrs.	7446	747	744	744	751	753	755	757
WATER METER PREV. Ltrs.	744	746	747	744	749	751	753	755
CONSUMPTION	1	1	1	2	2	1	1	13,017
INITIALS	RB	RB	RB	RB	RB	RB	RB	
NOTES	746019 1.2 MLD	1.2 MLD	1.8 MLD	2.4 MLD	1.9 MLD	1.7 MLD	1.6 MLD	
	86.1 mg/l cur 2.36.6 mg/l cur 2.03.4 mg/l cur 2.54.5 mg/l cur 1.5.6 mg/l cur 1.6.0 mg/l cur 1.9.5 mg/l cur							
	30% powder	30% powder						
	445 81%							

WATER TREATMENT PLANT LOG WEEK ENDING 22/10/04

	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TOTAL
TIME AM PM	9 ⁴ ^{AM}	12 ^{PM}	7 ⁴⁴ ^{AM} 1 ^{PM}	9 ⁴⁴ ^{AM} 2 ⁴⁴ ^{PM}	9 ⁴⁴ ^{AM} 11 ^{PM}	7 ³⁶ ^{AM} 4 ^{PM}	9 ⁴⁴ ^{AM} 4 ³⁰ ^{PM}	
PH	7.64	6.72	6.69 6.56	6.58 6.81	6.79 6.58	6.61 6.58	6.64 6.66	79.91
TEMPERATURE	15 ^{°C}	15 ^{°C}	15 ^{°C} 18 ^{°C}	15 ^{°C} 15 ^{°C}	15 ^{°C} 15 ^{°C}	15 ^{°C} 15 ^{°C}	15 ^{°C} 18 ^{°C}	130
CHLORINE (TOTAL)	60	16	59 6.44	59 5.8	5.41 5.59	5.8 5.8	7.2 7.7	7.4
CHLORINE (FREE)	50	36	50 5.5	50 5.0	5.6 5.0	4.9 4.2	6.7 6.5	6.4
FLUORIDE								
TURBIDITY	40	4	39 39	38 38	38 38	38 38	38 38	
LIME FEED RATE								
CHLORINE FLOW RATE	4 ⁴⁵ ^g	4 ⁴⁵ ^g	4 ⁴⁵ ^g 2	4 ⁴⁵ ^g 5	4 ⁴⁵ ^g 5	4 ⁴⁵ ^g 5	4 ⁴⁵ ^g 5	
FLUOR. STROKE/FREQ.								
POT. WATER TEMP.	43 ^{°C}	41 ^{°C}	39 ^{°C} 3.4 ^{°C}	3.6 ^{°C} 4.2 ^{°C}	4.6 ^{°C} 4.7 ^{°C}	4.5 ^{°C} 4.8 ^{°C}	4.7 ^{°C} 4.9 ^{°C}	
RESERVOIR LEVEL (1)	1.04	1.63	2.32 2.41	1.96 1.78	2.35 2.16	1.74 1.74	2.33 1.87	
RESERVOIR LEVEL (2)	4.00	3.55	3.96 4.01	2.73 3.49	3.40 3.40	3.51 3.58	1.60 3.66	
CHLORINE CYL. WEIGHT	29	24	16	13	6		1	
LIME BAG ADDED								
FLUORIDE DRUM CHANGE								
WATER METER CURR. Ltrs.	733	225 734	736 942	738 526	740 594	742 113	744 342	
WATER METER PREV. Ltrs.	731	486 733	734 830	536 942	738 526	740 594	742 113	
CONSUMPTION	1	739 1	2 11.8	1 58.4	2 6.72	1 51.9	2 22.9	12860
INITIALS	BB	BB	BB BB	BB BB	BB BB	BB BB	BB BB	
NOTES	off line		2.7 m/s	5 m/s	3.2 m/s	4.8 m/s	1.7 m/s	
	off 90%		4.5 m/s	2 m/s		4.1 m/s	6.5 m/s	
			3.5 m/s			3.5 m/s	3.5 m/s	
			1.5 m/s		1.2			

WATER TREATMENT PLANT LOG WEEK ENDING

08/10/04

	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TOTAL
TIME AM PM	9:10	9:00	9:10 4:30	9:10 4:30	9:10 4:30	9:10 4:30	9:10 4:30	
PH	6.74	6.83	6.76 6.65	6.75 6.77	6.73 6.75	6.81 6.62	6.64 7.17	81.27
TEMPERATURE	15.0	15.0	15.0 15.0	15.0 15.0	15.0 15.0	15.0 15.0	15.0 15.0	1300
CHLORINE (TOTAL)	.52	.57	.68 .58	.60 .58	.57 .57	.52 .51	.55 .57	6.82
CHLORINE (FREE)	.49	.50	.59 .50	.53 .49	.48 .46	.45 .43	.48 .50	5.9
FLUORIDE								
TURBIDITY	.41	.40	.41 .40	.41 .41	.41 .40	.40 .41	.40 .40	
LIME FEED RATE								
CHLORINE FLOW RATE	1/15 5	4/15 5	1/15 5 1/15 5	1/15 5 1/15 5	1/15 5 1/15 5	1/15 5 1/15 5	1/15 5 1/15 5	
FLUOR. STROKE/FREQ.								
POT. WATER TEMP.	7.3	6.2	5.3 5.4	5.2 6.3	5.3 6.2	6.3 6.5	6.4 5.9	
RESERVOIR LEVEL (1)	2.23	2.16	1.98 1.92	2.05 1.78	2.04 1.95	2.10 1.56	2.06 1.87	
RESERVOIR LEVEL (2)	1.00	3.72	3.76 3.56	3.81 3.47	3.30 3.63	3.36 3.53	3.84 3.52	
CHLORINE CYL. WEIGHT	116	109	102	99	94	19	84	
LIME BAG ADDED								
FLUORIDE DRUM CHANGE								
WATER METER CURR. Ltrs.	07	227	709 632	712 841	714 732	716 618	718 598	
WATER METER PREV. Ltrs.	105	124	709 032	710 926	712 841	714 782	716 618	
CONSUMPTION	2	103	1	915	1	941	1	13464
INITIALS	BJS	BJS	BJS BJS	BJS BJS	BJS BJS	BJS BJS	PJD PJD	
NOTES	off	off	2.6 mld	2.4 mld	2.4 mld	2.5 mld	2.4 mld	
		lime	47.6 mg/L	51.3 mg/L	49.0 mg/L	49.0 mg/L	50.4 mg/L	
			20% for	30% for	90% w/t		90% w/t	
	90%		91% w/t				90% w/t	

01/10/24

	TIME	AM	PM	SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	TOTAL
PH										9.44 PM	
TEMPERATURE										68.1 6.69	13.5
CHLORINE (TOTAL)										1.5 1.5	3.0
CHLORINE (FREE)										.27 .60	1.19
FLUORIDE										.52 .52	1.04
TURBIDITY										.40 .41	
LIME FEED RATE										4.55 4.55	
CHLORINE FLOW RATE										4.55 4.55	
FLUOR. STROKE/FREQ.										4.55 4.55	
POT. WATER TEMP.										5.35 5.8	
RESERVOIR LEVEL (1)										198 1.76	
RESERVOIR LEVEL (2)										289 2.44	
CHLORINE CYL. WEIGHT										122 1.2	
LIME BAG ADDED											
FLUORIDE DRUM CHANGE											
WATER METER CURR. Ltrs.										705 124	
WATER METER PREV. Ltrs.										703 406	
CONSUMPTION										1 722	1722
INITIALS										8/8	
NOTES										2.5 PM 47.1 m/sec 30.6 PM	