Water Treatment Plant Log

Iqaluit

Week ending Jan 6/2023

Week Ending:	Saturday		Sunday		Monday		Tuesday		Wednesday		Thursday		Friday	
CL2 Cylinder Duty	1		1	1	1		1	1	1	1	1	1	1	1
Chlorine Cycle Weight (kg)	17.9		11.8	54	5.4		61.4	58.8	56.8	52.8	48.6	46.2	40.6	39.4
Chlorine Flow Rate %	40%		32%	31%	31%		52%	51%	14%	43%	51%	29%	51%	30%
Rota Meter	6		6	6	6		11	12	4.1	10.2	11.3	6	11	6.2
U.V System Duty	1		1	1	1		1	1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0	5.0	5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	48.0		48.7		48.7		47.1	49.7	48.8	48.6	52.2	48.6	46.4	48.8
U.V Power %	44%		44%		44%		44%	44%	44%	44%	44%	44%	44%	44%
UVT %	92.5		92.5		92.5		92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
Reservoir Level (1)	/		/		/		/	/	/	/	/	/	/	4.06
Reservoir Level (2)	4.05		4.08		4.04		4.01	4.06	4.04	4.02	4.08	4.05	4.07	4.09
Filtered Water Temp. °C	6.0		6.2				6.7	5.0	4.0	5.4	5.68	5.65	5.87	5.86
Raw Water Temp. °C	4.7		4.8				5.8	4.0	3.6	3.8	2.5	3.9	4.7	4.5
Raw Water Inlet Pressure (kpa)	98.8		101.2		94.3		95.8	95.1	98.2	97.9	94.7	102.1	94.7	101.9
Water Meter Current (L)	883337		886759		889586		892482	893520	895250	896644	898626	899447	901629	902357
Water Meter Previous (L)	880371		883337		886759		889586	892482	893520	895250	896644	898626	899447	901629
Consumption	2966		3422		3827		2896	1038	1730					
Flow to Town	1707		2046		2306		2289	2149	2036	2220	2048	2044	2151	2007
Time					0800		0830	1600	0600	1600	0600	1600	0900	1330
Employee Initials	PW		PW		PW		PW	PW	PW	PW	RB	RB	RB	RB
Notes:														

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Iqaluit WTP daily Labwork

Day:

Raw Water

	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	7.37 /	7.39 /	7.42 /	7.41 / 7.41	7.39 / 7.02	6.75 / 6.81	6.25 / 6.87
Temperature (c°)	4.7 /	4.8 /	4.6 /	5.7 / 4.9	3.6 / 3.8	2.4 / 3.9	4.7 / 4.7
Turbidity	.31 /	.32 /	.39 /	.28 / 1.30	.30 / .30	.30 / 1.28	0.31 / 0.37

Treated Water

PH	7.37 /	7.32 /	7.48 /	7.51 / 7.36	7.35 / 7.00	7.08 / 7.08	7.24 / 7.12
Temperature (c°)	6.0 /	6.2 /	6.7 /	6.7 / 6.0	4.1 / 5.4	7.8° / 8.3	8.1 / 8.5
Turbidity	.34 /	.22 /	.33 /	.25 / .24	.29 / .44	0.36 / 0.27	0.21 / .44
Free Cl2 mg/l	1.29 /	1.31 /	1.33 /	1.27 / 1.22	1.04 / 1.12	1.23 / 1.54	1.11 / 1.21
Total Cl2 mg/l	1.41 /	1.42 /	1.45 /	1.53 / 1.60	1.28 / 1.39	1.46 / 1.68	1.54 / 1.36

Initial	PW /	PW /	PW /	PW / PW	PW / PW	RE / RE	RE / RE
Time	12:00 /	1000 /	1000 /	0830 / 0900	1600 / 1600	0900 / 1400	0900 / 1330

Week Ending Date The: Jan 7 2023

Water Treatment Plant Log

Iqaluit

week ending Jan 13

Week Ending:	Saturday		Sunday		Monday		Tuesday		Wednesday		Thursday		Friday	
CL2 Cylinder Duty	1		1	1	1	1	1	1	1	1	1	1	1	1
Chlorine Cycle Weight (kg)	31.6		25	47		16.6	12.8	10.4	4.8	2.0	67.4	65.6	62	60.8
Chlorine Flow Rate %	51%		37%	51%		33%	46%	45%	58%	43%	55%	54%	58%	49%
Rota Meter	11		8.5	11		7	10	10	12	9	12	12	12.3	10
U.V System Duty	1		1	1		1	1	2	2	2	2	2	2	1
Mega Litre Per Day	5.0		5.0	5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	42.1		53.5	51.2		51.4	68.9	49.9	48.1	49.9	55.5	64.4	56.2	53.6
U.V Power %	48%		48%	48%		48%	53%	44%	44%	44%	48%	58%	48%	44%
UVT %	92.5		92.5	92.5		92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
Reservoir Level (1)	4.07		4.05	4.04		3.98	3.73	4.09	4.02	4.0	4.04	3.85	4.07	3.97
Reservoir Level (2)	4.041		4.09	4.0		4.009	3.774	4.055	4.04	4.03	4.06	3.85	4.06	3.99
Filtered Water Temp. °C	5.92		5.86	5.83		5.71	5.74	5.64	5.67	5.53	5.61	5.57	5.61	5.51
Raw Water Temp. °C	5.6		4.0	2.4		4.1	5.4	4.5	2.2	2.9	2.4	3.6	2.0	1.5
Raw Water Inlet Pressure (kpa)	94.6		97.5	94.7		105.5	96.3	99	96.3	96.9	92.4	92.8	96.1	96.2
Water Meter Current (L)	905438		908490	911161		912372	913938	914887	917252	918345	920477	921401	923643	924383
Water Meter Previous (L)	902387		905438	908490		911161	912372	913938	914887	917252	918345	920477	921401	923643
Consumption	3051		3052	2671		1211	1566	949	2365	1093	2132	924	2242	740
Flow to Town	2403		2384	2117		2486	2148	2139	2195	2117	2174	2388	2327	2019
Time	1230		1300	0930		1300	0900	1301	0900	1650	0900	1505	0830	1330
Employee Initials	RE		RE	RE		RE	RE	RE	RE	RE	RE	RE	RE	RE
Notes:														

Iqaluit WTP daily Labwork

Day:

Raw Water

	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.25 /	6.75 /	6.26 / 6.24	6.84 / 6.82	6.72 / 6.78	6.81 / 6.82	6.27 / 6.26
Temperature (c°)	5.6 /	4.0 /	3.2 / 3.3	4.1 / 4.0	4.5 / 4.4	4.6 / 4.6	4.7 / 4.6
Turbidity	.44 /	.53 /	.51 / .49	.59 / .49	.49 / .58	.52 / .55	.57 / .56

Treated Water

PH	7.28 /	6.75 /	6.38 / 7.16	6.84 / 6.84	[illegible] / 6.92	7.06 / 7.04	7.15 / 7.12
Temperature (c°)	8.2 /	7.3 /	7.2 / 8.5	8.5 / 7.5	7.4 / 7.1	8.1 / 8.1	8.1 / 7.5
Turbidity	.93 /	.25 /	.56 / .65	.54 / .45	.58 / .38	.48 / .49	.49 / .21
Free Cl2 mg/l	1.03 /	1.19 /	1.30 / 1.21	1.20 / 1.30	1.18 / 1.31	1.14 / 1.16	1.16 / 1.14
Total Cl2 mg/l	1.13 /	1.52 /	1.46 / 1.86	1.56 / 1.66	1.36 / 1.66	1.36 / 1.34	1.41 / 1.36

Initial	PW /	PW /	PW / PW	PW / PW	PW / PW	PW / PW	PW / PW
Time	10:00 /	10:00 /	1000 / 1600	1000 / 1600	1000 / 1600	1000 / 1600	1000 / 1600

Week Ending Date The: Jan 13/2023

Water Treatment Plant Log

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Week Ending: Jan 20/2023	14 Saturday		15 Sunday		16 Monday		17 Tuesday		18 Wednesday		19 Thursday		20 Friday	
CL2 Cylinder Duty	1	1 →			1	1	1	1	1	1	1	1	1	1
Chlorine Cycle Weight (kg)	56.8	50.6			43.4	41.4	37.6	35.0	31.0	28.6	24.8	22.2	18.2	16.0
Chlorine Flow Rate %	33%	54%			36	38	63%	45%	58%	51%	64%	43%	29%	63%
Rota Meter	3	2.5			8	12.6	11.8	10.0	12.2	10.8	14.0	9.8	6.0	13.8
U.V System Duty	1	1			1	1	1	1	1	2	2	2	2	2
Mega Litre Per Day	5.0	5.0			5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	45.6	46.5			48.3	49.7	50.1	53.0	52.9	56.5	47.0	54.9	55.5	52.4
U.V Power %	44%	48%			51.2	48%	48%	53%	48%	48%	44%	48%	44%	48%
UVT %	92.5	92.5 →			92.5	92.5	92.5	92.5%	92.5%	92.5%	92.5%	92.5%	92.5%	92.5%
Reservoir Level (1)	3.43	3.96			4.03	4.02	4.02	4.07	4.04	4.03	4.04	4.02	4.01	4.04
Reservoir Level (2)	3.47	3.99			4.07	4.04	4.05	4.09	4.07	4.06	4.07	4.05	4.05	4.07
Filtered Water Temp. °C	5.45	5.84			8.48	8.54	5.07	4.76	4.82	4.90	4.99	4.99	5.61	5.60
Raw Water Temp. °C	2.0	2.5			5.57	5.67	2.7	0.9	1.7	2.8	2.4	4.5	5.3	4.5
Raw Water Inlet Pressure (kpa)	104.7	92.5			98.2	90.3	87.7	95.6	90.2	92.9	87.3	96.1	100.2	87.2
Water Meter Current (L)		929976			933790	934731	936737	938053	940142	941325	943428	944728	946959	948017
Water Meter Previous (L)	924883	924883			929976	933790	934731	936737	938053	940142	941325	943428	944728	946959
Consumption	926122	→			2814	941	2006	1316	2089	1183	2103	1300	2231	1058
Flow to Town	2432	2752			2064	1998	2841	2275	2245	2110	2638	2411	2417	2514
Time	0800	1000			1000	1600	0830	1615	0900	1615	0830	1645	0945	1600
Employee Initials	RB	RB			PW	PW	PM	PM	PM	PM	PM	PM	PM	PM
Notes:														

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Iqaluit WTP daily Labwork

Day:

Raw Water

	14 Saturday	15 Sunday	16 Monday	17 Tuesday	18 Wednesday	19 Thursday	20 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.79 /	5.92 /	7.11 / 7.17	6.54 / 6.91	6.95 / 6.86	6.86 / 6.90	6.82 / 6.80
Temperature (c°)	2.8 /	2.5 /	5.3 / 3.8	4.2 / 3.7	4.7 / 5.7	4.5 / 5.1	5.3 / 4.3
Turbidity	.72 /	.73 /	.74 / 1.36	0.17 / 0.20	0.18 / 0.18	0.18 / 0.18	0.17 / 0.17

Treated Water

PH	7.2 /	7.23 /	6.99 / 7.10	~~7.10~~ 6.43 / 6.80	6.95 / 6.91	6.91 / 6.96	6.93 / 6.87
Temperature (c°)	9.2 /	8.2 /	7.8 / 7.9	pm ~~7.9~~ 5.6 / 5.6	5.5 / 5.5	5.5 / 5.6	4.8 / 5.6
Turbidity	.31 /	.63 /	.40 / .43	0.19 / 0.20	0.20 / 0.24	0.19 / 0.19	0.19 / 0.19
Free Cl2 mg/l	1.25 /	1.44 /	1.60 / 1.09	1.18 / 1.21	1.18 / 1.22	1.17 / 1.22	1.21 / 1.23
Total Cl2 mg/l	1.70 /	1.50 /	1.78 / 1.81	1.35 / 1.41	1.35 / 1.42	1.36 / 1.45	1.41 / 1.44

Initial	PW /	PW /	PW / PW	PM / PM	PM / PM	PM / PM	PM / PM
Time	1000 /	1000 /	1000 / 1600	0845 / 1630	0845 / 1630	0845 / 1700	0945 / 1615

Week Ending Date The: Jan 20/2023

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Water Treatment Plant Log

Week Ending: Jan. 27, 2023	21 Saturday		22 Sunday		23 Monday		24 Tuesday		25 Wednesday		26 Thursday		27 Friday	
CL2 Cylinder Duty	1		2		2	2	2	2	2	2	2	2	2	2
Chlorine Cycle Weight (kg)	12.6		57.0		50.2	46.4	42.4	39.4	34.2	31.6	26.2	22.8	17.4	15.2
Chlorine Flow Rate %	84%		69%		64%	45%	63%	57%	55%	69%	63%	63%	57%	51%
Rota Meter	18.0		12.5		11.9	10.0	13.8	10.2	12.0	13.0	11.8	13.0	12.1	11.2
U.V System Duty	2		2		2	2	2	2	2	2	2	2	2	2
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	49.2		48.2		52.0	47.2	49.4	48.1	47.3	48.2	48.6	48.5	45.5	49.9
U.V Power %	44%		44%		48%	62%	44%	44%	44%	44%	44%	44%	44%	44%
UVT %	92.5%		92.5%		92.5%	92.5%	92.5%	92.5%	92.5%	92.5%	92.5%	92.5%	92.5%	92.5%
Reservoir Level (1)	3.95		4.03		4.03	4.06	4.00	4.00	4.04	4.04	3.98	4.01	4.06	4.00
Reservoir Level (2)	3.99		4.06		4.06	4.09	4.03	4.03	4.08	4.07	4.02	4.04	4.09	4.03
Filtered Water Temp. °C	6.33		6.52		5.60	5.80	5.70	5.51	5.10	5.00	5.40	5.40	4.85	5.10
Raw Water Temp. °C	4.4		4.2		4.8	5.2	4.6	4.4	4.5	4.4	4.7	4.4	4.5	4.6
Raw Water Inlet Pressure (kpa)	75.8		84.1		87.2	94.9	87.1	89.7	91.1	83.9	87.0	86.9	89.4	92.0
Water Meter Current (L)	950467		954374		957577	959176	961145	962457	965058	966150	968392	969917	972372	973511
Water Meter Previous (L)	948017		950467		954374	957577	959176	961145	962457	965058	966150	968392	969917	972372
Consumption	2450		3907		3203	1599	1969	1312	2601	1092	2742	1525	2455	1139
Flow to Town	2601		3020		2659	2571	2471	2698	2747	2686	3288	2386	2514	2559
Time	0900		0900		0830	1730	0830	1630	0945	1600	0800	1630	0915	1600
Employee Initials	PM		PM		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
Notes:														

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Iqaluit WTP daily Labwork

Day:

Raw Water

	21 Saturday	22 Sunday	23 Monday	24 Tuesday	25 Wednesday	26 Thursday	27 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.90 /	6.93 /	6.86 / 6.86	6.88 / 6.92	6.87 / 7.03	7.01 / 7.03	6.98 / 7.02
Temperature (c°)	4.4 /	4.6 /	4.6 / 5.2	4.4 / 4.6	4.5 / 4.1	4.3 / 4.7	4.5 / 4.4
Turbidity	0.17 /	0.18 /	0.20 / 0.18	0.19 / 0.21	0.19 / 0.17	0.19 / 0.17	0.18 / 0.18

Treated Water

PH	6.83 /	6.93 /	6.87 / 6.81	6.84 / 6.87	6.57 / 6.90	6.89 / 6.90	6.88 / 6.88
Temperature (c°)	5.7 /	5.7 /	5.4 / 5.3	5.4 / 5.5	5.2 / 5.0	5.4 / 5.3	5.3 / 5.4
Turbidity	0.18 /	0.20 /	0.19 / 0.19	0.19 / 0.19	0.23 / 0.19	0.21 / 0.21	0.34 / 0.20
Free Cl2 mg/l	1.15 /	1.17 /	1.15 / 1.01	1.18 / 1.25	1.03 / 1.29	1.18 / 1.24	1.22 / 1.23
Total Cl2 mg/l	1.37 /	1.35 /	1.35 / 1.42	1.36 / 1.44	1.38 / 1.50	1.41 / 1.45	1.42 / 1.45

Initial	PM /	PM /	PM / PM	PM / PM	PM / PM	PM / PM	PM / PM
Time	0915 /	0930 /	0845 / 1730	0845 / 1630	1000 / 1615	0815 / 1645	0930 / 1615

Week Ending Date The: Jan 27th, 2023

Iqaluit Water Treatment Plant Monthly Tasks

	Task Completed?
• Handheld Cl2 Meter Calibration	✓
• Handheld Turbidity Meter Calibration	✓
• Raw Water PH Analyzer Calibration	✓
• Raw Water Turbidity Meter Calibration	✓
• Test A Sampling Program	✓
• Health and Safety Inspection	○
• Eye Wash Station Checks	✓
• WTP Inventory	✓

Name: Peter Martel **Month:** February, 2023

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Iqaluit

Water Treatment Plant Log

Week Ending: Feb 3rd, 2023	28 Saturday		29 Sunday		30 Monday		31 Tuesday		1 Wednesday		2 Thursday		3 Friday	
CL2 Cylinder Duty	2		2		2	2	2	2	2	2	2	2	2	2
Chlorine Cycle Weight (kg)	8.2		2.4		59.8	56.6	52.4	49.6	44.4	41.6	36.8	34.6	29.4	26.6
Chlorine Flow Rate %	63%		43%		63%	60%	57%	51%	68%	37%	51%	51%	63%	51%
Rota Meter	13.8		6.0		11.8	13.0	12.2	11.8	13.2	8.0	11.8	11.8	11.8	8.0
U.V System Duty	2		2		2	2	2	2	2	2	2	2	2	2
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	48.3		48.9		48.7	47.2	48.6	49.4	45.5	48.4	48.2	48.9	46.2	56.2
U.V Power %	44%		44%		44%	44%	44%	48%	44%	44%	44%	44%	44%	44%
UVT %	92.5%		92.5%		92.5%	92.5%	92.5%	92.5%	92.5%	92.5%	92.5%	92.5%	92.5%	92.5%
Reservoir Level (1)	4.02		4.03		4.06	4.06	4.00	4.00	4.05	4.00	4.02	4.00	4.04	4.06
Reservoir Level (2)	4.06		4.07		4.09	4.09	4.05	4.04	4.08	4.05	4.06	4.04	4.08	4.06
Filtered Water Temp. °C	4.79		4.88		5.00	5.17	5.26	5.26	5.30	5.26	5.50	5.50	5.76	5.70
Raw Water Temp. °C	4.1		5.2		5.0	5.1	4.7	4.8	6.6	7.0	5.5	5.7	4.7	4.2
Raw Water Inlet Pressure (kpa)	86.6		94.9		86.6	87.8	88.9	91.7	83.8	96.7	91.4	91.4	85.9	91.2
Water Meter Current (L)	975731		979552		984181	985499	987512	988829	991186	992386	994740	995702	998181	999529
Water Meter Previous (L)	973511		975731		979552	984181	985499	987512	988829	991186	992386	994740	995702	998181
Consumption	2220		3821		4629	1318	2013	1317	2357	1200	2354	962	2479	1348
Flow to Town	3341		2498		2760	2347	2464	2297	2780	2354	2541	2181	2609	2676
Time	0800		0800		0900	1630	0815	1615	0900	1630	1000	1600	0900	1645
Employee Initials	PM		PM		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
Notes:														

Iqaluit WTP daily Labwork

Day:

Iqaluit

Raw Water

	28 Saturday	29 Sunday	30 Monday	31 Tuesday	1 Wednesday	2 Thursday	3 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.98 /	7.01 /	6.95 / 6.98	6.89 / 6.91	6.87 / 6.83	6.85 / 6.87	6.84 / 6.87
Temperature (c°)	4.2 /	4.3 /	4.3 / 4.7	3.9 / 4.2	4.4 / 5.8	5.7 / 5.4	4.6 / 4.3
Turbidity	0.18 /	0.20 /	0.19 / 0.19	0.18 / 0.18	0.19 / 0.18	0.21 / 0.18	0.19 / 0.18

Treated Water

PH	6.80 /	6.83 /	6.83 / 6.83	6.77 / 6.79	6.80 / 6.71	6.73 / 6.72	6.72 / 6.79
Temperature (c°)	5.2 /	5.2 /	5.2 / 5.3	5.2 / 5.4	5.4 / 5.5	5.7 / 5.4	5.5 / 5.4
Turbidity	0.20 /	0.19 /	0.19 / 0.19	0.19 / 0.18	0.19 / 0.18	0.19 / 0.23	0.19 / 0.19
Free Cl2 mg/l	1.25 /	0.94 /	1.10 / 1.15	1.17 / 1.24	1.23 / 1.27	1.18 / 1.28	1.27 / 1.14
Total Cl2 mg/l	1.55 /	1.11 /	1.21 / 1.37	1.32 / 1.48	1.51 / 1.50	1.32 / 1.48	1.54 / 1.33

Initial	PM /	PM /	PM / PM	PM / PM	PM / PM	PM / PM	PM / PM
Time	0815 /	0800 /	0915 / 1645	0830 / 1630	0915 / 1645	1015 / 1600	0915 / 1645

Week Ending Date The: February 3rd, 2023

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Iqaluit

Water Treatment Plant Log

Week Ending: Feb 10, 2023	4 Saturday		5 Sunday		6 Monday		7 Tuesday		8 Wednesday		9 Thursday		10 Friday	
CL2 Cylinder Duty	2		2		2	2	2	2	2	2	2	2	2	2
Chlorine Cycle Weight (kg)	16.6		6.2		60.6	56.8	50.8	47.6	42.0	38.2	33.6	30.4	25.2	22.4
Chlorine Flow Rate %	84 %		82 %		80 %	54 %	65 %	59 %	48 %	46 %	41 %	60 %	66 %	39 %
Rota Meter	2.0		18.0		18.0	12.0	14.0	13.0	10.5	10.0	9.0	13.0	14.0	8.0
U.V System Duty	2		2		1	1	1	1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	47.5		48.8		49.4	49.8	43.2	50.0	49.7	54.5	55.7	50.4	50.5	52.9
U.V Power %	44 %		44 %		48 %	48 %	44 %	48 %	48 %	48 %	53 %	48 %	48 %	48 %
UVT %	92.5%		92.5%		92.5%	92.5%	92.5%	92.5%	92.5%	92.5%	92.5%	92.5%	92.5%	92.5%
Reservoir Level (1)	3.28		3.94		3.85	3.98	4.04	4.04	4.01	4.04	4.01	4.02	4.06	4.01
Reservoir Level (2)	3.31		4.01		3.93	4.03	4.08	4.08	4.06	4.09	4.07	4.06	4.09	4.05
Filtered Water Temp. °C	4.97		5.04		5.19	5.17	5.37	5.30	5.34	5.30	5.35	5.30	5.36	5.28
Raw Water Temp. °C	4.0		3.7		3.6	4.5	4.2	4.4	5.5	4.8	5.5	4.7	5.0	4.8
Raw Water Inlet Pressure (kpa)	73.3		74.6		73.9	88.0	82.6	85.3	90.7	~~4.8~~ 92.5	93.5	85.0	79.5	93.2
Water Meter Current (L)	1004044		1008780		1014570	1016339	1019009	1020418	1023045	1024907	1027394	1028767	1031438	1032758
Water Meter Previous (L)	999529		1004044		1008780	1014570	1016339	1019009	1020418	1023045	1024907	1027394	1028767	1031438
Consumption	4515		4736		5790	1769	2670	1409	2627	1862	2487	1373	2671	1320
Flow to Town	2882		4725		4839	3228	2864	3183	2995	3074	6778	3000	3196	2824
Time	1100		0900		0930	1645	0900	1615	0900	1815	0930	1630	0900	1600
Employee Initials	PM		PM		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
Notes:														

Iqaluit WTP daily Labwork

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Iqaluit

Day:

Raw Water

	4 Saturday	5 Sunday	6 Monday	7 Tuesday	8 Wednesday	9 Thursday	10 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.87 /	6.84 /	6.93 / 6.91	6.89 / 6.82	6.82 / 6.81	6.81 / 6.87	6.85 / 6.87
Temperature (c°)	4.4 /	4.1 /	3.2 / 5.4	4.6 / 4.7	4.3 / 4.3	4.7 / 4.8	3.2 / 4.8
Turbidity	0.19 /	0.19 /	0.18 / 0.21	0.17 / 0.21	0.16 / 0.21	0.16 / 0.17	0.18 / 0.17

Treated Water

PH	6.77 /	6.79 /	6.80 / 6.78	6.76 / 6.73	6.71 / 6.73	6.70 / 6.74	6.76 / 6.79
Temperature (c°)	4.8 /	4.7 /	4.6 / 4.6	4.9 / 4.9	5.1 / 4.9	4.6 / 4.8	4.8 / 4.8
Turbidity	0.20 /	0.21 /	0.21 / 0.18	0.18 / 0.17	0.24 / 0.19	0.18 / 0.17	0.18 / 0.17
Free Cl2 mg/l	1.30 /	1.34 /	1.05 / 1.17	1.24 / 1.22	1.18 / 1.24	1.27 / 1.27	1.23 / 1.22
Total Cl2 mg/l	1.53 /	1.53 /	1.26 / 1.41	1.42 / 1.41	1.40 / 1.46	1.46 / 1.53	1.46 / 1.43

Initial	PM /	PM /	PM / PM	PM / PM	PM / PM	PM / PM	PM / PM
Time	1115 /	0915 /	0945 / 1700	0915 / 1630	1000 / 1800	0945 / 1645	0915 / 1600

Week Ending Date The: February 10, 2023

Water Treatment Plant Log

Iqaluit

Week Ending: Feb 17, 2023	11 Saturday		12 Sunday		13 Monday		14 Tuesday		15 Wednesday		16 Thursday		17 Friday	
CL2 Cylinder Duty	2		2		1	1	1	1	1	1	1	1	1	1
Chlorine Cycle Weight (kg)	16.2		7.2		62.6	59.2	49.8	45.2	39.4	34.0	30.0	26.0	20.0	17.8
Chlorine Flow Rate %	56 %		62 %		66 %	51 %	75 %	75 %	69 %	44 %	70 %	39 %	67 %	34 %
Rota Meter	12.0		11.8		14.0	11.5	16.0	16.0	13.0	10.0	15.0	8.2	12.0	6.0
U.V System Duty	1		1		1	1	1	1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	50.4		45.1		50.3	49.5	49.1	49.1	50.4	50.0	48.1	50.2	48.8	50.0
U.V Power %	48 %		48 %		48 %	48 %	48 %	48 %	48 %	48 %	48 %	48 %	48 %	48 %
UVT %	92.5 %		92.5 %		92.5 %	92.5 %	92.5 %	92.5 %	92.5 %	92.5 %	92.5 %	92.5 %	92.5 %	92.5 %
Reservoir Level (1)	3.99		4.01		4.01	3.97	3.83	3.91	4.01	4.02	4.01	3.98	4.06	3.99
Reservoir Level (2)	4.04		4.06		4.05	4.02	3.89	3.95	4.05	4.07	4.05	4.03	4.09	4.04
Filtered Water Temp. °C	5.32		5.26		5.27	5.21	4.95	4.85	5.16	5.01	5.13	5.08	5.14	5.11
Raw Water Temp. °C	4.3		4.7		4.4	4.7	5.3	4.8	5.0	5.0	4.7	4.7	4.3	4.2
Raw Water Inlet Pressure (kpa)	85.5		81.9		80.3	88.3	74.0	74.4	77.7	91.0	89.4	93.2	90.0	94.9
Water Meter Current (L)	1035705		1040435		1044080	1045599	1050081	1052203	1054978	1057521	1059543	1061308	1064276	1065472
Water Meter Previous (L)	1032758		1035705		1040435	1044080	1045599	1050081	1052203	1054978	1057521	1059543	1061308	1064276
Consumption	2947		4730		3645	1519	4482	2122	2775	2543	2022	1765	2968	1196
Flow to Town	3228		3246		3133	2945	5467	3094	3741	3426	3519	3013	3129	2933
Time	0800		0800		0900	1615	0915	1630	0800	2015	0815	1645	0900	1600
Employee Initials	PM		PM		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
Notes:														

Iqaluit WTP daily Labwork

Iqaluit

Day:

Raw Water

	11 Saturday	12 Sunday	13 Monday	14 Tuesday	15 Wednesday	16 Thursday	17 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.88 /	6.84 /	6.93 / 6.90	6.93 / 6.89	6.90 / 6.83	6.91 / 6.93	6.91 / 6.89
Temperature (c°)	5.3 /	4.8 /	4.1 / 3.9	4.1 / 3.5	3.3 / 5.4	4.1 / 5.3	4.8 / 4.3
Turbidity	0.17 /	0.17 /	0.16 / 0.18	0.15 / 0.17	0.18 / 0.17	0.17 / 0.19	0.17 / 0.20

Treated Water

PH	6.75 /	6.77 /	6.82 / 6.81	6.83 / 6.79	6.83 / 6.79	6.78 / 6.81	6.80 / 6.80
Temperature (c°)	4.9 /	4.9 /	4.9 / 4.8	4.4 / 4.7	4.9 / 4.9	4.7 / 4.7	4.9 / 4.7
Turbidity	0.18 /	0.21 /	0.17 / 0.22	0.18 / 0.17	0.19 / 0.24	0.18 / 0.20	0.18 / 0.19
Free Cl2 mg/l	1.17 /	1.21 /	0.76 / 0.99	1.18 / 1.17	1.12 / 1.18	1.13 / 1.18	1.11 / 1.21
Total Cl2 mg/l	1.39 /	1.45 /	1.03 / 1.20	1.39 / 1.38	1.33 / 1.40	1.34 / 1.40	1.31 / 1.64

Initial	PM /	PM /	PM / PM	PM / PM	PM / PM	PM / PM	PM / PM
Time	0915 /	0815 /	0915 / 1615	0930 / 1645	0830 / 2030	0830 / 1700	0900 / 1615

Week Ending Date The: February 17, 2023

Water Treatment Plant Log

Iqaluit

Week Ending: Feb 24, 2023	18 Saturday		19 Sunday		20 Monday		21 Tuesday		22 Wednesday		23 Thursday		24 Friday	
CL2 Cylinder Duty	1		1		1	2	2	2	2	2	2		2	2
Chlorine Cycle Weight (kg)	12.4		4.8		64.8	62.4	56.2	52.0	45.6	41.6	35.8		24.6	20.8
Chlorine Flow Rate %	52%		64%		65%	44%	72%	69%	69%	50%	69%		69%	54%
Rota Meter	11.9		13.2		13.6	9.1	13.7	12.2	14.2	12.2	14.0		14.0	11.8
U.V System Duty	1		1		1	1	1	1	1	1	1		1	1
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0		5.0	5.0
MJ/CM²	49.3		49.4		49.8	48.2	50.5	49.2	48.1	49.5	49.5		49.3	50.4
U.V Power %	92.5		92.5		92.5	92.5	48%	48%	48%	48%	48%		48%	48%
UVT %	48%	48%			48%	48%	92.5%	92.5%	92.5%	92.5%	92.5%		92.5%	92.5%
Reservoir Level (1)	4.02		3.98		4.04	3.97	4.00	3.99	4.00	4.04	3.97		4.00	4.01
Reservoir Level (2)	4.06		4.03		4.07	4.02	4.04	4.03	4.04	4.08	4.03		4.05	4.06
Filtered Water Temp. °C	4.6		5.3		5.23	5.17	5.07	4.97	4.97	4.89	4.92		4.96	4.85
Raw Water Temp. °C	4.7		4.3		4.5	4.4	5.0	4.8	5.1	4.7	4.3		6.4	6.8
Raw Water Inlet Pressure (kpa)	87.9		83.4		79.9	90.2	79.9	76.8	74.4	86.5	75.5		74.8	84.1
Water Meter Current (L)	1068251		1071826		1075642	1076902	1079990	1081928	1085208	1087235	1090549		1095896	1097667
Water Meter Previous (L)	1065472		1068251		1071826	1075642	1076902	1079990	1081928	1085208	1087235		1090549	1095896
Consumption	2,779		3575		3761	1360	3088	1938	3280	2027	3314		5347	1771
Flow to Town	2996		2835		3109	3106	4291	3532	4359	3608	4585		4306	3242
Time	10AM		10AM		9AM	3PM	0800	1615	0815	1615	0830		0830	1600
Employee Initials	PW	PW	PW		PW	PW	PM	PM	PM	PM	PM		PM	PM
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Iqaluit WTP daily Labwork

Day:

Raw Water

	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.97 /	7.09 /	7.02 / 7.01	6.96 / 6.90	6.97 / 6.97	6.95 /	6.97 / 6.96
Temperature (c°)	4.7 /	3.8 /	4.0 / 4.6	4.8 / 3.6	4.6 / 4.8	4.4 /	4.3 / 4.9
Turbidity	0.26 /	0.27 /	0.40 / 0.35	0.19 / 0.17	0.18 / 0.20	0.18 /	0.20 / 0.21

Treated Water

PH	6.95 /	6.86 /	6.92 / 7.05	6.80 / 6.79	6.81 / 6.82	6.84 /	6.87 / 6.84
Temperature (c°)	4.8 /	6.8 /	7.2 / 6.2	4.8 / 4.7	4.6 / 4.6	4.4 /	4.6 / 4.5
Turbidity	0.34 /	0.34 /	0.39 / 0.42	0.24 / 0.19	0.20 / 0.19	0.18 /	0.20 / 0.21
Free Cl2 mg/l	1.09 /	1.10 /	0.80 / 1.37	0.98 / 1.11	1.00 / 1.10	1.06 /	1.07 / 1.08
Total Cl2 mg/l	1.26 /	1.26 /	1.02 / 1.64	1.18 / 1.31	1.23 / 1.28	1.32 /	1.28 / 1.29

Initial	PW /	PW /	PW / PW	PM / PM	PM / PM	PM /	PM / PM
Time	1000 /	1000 /	0900 / 1500	0815 / 1630	0830 / 1630	0830 /	0830 / 1600

Week Ending Date The: February 24, 2023

Iqaluit Water Treatment Plant Weekly Tasks

	Task Completed?
• Handheld PH Meter Calibration	✓
• UVT % Calibration	○
• Weekly Bacti Sampling Program	✓
• Email Public Health WTP Logs (Wednesday)	✓
• Email Public Health Bacti Test Results (Wednesday)	✓
• Data Entry	✓
• Clean Plant	✓

Name: Peter Martel **Week Ending:** March 3, 2023

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Iqaluit WTP Daily Checks

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Day	Sunday	Saturday	Monday	Tuesday	Wednesday	Thursday	Friday
Parking area			✓	✓	✓	✓	✓
Doorways			✓	✓	✓	✓	✓
Lights			✓	✓	✓	✓	✓
Floors Clean			✓	✓	✓	✓	✓
Filter Room			✓	✓	✓	✓	✓
UV # 1			✓	✓	✓	✓	✓
UV # 2			✓	✓	✓	✓	✓
CL2 Tank # 1			✓	✓	✓	✓	✓
CL2 Tank # 2			✓	✓	✓	✓	✓
Hypo System			✓	✓	✓	✓	✓
Raw Water Analyzer			✓	✓	✓	✓	✓
Raw Water SCAN			✓	✓	✓	✓	✓
Treated Water SCAN			✓	✓	✓	✓	✓
Boiler # 1			✓	✓	✓	✓	✓
Boiler # 2			✓	✓	✓	✓	✓
Fuel Tanks			✓	✓	✓	✓	✓
Backwash Pump # 1			✓	✓	✓	✓	✓
Backwash Pump # 2			✓	✓	✓	✓	✓
Filter # 1 Turb. Meter			✓	✓	✓	✓	✓
Filter # 2 Turb. Meter			✓	✓	✓	✓	✓
Filter # 3 Turb. Meter			✓	✓	✓	✓	✓
Filter # 4 Turb. Meter			✓	✓	✓	✓	✓
Blower # 1			✓	✓	✓	✓	✓
Blower # 2			✓	✓	✓	✓	✓
Laboratory			✓	✓	✓	✓	✓
SCADA System			✓	✓	✓	✓	✓
Initial			0930	0945	0815	0815	0815
Time			PM	PM	PM	PM	PM

Week Ending: March 3, 2023

Iqaluit Water Treatment Plant Weekly Tasks

	Task Completed?
• Handheld PH Meter Calibration	✓
• UVT % Calibration	○
• Weekly Bacti Sampling Program	✓
• Email Public Health WTP Logs (Wednesday)	✓
• Email Public Health Bacti Test Results (Wednesday)	✓
• Data Entry	✓
• Clean Plant	✓

Name: Peter Martel **Week Ending:** March 10, 2023

Iqaluit Water Treatment Plant Weekly Tasks

	Task Completed?
• Handheld PH Meter Calibration	✓
• UVT % Calibration	○
• Weekly Bacti Sampling Program	✓
• Email Public Health WTP Logs (Wednesday)	✓
• Email Public Health Bacti Test Results (Wednesday)	✓
• Data Entry	✓
• Clean Plant	✓

Name: Peter **Week Ending:** March 17, 23

Iqaluit Water Treatment Plant Weekly Tasks

	Task Completed?
• Handheld PH Meter Calibration	✓
• UVT % Calibration	✓
• Weekly Bacti Sampling Program	✓
• Email Public Health WTP Logs (Wednesday)	✓
• Email Public Health Bacti Test Results (Wednesday)	✓
• Data Entry	✓
• Clean Plant	✓

Name: Peter **Week Ending:** March 24, 23

Iqaluit Water Treatment Plant Weekly Tasks

	Task Completed?
• Handheld PH Meter Calibration	✓
• UVT % Calibration	✓
• Weekly Bacti Sampling Program	✓
• Email Public Health WTP Logs (Wednesday)	✓
• Email Public Health Bacti Test Results (Wednesday)	✓
• Data Entry	✓
• Clean Plant	✓

Name: Peter **Week Ending:** March 31, 23

Water Treatment Plant Log

Iqaluit

Week Ending: March 3, 2023	25 Saturday		26 Sunday		27 Monday		28 Tuesday		1 Wednesday		2 Thursday		3 Friday	
CL2 Cylinder Duty	2		2		1	1	1	1	1	1	1	1	1	1
Chlorine Cycle Weight (kg)	13.8		8.0		66.2	64.2	58.8	57.0	51.0	48.0	43.0	40.2	34.8	30.4
Chlorine Flow Rate %	30%		61%		42%	44%	36%	48%	65%	36%	64%	56%	36%	37%
Rota Meter	8.0		12.5		8.5	9.8	7.8	10.2	13.9	7.8	13.8	12.2	8.0	8.1
U.V System Duty	1		1		1	1	1	1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	51.5		50.4		49.2	47.9	53.6	49.0	50.7	46.8	49.0	48.2	54.8	49.9
U.V Power %	44%		48%		48%	48%	53%	48%	48%	48%	48%	48%	53%	48%
UVT %	92.5%		92.5%		92.5%	92.5%	92.5%	92.5%	92.5%	92.5%	92.5%	92.5%	92.5%	92.5%
Reservoir Level (1)	4.04		3.99		3.99	4.06	4.03	3.99	4.02	4.01	4.01	3.98	4.05	4.07
Reservoir Level (2)	4.08		4.03		4.03	4.09	4.07	4.03	4.06	4.05	4.04	4.02	4.09	4.10
Filtered Water Temp. °C	5.00		5.14		5.16	5.11	5.15	5.13	5.16	5.11	5.14	5.05	5.16	5.11
Raw Water Temp. °C	6.8		6.2		5.5	4.9	5.1	5.1	5.5	5.4	5.4	4.9	5.5	6.8
Raw Water Inlet Pressure (kpa)	94.1		79.3		89.3	86.3	92.0	86.4	72.2	91.5	76.7	81.5	91.4	91.2
Water Meter Current (L)	1100147		1104477		1108589	1109805	1112653	1113644	1116499	1117916	1120563	1122129	1125140	1126784
Water Meter Previous (L)	1097667		1100147		1104477	1108589	1109805	1112653	1113644	1116499	1117916	1120563	1122129	1125140
Consumption	2480		4330		4112	1216	2848	991	2855	1417	2647	1566	3011	1644
Flow to Town	2432		2991		2857	2873	3016	3027	3142	2924	3195	3246	3119	2756
Time	0900		0900		1030	1630	1030	1600	0830	1600	0830	1600	0915	1715
Employee Initials	PM		PM		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM

Notes:

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Iqaluit WTP daily Labwork

Day:

Raw Water

	25 Saturday	26 Sunday	27 Monday	28 Tuesday	1 Wednesday	2 Thursday	3 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.94 /	6.92 /	6.95 / 6.98	6.88 / 6.87	6.94 / 6.91	6.99 / 6.93	6.92 / 6.87
Temperature (c°)	5.2 /	4.9 /	4.7 / 5.2	4.2 / 4.4	4.7 / 5.1	4.9 / 4.9	5.8 / 4.8
Turbidity	0.18 /	0.20 /	0.19 / 0.18	0.19 / 0.21	0.21 / 0.19	0.19 / 0.19	0.20 / 0.17

Treated Water

PH	6.87 /	6.81 /	6.80 / 6.84	6.73 / 6.77	6.79 / 6.81	6.77 / 6.78	6.77 / 6.76
Temperature (c°)	4.6 /	5.0 /	4.8 / 4.7	4.7 / 4.8	4.8 / 4.9	4.9 / 4.8	4.9 / 5.2
Turbidity	0.33 /	0.33 /	0.23 / 0.19	0.18 / 0.20	0.22 / 0.18	0.23 / 0.18	0.22 / 0.20
Free Cl2 mg/l	1.05 /	0.90 /	0.89 / 0.94	0.91 / 0.98	0.96 / 1.00	0.94 / 1.02	1.05 / 1.06
Total Cl2 mg/l	1.27 /	1.13 /	1.08 / 1.13	1.10 / 1.15	1.11 / 1.16	1.08 / 1.14	1.16 / 1.26

Initial	PM /	PM /	PM / PM	PM / PM	PM / PM	PM / PM	PM / PM
Time	0900 /	0900 /	1030 / 1645	1045 / 1615	0845 / 1615	0845 / 1615	0930 / 1730

Week Ending Date The: March 3, 2023

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Iqaluit

Water Treatment Plant Log

Week Ending: Mar 10, 2023	4 Saturday		5 Sunday		6 Monday		7 Tuesday		8 Wednesday		9 Thursday		10 Friday	
CL2 Cylinder Duty	1		1		1	1	1		2	2	2	2	2	2
Chlorine Cycle Weight (kg)	26.0		18.0		10.2	8.4	2.2		61.8	60.0	55.8	54.0	51.2	48.6
Chlorine Flow Rate %	48%		49%		33%	0%	35%		41%	26%	43%	27%	37%	32%
Rota Meter	11.8		11.0		6.5	0.0	8.0		7.0	5.8	9.0	5.8	8.0	7.0
U.V System Duty	1		1		~~148.4~~	1	2		2	2	2	2	2	2
Mega Litre Per Day	5.0		5.0		~~5.033~~	3.3	5.0		5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	48.1		49.1		48.5	OFF	48.4		47.9	49.6	51.4	46.3	47.1	47.1
U.V Power %	48%		48%		34%	OFF	44%		44%	44%	48%	44%	44%	44%
UVT %	92.5%		92.5%		94.0%	94.0%	94.0%		94.0%	94.0%	94.0%	94.0%	94.0%	94.0%
Reservoir Level (1)	3.98		4.05		4.00	3.70	4.04		4.04	4.02	4.04	4.03	4.05	3.95
Reservoir Level (2)	4.02		4.07		4.01	3.74	4.07		4.08	4.05	4.08	4.06	4.10	3.98
Filtered Water Temp. °C	5.39		5.49		5.68	5.64	5.27		5.42	5.55	5.58	5.59	5.98	5.89
Raw Water Temp. °C	7.5		4.6		6.1	6.9	4.0		4.5	4.6	4.5	5.3	4.4	4.6
Raw Water Inlet Pressure (kpa)	84.0		85.5		91.9	98.3	90.7		86.7	92.7	85.3	92.7	88.0	90.3
Water Meter Current (L)	1129090		1133165		1137492	1138353	1141322		1145095	1146392	1148906	1150096	1152313	1153871
Water Meter Previous (L)	1126784		1129090		1133165	1137492	1138353		1141322	1145095	1146392	1148906	1150096	1152313
Consumption	2306		4075		4327	861	2969		3773	1297	2514	2090	2217	1558
Flow to Town	3184		2695		2232	2618	2627		2747	2511	2620	2900	3356	2711
Time	0800		0800		0930	1700	0930		0830	1630	0930	1630	0815	1715
Employee Initials	PM		PM		PM	PM	PM		PM	PM	PM	PM	PM	PM
Notes:														

Iqaluit WTP daily Labwork

Day:

Raw Water

	4 Saturday	5 Sunday	6 Monday	7 Tuesday	8 Wednesday	9 Thursday	10 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.94 /	6.91 /	6.95 / 6.77	6.88 /	6.94 / 6.93	6.95 / 6.94	6.97 / 6.94
Temperature (c°)	6.1 /	5.4 /	6.5 / 8.0	4.3 /	6.0 / 6.0	5.5 / 6.7	5.6 / 5.5
Turbidity	0.18 /	0.21 /	0.20 / 0.21	/	0.23 / 0.	0.31 / 0.22	0.28 / 0.26

Treated Water

PH	6.77 /	6.80 /	6.78 / 6.71	6.68 /	6.82 / 6.76	6.77 / 6.81	6.77 / 6.77
Temperature (c°)	5.7 /	5.5 /	5.9 / 6.5	5.6 /	5.7 / 5.9	5.7 / 5.7	5.9 / 6.0
Turbidity	0.21 /	0.19 /	0.21 / 0.21	0. /	0.21 / 0.	0.26 / 0.28	0.29 / 0.24
Free Cl2 mg/l	0.98 /	0.95 /	1.03 / 0.99	0.98 /	0.93 / 0.95	0.86 / 0.87	0.82 / 0.87
Total Cl2 mg/l	1.15 /	1.11 /	1.16 / 1.18	1.13 /	1.14 / 1.07	0.98 / 0.99	0.96 / 0.97

Initial	PM /	PM /	PM / PM	PM /	PM / PM	PM / PM	PM / PM
Time	0800 /	0800 /	1100 / 1730	1100 /	0845 / 1630	0945 / 1645	0815 / 1730

Week Ending Date The: March 10, 2023

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Iqaluit

Water Treatment Plant Log

Week Ending: Mar 17, 2023	11 Saturday		12 Sunday		13 Monday		14 Tuesday		15 Wednesday		16 Thursday		17 Friday	
CL2 Cylinder Duty	2		2		2	2	2	2	2	2	2	2	2	2
Chlorine Cycle Weight (kg)	44.6		38.2		32.2	30.0	25.8	23.6	18.8	16.6	12.0	9.6	6.2	65.8
Chlorine Flow Rate %	33 %		34 %		59 %	63 %	56 %	32 %	33 %	27 %	40 %	58 %	33 %	65 %
Rota Meter	7.0		7.0		13.0	13.8	12.2	7.0	6.5	5.8	8.2	12.2	7.0	14.0
U.V System Duty	2		2		2	2	2	2	2	2	2	2	2	2
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	48.6		48.8		48.9	49.8	54.1	45.6	44.8	48.0	48.5	47.0	46.4	48.5
U.V Power %	44 %		44 %		44 %	44 %	48 %	39 %	39 %	39 %	44 %	44 %	44 %	44 %
UVT %	94.0 %		94.0 %		94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %
Reservoir Level (1)	3.98		3.98		4.05	4.01	3.99	4.02	4.06	4.05	4.01	4.04	4.03	4.05
Reservoir Level (2)	4.01		4.02		4.09	4.03	4.03	4.05	4.10	4.09	4.05	4.07	4.07	4.10
Filtered Water Temp. °C	6.06		5.81		5.63	5.51	5.51	5.40	5.47	5.39	5.40	5.32	5.39	5.43
Raw Water Temp. °C	4.3		4.9		3.8	4.1	4.3	4.2	4.0	4.8	4.3	3.7	4.2	4.0
Raw Water Inlet Pressure (kpa)	90.2		90.2		76.0	72.7	76.0	90.5	90.3	92.0	86.9	77.1	88.4	75.2
Water Meter Current (L)	1156222		1159902		1163404	1164672	1166956	1168388	1170970	1172246	1174726	1176125	1178472	1179837
Water Meter Previous (L)	1153871		1156222		1159902	1163404	1164672	1166956	1168388	1170970	1172246	1174726	1176125	1178472
Consumption	2351		3680		3502	1268	2284	1432	2582	2176	2480	1399	2347	1365
Flow to Town	3114		3042		2508	2542	3353	2454	2697	2491	2596	2347	2746	2881
Time	0800		0800		0830	1600	0800	1600	0900	1615	0915	1700	0930	1600
Employee Initials	PM		PM		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
Notes:														

Iqaluit WTP daily Labwork

Day:

Raw Water

	11 Saturday	12 Sunday	13 Monday	14 Tuesday	15 Wednesday	16 Thursday	17 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.95 /	6.91 /	6.97 / 6.97	6.95 / 6.99	7.01 / 6.87	6.89 / 6.90	6.96 / 6.90
Temperature (c°)	5.5 /	5.8 /	4.7 / 4.8	5.2 / 5.9	5.3 / 5.9	5.8 / 4.8	5.1 / 4.8
Turbidity	0.23 /	0.23 /	0.23 / 0.24	0.23 / 0.22	0.21 / 0.18	0.19 / 0.21	0.22 / 0.21

Treated Water

PH	6.73 /	6.74 /	6.74 / 6.80	6.80 / 6.84	6.82 / 6.71	6.76 / 6.73	6.74 / 6.73
Temperature (c°)	6.1 /	5.9 /	5.7 / 5.6	5.8 / 5.6	5.6 / 5.4	5.6 / 5.5	5.6 / 5.3
Turbidity	0.25 /	0.21 /	0.21 / 0.28	0.24 / 0.24	0.25 / 0.21	0.20 / 0.23	0.23 / 0.23
Free Cl2 mg/l	0.77 /	0.81 /	0.84 / 0.88	0.88 / 0.90	0.82 / 0.85	0.84 / 0.91	0.80 / 0.82
Total Cl2 mg/l	0.89 /	0.93 /	0.97 / 1.00	0.99 / 1.01	0.97 / 0.98	0.98 / 1.03	1.00 / 0.94

Initial	PM /	PM /	PM / PM	PM / PM	PM / PM	PM / PM	PM / PM
Time	0800 /	0800 /	0830 / 1615	0815 / 1600	0915 / 1630	0930 / 1715	0900 / 1600

Week Ending Date The: March 17, 2023

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Iqaluit

Water Treatment Plant Log

Week Ending: March 24, 2023	18 Saturday		19 Sunday		20 Monday		21 Tuesday		22 Wednesday		23 Thursday		24 Friday	
CL2 Cylinder Duty	2		2		2	2	2	2	2	2	2	2	2	2
Chlorine Cycle Weight (kg)	61.0		51.0		43.8	40.8	35.6	32.8	28.2	25.4	21.0	18.2	13.2	10.8
Chlorine Flow Rate %	43 %		44 %		49 %	64 %	34 %	33 %	33 %	45 %	56 %	32 %	37 %	33 %
Rota Meter	9.8		10.0		11.8	14.0	7.0	7.0	7.8	9.0	13.0	7.0	8.2	6.8
U.V System Duty	2		2		2	2	2	2	2	2	2	2	2	2
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	48.5		45.0		47.3	49.7	49.2	49.9	48.2	48.6	47.9	47.8	47.1	48.0
U.V Power %	44 %		44 %		44 %	44 %	44 %	44 %	44 %	44 %	44 %	44 %	44 %	44 %
UVT %	94.0 %		94.0 %		94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %
Reservoir Level (1)	4.02		4.03		4.03	4.04	4.00	4.00	4.05	4.06	4.00	4.02	4.05	4.05
Reservoir Level (2)	4.07		4.07		4.08	4.07	4.04	4.03	4.09	4.09	4.02	4.04	4.07	4.08
Filtered Water Temp. °C	5.39		5.29		5.33	5.44	5.65	5.64	5.88	5.82	5.94	5.85	5.82	5.75
Raw Water Temp. °C	2.2		6.1		4.1	4.8	5.8	5.3	4.2	3.9	4.7	6.2	6.4	6.5
Raw Water Inlet Pressure (kpa)	84.6		84.6		81.5	71.9	88.7	88.8	89.0	86.1	74.9	88.6	86.7	88.4
Water Meter Current (L)	1182990		1187177		1190840	1192292	1195177	1196483	1198936	1200398	1202753	1204226	1206880	1208229
Water Meter Previous (L)	1179837		1182990		1187177	1190840	1192292	1195177	1196483	1198936	1200398	1202753	1204226	1205880
Consumption	3153		4187		3663	1452	2885	1306	2453	1462	2355	1473	2654	1349
Flow to Town	3438		3366		3094	2638	2428	2884	2866	2575	3105	2961	3264	2867
Time	0900		0900		0830	1600	0915	1615	0900	1615	0830	1600	0845	1600
Employee Initials	PM		PM		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM

Notes:

Iqaluit WTP daily Labwork

Iqaluit

Day:

Raw Water

	18 Saturday	19 Sunday	20 Monday	21 Tuesday	22 Wednesday	23 Thursday	24 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.88 /	6.94 /	6.93 / 6.96	6.91 / 6.92	6.97 / 6.99	6.99 / 7.00	7.03 / 6.95
Temperature (c°)	3.6 /	6.4 /	5.8 / 5.9	7.0 / 7.5	6.8 / 6.1	6.4 / 7.4	6.5 / 7.2
Turbidity	0.19 /	0.21 /	0.20 / 0.23	0.17 / 0.23	0.22 / 0.21	0.20 / 0.26	0.20 / 0.22

Treated Water

PH	6.77 /	6.72 /	6.73 / 6.72	6.77 / 6.76	6.78 / 6.78	6.82 / 6.81	6.91 / 6.83
Temperature (c°)	5.0 /	5.6 /	5.3 / 5.8	6.1 / 6.1	6.3 / 6.4	6.4 / 6.3	6.3 / 6.2
Turbidity	0.28 /	0.23 /	0.31 / 0.23	0.20 / 0.23	0.28 / 0.27	0.25 / 0.25	0.20 / 0.20
Free Cl2 mg/l	0.94 /	0.99 /	0.98 / 0.98	0.92 / 0.97	0.93 / 0.94	0.88 / 0.94	0.89 / 0.02
Total Cl2 mg/l	1.04 /	1.18 /	1.10 / 1.16	1.14 / 1.24	1.16 / 1.15	1.07 / 1.18	1.05 / 1.13

Initial	PM /	PM /	PM / PM	PM / PM	PM / PM	PM / PM	PM / PM
Time	0915 /	0915 /	0845 / 1615	0930 / 1630	0900 / 1630	0845 / 1615	0900 / 1600

Week Ending Date The: March 24, 2023

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Water Treatment Plant Log

Week Ending: March 31, 2023	25 Saturday		26 Sunday		27 Monday		28 Tuesday		29 Wednesday		30 Thursday		31 Friday	
CL2 Cylinder Duty	2		1		1	1	1	1	1	1	1	1	1	
Chlorine Cycle Weight (kg)	5.6		64.4		57.4	54.8	50.2	47.8	42.6	39.6	34.6	32.0	27.4	
Chlorine Flow Rate %	33 %		65 %		33 %	52 %	65 %	70 %	35 %	56 %	35 %	35 %	32 %	
Rota Meter	7.5		14.0		7.8	11.9 %	14.0	15.0	7.9	11.8	7.8	7.8	6.5	
U.V System Duty	2		2		2	2	2	2	2	2	2	2	2	
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
MJ/CM²	49.4		48.7		48.4	47.2	48.8	92.3	49.8	48.1	48.2	49.5	48.5	
U.V Power %	44 %		44 %		44 %	44 %	44 %	76 %	44 %	44 %	44 %	44 %	44 %	
UVT %	94.0 %		94.0 %		94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	
Reservoir Level (1)	4.02		4.00		4.06	4.04	4.04	3.76	4.05	4.02	4.05	4.05	4.06	
Reservoir Level (2)	4.05		4.03		4.09	4.07	4.06	3.81	4.09	4.06	4.08	4.08	4.08	
Filtered Water Temp. °C	5.86		5.70		5.43	5.32	5.40	5.33	5.48	5.57	5.55	5.38	5.31	
Raw Water Temp. °C	6.7		8.7		8.3	6.7	3.5	8.6	5.3	4.4	5.2	4.9	5.7	
Raw Water Inlet Pressure (kpa)	88.6		70.2		87.8	78.4	70.1	94.3	87.9	77.8	87.3	87.2	87.0	
Water Meter Current (L)	1210901		1214911		1218759	1220136	1222620	1223807	1226583	1227978	1230528	1231077	1234395	
Water Meter Previous (L)	1208229		1210901		1214911	1218759	1220136	1222620	1223807	1226583	1227978	1230528	1231077	
Consumption	2672		4910		3848	1377	2484	1187	2776	1395	2550	549	3318	
Flow to Town	3499		2890		2668	2952	3014	2672	2819	2826	3048	2870	2728	
Time	0900		0900		0900	1600	0830	1600	0900	1615	0900	1600	0900	
Employee Initials	PM		PM		PM	PM	PM	PM	PM	PM	PM	PM	PM	
Notes:														

Iqaluit WTP daily Labwork

Iqaluit

Day:

Raw Water

	25 Saturday	26 Sunday	27 Monday	28 Tuesday	29 Wednesday	30 Thursday	31 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.94 /	/	6.88 / 6.98	6.88 / 6.90	6.86 / 6.81	6.85 / 5.86	6.80 /
Temperature (c°)	6.8 /	/	5.0 / 6.2	27 ~~6.8~~ 3.8 / 8.1	6.1 / 6.0	5.7 / 5.6	6.1 /
Turbidity	0.20 /	0.18 /	0.22 / 0.23	0.18 / 0.20	0.18 / 0.18	0.18 / 0.19	0.21 /

Treated Water

PH	6.88 /	/	6.79 / 6.87	6.78 / 6.76	6.77 / 6.72	6.74 / 6.76	6.77 /
Temperature (c°)	6.0 /	/	6.6 / 5.8	5.8 / 5.3	5.5 / 5.3	5.2 / 5.3	5.1 /
Turbidity	0.20 /	0.24 /	0.19 / 0.21	0.21 / 0.19	0.20 / 0.19	0.20 / 0.19	0.28 /
Free Cl2 mg/l	0.93 /	0.84 /	0.90 / 0.95	0.86 / 0.95	0.99 / 1.02	0.97 / 1.07	0.94 /
Total Cl2 mg/l	1.08 /	1.01 /	1.04 / 1.15	1.06 / 1.13	1.15 / 1.28	1.10 / 1.30	1.10 /

Initial	PM /	PM /	PM / PM	PM / PM	PM / PM	PM / PM	PM /
Time	0915 /	0915 /	0915 / 0615	0845 / 1615	0915 / 1630	0915 / 1615	0915 /

Week Ending Date The: March 31, 2023

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Iqaluit

Water Treatment Plant Log

Week Ending: April 7, 2023	1 Saturday		2 Sunday		3 Monday		4 Tuesday		5 Wednesday		6 Thursday		7 Friday	
CL2 Cylinder Duty	1		1		1	1	2	2	2	2	2	2	2	
Chlorine Cycle Weight (kg)	20.4		13.4		6.4	4.2	65.2	61.0	56.6	53.6	49.0	46.8	42.2	
Chlorine Flow Rate %	48 %		33 %		38 %	58 %	37 %	49 %	38 %	62 %	33 %	28 %	33 %	
Rota Meter	11.5		7.0		7.5	13.5	8.2	11.0	8.1	13.8	7.8	6.0	7.0	
U.V System Duty	2		2		2	2	2	2	2	2	2	2	2	
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
MJ/CM²	45.1		49.2		48.4	48.8	49.1	44.8	48.2	49.9	48.9	49.4	46.9	
U.V Power %	44 %		44 %		44 %	44 %	44 %	44 %	44 %	44 %	44 %	44 %	44 %	
UVT %	94.0 %		94.0 %		94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	
Reservoir Level (1)	4.03		4.02		4.04	4.04	4.03	4.01	4.05	4.05	4.06	4.01	4.05	
Reservoir Level (2)	4.06		4.05		4.07	4.07	4.07	4.04	4.09	4.09	4.09	4.04	4.09	
Filtered Water Temp. °C	5.27		5.23		5.22	5.20	5.05	5.07	5.43	5.48	5.57	5.52	5.53	
Raw Water Temp. °C	3.8		3.0		5.1	5.4	3.1	5.5	7.5	8.1	6.8	3.0	2.7	
Raw Water Inlet Pressure (kpa)	79.5		87.2		84.7	73.8	84.6	78.4	84.8	72.0	86.1	88.3	86.6	
Water Meter Current (L)	1238101		1241885		1245703	1247107	1249451	1250799	1253212	1254606	1257022	1258252	1260879	
Water Meter Previous (L)	1234395		1238101		1241885	1245703	1247107	1249451	1250799	1253212	1254606	1257022	1258252	
Consumption	3706		3784		3818	1404	2344	1348	2413	1394	2416	1230	2627	
Flow to Town	3136		2949		2532	2673	2795	2675	2774	2559	2803	2474	2937	
Time	0930		0900		0900	1630	0845	1600	0900	1615	0900	~~2474~~	1000	
Employee Initials	PM		PM		PM	PM	PM	PM	PM	PM	PM	PM	PM	

Notes:

Iqaluit WTP daily Labwork

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Iqaluit

Day:

Raw Water

	1 Saturday	2 Sunday	3 Monday	4 Tuesday	5 Wednesday	6 Thursday	7 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.92 /	6.85 /	6.84 / 6.86	6.83 / 6.84	6.90 / 6.91	6.87 / 6.83	6.81 /
Temperature (c°)	5.9 /	6.0 /	5.1 / 5.2	3.5 / 5.1	5.6 / 4.9	5.7 / 6.3	4.5 /
Turbidity	0.17 /	0.19 /	0.19 / 0.20	0.18 / 0.18	0.19 / 0.19	0.20 / 0.20	0.20 /

Treated Water

PH	6.78 /	6.74 /	6.78 / 6.80	6.76 / 6.77	6.79 / 6.82	6.80 / 6.77	6.74 /
Temperature (c°)	5.5 /	5.5 /	5.3 / 5.1	4.5 / 4.8	4.9 / 5.1	5.7 / 5.7	5.6 /
Turbidity	0.19 /	0.19 /	0.18 / 0.20	0.19 / 0.17	0.21 / 0.21	0.19 / 0.21	0.20 /
Free Cl2 mg/l	0.80 /	0.89 /	0.93 / 0.94	0.89 / 0.93	0.93 / 0.95	0.91 / 0.91	0.84 /
Total Cl2 mg/l	1.03 /	1.05 /	1.05 / 1.08	1.05 / 1.12	1.11 / 1.13	1.08 / 1.11	1.10 /

Initial	PM /	PM /	PM / PM	PM / PM	PM / PM	PM / PM	PM /
Time	0945 /	0915 /	0915 / 1645	0900 / 1630	0915 / 1630	0915 / 1630	1015 /

Week Ending Date The: April 7th, 2023

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Iqaluit

Water Treatment Plant Log

Week Ending: April 14, 2023	8 Saturday		9 Sunday		10 Monday		11 Tuesday		12 Wednesday		13 Thursday		14 Friday	
CL2 Cylinder Duty	2		2		2		2	2	2	2	1	1	1	1
Chlorine Cycle Weight (kg)	35.8		25.6		20.2		11.8	9.4	4.6	3.0	64.0	61.6	57.0	54.6
Chlorine Flow Rate %	64%		44%		32%		63%	48%	37%	32%	36%	56%	33%	32%
Rota Meter	14.0		9.8		7.0		14.0	11.0	8.2	6.2	7.0	11.0	6.0	7.0
U.V System Duty	2		2		2		1	1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	47.9		47.2		50.9		48.9	48.7	53.5	49.8	46.2	48.9	46.1	44.0
U.V Power %	44%		44%		44%		48%	48%	53%	48%	53%	48%	53%	44%
UVT %	94.0%		94.0%		94.0%		94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%
Reservoir Level (1)	4.02		4.03		4.03		4.04	4.02	4.05	4.01	4.02	4.05	4.05	4.03
Reservoir Level (2)	4.07		4.07		4.07		4.08	4.06	4.08	4.03	4.05	4.08	4.08	4.07
Filtered Water Temp. °C	5.32		5.02		4.94		5.16	5.11	5.18	5.13	5.23	5.17	5.24	5.18
Raw Water Temp. °C	2.2		3.6		5.3		8.7	8.8	4.4	5.1	5.7	5.6	5.3	5.4
Raw Water Inlet Pressure (kpa)	68.5		80.6		85.6		68.2	77.9	83.5	85.4	83.6	73.0	83.3	85.1
Water Meter Current (L)	1264552		1269654		1273541		1277314	1278717	1281323	1282563	1285109	1286519	1289015	1290307
Water Meter Previous (L)	1260879		1264552		1269654		1273541	1277314	1278717	1281323	1282563	1285109	1286519	1289015
Consumption	3673		5102		3887		3773	1503	2606	1240	2546	1410	2496	1292
Flow to Town	5600		2712		2699		3501	2666	2715	2562	2736	2606	2727	2655
Time	0900		0900		0800		0900	1600	0900	1600	0900	1615	0900	1600
Employee Initials	PM		PM		PM		PM	PM	PM	PM	PM	PM	PM	PM
Notes:														

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Iqaluit WTP daily Labwork

Day:

Raw Water

	8 Saturday	9 Sunday	10 Monday	11 Tuesday	12 Wednesday	13 Thursday	14 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.86 /	6.86 /	6.87 /	6.90 / 6.86	6.82 / 6.90	6.90 / 6.91	6.92 / 6.90
Temperature (c°)	4.6 /	5.1 /	3.9 /	5.2 / 5.6	4.1 / 6.3	5.5 / 5.4	5.3 / 5.3
Turbidity	0.19 /	0.20 /	0.19 /	0.20 / 0.22	0.20 / 0.20	0.20 / 0.22	0.25 / 0.20

Treated Water

PH	6.79 /	6.80 /	6.83 /	6.76 / 6.75	6.77 / 6.72	6.78 / 6.75	6.77 / 6.73
Temperature (c°)	5.4 /	5.0 /	4.7 /	5.1 / 5.6	5.6 / 5.6	5.5 / 5.7	5.6 / 5.4
Turbidity	0.20 /	0.20 /	0.21 /	0.23 / 0.24	0.22 / 0.22	0.20 / 0.21	0.21 / 0.20
Free Cl2 mg/l	0.92 /	[illegible].03 /	0.94 /	0.90 / 0.91	0.92 / 0.91	0.88 / 0.89	0.87 / 0.95
Total Cl2 mg/l	1.12 /	1.22 /	1.11 /	1.18 / 1.13	1.11 / 1.10	1.05 / 1.07	1.06 / 1.18

Initial	PM /	PM /	PM /	PM / PM	PM / PM	PM / PM	PM / PM
Time	0915 /	0915 /	0830 /	0915 / 1615	0915 / 1615	0915 / 1630	0915 / 1615

Week Ending Date The: April 14, 2023

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Iqaluit

Water Treatment Plant Log

Week Ending: April 21, 2023	15 Saturday		16 Sunday		17 Monday		18 Tuesday		19 Wednesday		20 Thursday		21 Friday	
CL2 Cylinder Duty	1		1		1	1	1	1	1	1	1	1	1	1
Chlorine Cycle Weight (kg)	50.2		43.0		36.0	33.6	29.4	26.8	22.2	20.0	15.2	13.0	8.2	6.0
Chlorine Flow Rate %	62 %		61 %		32 %	32 %	37 %	43 %	37 %	27 %	32 %	37 %	36 %	33 %
Rota Meter	13.8		13.8		7.0	7.0	8.0	10.0	7.8	6.2	6.2	7.1	7.0	6.5
U.V System Duty	1		1		1	1	1	1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	50.4		49.8		51.4	45.5	48.2	49.8	54.2	49.0	47.0	48.2	47.8	49.5
U.V Power %	48 %		48 %		48 %	44 %	48 %	48 %	53 %	44 %	48 %	48 %	48 %	48 %
UVT %	94.0 %		94.0 %		94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %
Reservoir Level (1)	4.00		4.00		4.05	4.04	4.05	4.01	4.05	4.00	4.05	4.01	4.04	4.02
Reservoir Level (2)	4.03		4.03		4.08	4.08	4.08	4.04	4.09	4.03	4.09	4.04	4.07	4.06
Filtered Water Temp. °C	5.36		5.34		5.28	5.21	5.44	5.42	5.35	5.28	5.29	5.24	5.25	5.22
Raw Water Temp. °C	5.3		5.7		3.9	5.9	4.9	5.4	6.7	8.4	4.6	7.1	6.2	7.9
Raw Water Inlet Pressure (kpa)	68.7		69.1		84.6	84.8	82.6	78.8	82.0	85.7	84.2	82.0	82.0	83.4
Water Meter Current (L)	1292984		1296825		1299999	1301985	1304613	1305849	1308456	1309744	1312337	1313522	1316111	1317372
Water Meter Previous (L)	1290307		1292984		1296825	1299999	1301985	1304613	1305849	1308456	1309744	1312337	1313522	1316111
Consumption	2677		3841		3174	1986	2628	1236	2607	1288	2593	1185	2589	1261
Flow to Town	2967		2999		2642	3093	2731	2524	2890	2605	2702	2353	2767	3269
Time	0900		0900		0900	1600	0900	1600	0900	1600	0900	1600	0900	1600
Employee Initials	PM		PM		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
Notes:														

Iqaluit WTP daily Labwork

Day:

Raw Water

	15 Saturday	16 Sunday	17 Monday	18 Tuesday	19 Wednesday	20 Thursday	21 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.90 /	6.94 /	6.83 / 6.94	6.84 / 6.91	6.96 / 6.90	6.95 / 6.95	6.88 / 6.88
Temperature (c°)	5.3 /	4.6 /	3.9 / 5.9	4.9 / 5.4	4.9 / 6.1	5.3 / 5.3	3.8 / 5.9
Turbidity	0.20 /	0.20 /	0.19 / 0.19	0.20 / 0.19	0.18 / 0.20	0.20 / 0.20	0.21 / 0.20

Treated Water

PH	6.82 /	6.84 /	6.78 / 6.78	6.76 / 6.75	6.83 / 6.77	6.76 / 6.78	6.77 / 6.80
Temperature (c°)	5.5 /	5.7 /	5.3 / 5.5	5.4 / 5.7	5.7 / 5.3	5.3 / 5.3	5.5 / 5.3
Turbidity	0.23 /	0.21 /	0.22 / 0.22	0.23 / 0.20	0.20 / 0.21	0.22 / 0.20	0.21 / 0.22
Free Cl2 mg/l	0.91 /	0.90 /	0.96 / 0.92	0.93 / 0.94	0.91 / 0.96	0.91 / 0.96	0.92 / 0.96
Total Cl2 mg/l	1.14 /	1.06 /	1.23 / 1.10	1.10 / 1.16	1.09 / 1.22	1.20 / 1.13	1.10 / 1.10

Initial	PM /	PM /	PM / PM	PM / PM	PM / PM	PM / PM	PM / PM
Time	0915 /	0915 /	0915 / 1615	0915 / 1615	0915 / 1615	0915 / 1615	0915 / 1615

Week Ending Date The: April 21, 2023

Water Treatment Plant Log

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Week Ending: April 28, 2023	22 Saturday		23 Sunday		24 Monday		25 Tuesday		26 Wednesday		27 Thursday		28 Friday	
CL2 Cylinder Duty	2		2		2	2	2	2	2	2	2	2	2	2
Chlorine Cycle Weight (kg)	63.8		57.2		50.6	48.2	44.2	41.0	36.6	34.6	29.6	28.4	25.0	22.6
Chlorine Flow Rate %	54 %		36 %		36 %	32 %	61 %	60 %	60 %	52 %	0 %	52 %	46 %	OFF
Rota Meter	12.0		7.0		7.0	6.2	13.0	13.0	13.0	12.0	OFF	12.0	10.0	OFF
U.V System Duty	1		1		1	1	1	2	2	2	OFF	2	2	2
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	OFF	5.0	5.0	OFF
MJ/CM²	47.4		49.5		47.5	49.1	49.0	47.4	46.9	48.4	OFF	47.8	58.5	OFF
U.V Power %	48 %		48 %		48 %	48 %	48 %	44 %	44 %	44 %	OFF	44 %	53 %	OFF
UVT %	94.0%		94.0%		94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	OFF	94.0%	94.0%	OFF
Reservoir Level (1)	4.01		4.03		4.05	4.02	3.99	3.63	3.79	3.58	3.78	3.70	3.60	4.07
Reservoir Level (2)	4.05		4.06		4.07	4.05	4.02	3.66	3.83	3.62	3.83	3.74	3.65	4.10
Filtered Water Temp. °C	5.31		5.22		5.14	5.11	5.11	5.48	5.41	5.31	5.29	5.35	5.27	5.29
Raw Water Temp. °C	6.1		4.5		6.9	6.1	5.3	5.9	5.0	5.68	4.96	5.11	4.10	4.59
Raw Water Inlet Pressure (kpa)	72.9		82.0		81.5	83.6	67.6	63.0	63.1	63.6	89.2	62.6	62.6	88.8
Water Meter Current (L)	1320205		1324036		1327925	1329159	1331537	1333281	1335914	1337052	1339741	1341043	1343369	1345315
Water Meter Previous (L)	1317372		1320205		1324036	1327925	1329159	1331537	1333281	1335914	1337052	1339741	1341043	1343369
Consumption	2833		3831		3889	1234	2378	1744	2633	1138	2689	1302	2326	1946
Flow to Town	3033		2985		2602	2626	3714	2749	3492	3422	3536	2434	2913	2574
Time	0900		0900		0900	1600	0800	1630	0815	1600	0900	1530	0900	1600
Employee Initials	PM		PM		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM

Notes:

Iqaluit WTP daily Labwork

Day:

Raw Water	22 Saturday	23 Sunday	24 Monday	25 Tuesday	26 Wednesday	27 Thursday	28 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.90 /	6.88 /	6.91 / 6.95	6.95 / 6.94	7.14 / 7.05	6.96 / 7.13	6.82 / 6.79
Temperature (c°)	4.6 /	5.1 /	4.1 / 5.3	6.2 / 5.1	3.7 / 4.4	4.8 / 3.7	5.5 / 5.8
Turbidity	0.21 /	0.19 /	0.20 / 0.20	0.22 / 0.21	0.22 / 0.24	0.21 / 0.21	0.22 / 0.21

Treated Water

PH	6.77 /	6.82 /	6.63 / 6.78	6.78 / 6.93	7.15 / 7.17	7.07 / 7.19	7.08 / 7.04
Temperature (c°)	5.5 /	5.2 /	5.2 / 5.3	5.5 / 5.6	5.7 / 5.5	5.5 / 5.5	5.6 / 5.7
Turbidity	0.25 /	0.21 /	0.22 / 0.21	0.22 / 0.21	0.21 / 0.20	0.20 / 0.21	0.19 / 0.19
Free Cl2 mg/l	0.84 /	0.90 /	0.91 / 0.95	0.80 / 1.41	1.40 / 1.47	1.40 / 1.30	1.04 / 1.18
Total Cl2 mg/l	1.04 /	1.08 /	1.08 / 1.09	1.12 / 1.62	1.59 / 1.65	1.61 / 1.41	1.39 / 1.33

Initial	PM /	PM /	PM / PM	PM / PM	PM / PM	PM / PM	PM / ~~16~~ PM
Time	0915 /	0915 /	0915 / 1615	0815 / 1645	0830 / 1615	0915 / 1545	0915 / 1615

Week Ending Date The: April 28, 2023

Water Treatment Plant Log

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Week Ending: May 5, 2023	29 Saturday		30 Sunday		1 Monday		2 Tuesday		3 Wednesday		4 Thursday		5 Friday	
CL2 Cylinder Duty	2		2		2	2	2	1	1	1	1	1	1	1
Chlorine Cycle Weight (kg)	18.8		14.2		10.2	9.2	4.8	68	64.2	62.2	61.2	57.8	54.2	53.0
Chlorine Flow Rate %	46 %		45 %		OFF	45 %	45 %	46%	45%	OFF	45%	OFF	45%	OFF
Rota Meter	10.0		10.0		OFF	10.0	10.0	10.0	10.0	OFF	10	OFF	10	OFF
U.V System Duty	2		2		2	2	2	2	2	2	2	2	2	2
Mega Litre Per Day	5.0		5.0		OFF	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	46.6		45.4		OFF	44.3	45.5	101.9	47.4	.04	47.5	OFF	52.8	OFF
U.V Power %	44 %		44 %		OFF	44 %	44 %	95%	44%	OFF	44%	OFF	48%	OFF
UVT %	94.0%		94.0%		OFF	94.0%	94.0%	94%	94%	94%	94%	94%	94%	94%
Reservoir Level (1)	3.91		3.94		3.07	3.02	3.60	3.87	3.61	4.07	4.01	3.95	3.79	3.92
Reservoir Level (2)	3.95		3.98		3.11	3.05	3.65	3.92	3.65	4.01	3.98	3.98	3.83	3.96
Filtered Water Temp. °C	5.35		5.34		5.48	5.68	5.28	5.28	5.31	5.35	5.37	5.36	5.43	5.39
Raw Water Temp. °C	4.75		5.08		4.67	4.80	5.23	4.60	4.4	4.3	5.03	5.04	4.5	4.9
Raw Water Inlet Pressure (kpa)	62.6		62.7		88.3	62.9	62.6	87.9	82.4	87.8	87.4	87.6	82.2	82.5
Water Meter Current (L)	1347947		1351523		1354303	1355282	1358191	1359818	1362332	1363920	1366559	1367456	1370305	1371116
Water Meter Previous (L)	1345315		1347947		1351523	1354303	1355282	1358191	1359818	1362332	1363920	1366559	1367456	1370305
Consumption	2632		3576		2780	979	2909	627	2,514	1588	2639	897	2949	811
Flow to Town	2747		3114		2744	2582	2936	2560	2641	2612	2537	2748	2544	2.878
Time	0930		0900		1100	1630	0830	1630	1000	1630	1000	1730	1100	1630
Employee Initials	PM		PM		PM	PM	PM	P.W	PW	PW	PW	PW	PW	PW

Notes:

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Iqaluit WTP daily Labwork

Day:

Raw Water

	29 Saturday	30 Sunday	1 Monday	2 Tuesday	3 Wednesday	4 Thursday	5 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.80 /	6.86 /	6.84 / 6.87	6.85 / 6.93	7.08 / 7.01	7.11 / 7.18	7.09 / 7.15
Temperature (c°)	5.0 /	5.1 /	4.9 / 3.4	5.0 / 5.0	4.4 / 4.3	5.4 / 4.2	4.3 / 5.1
Turbidity	0.21 /	0.21 /	0.23 / 0.21	0.21 / .33	.39 / .29	.28 / .21	.23 / .33

Treated Water

PH	6.99 /	6.93 /	6.87 / 6.87	6.91 / 7.12	6.91 / 6.96	7.04 / 7.37	7.21 / 7.15
Temperature (c°)	5.5 /	5.5 /	5.6 / 5.8	5.3 / 4.6	5.3 / 5.7	6.3 / 6.7	6.5 / 6.9
Turbidity	0.21 /	0.19 /	0.19 / 0.22	0.21 / .30	.32 / .34	.29 / .30	.28 / .29
Free Cl2 mg/l	1.08 /	1.07 /	1.04 / 1.07	1.01 / .94	1.01 / .90	.91 / 1.05	1.11 / 1.15
Total Cl2 mg/l	1.26 /	1.18 /	1.18 / 1.17	1.13 / 1.14	1.21 / 1.28	1.21 / 1.45	1.35 / 1.36

Initial	0945 /	0945 /	0915 / 1045	0845 / 1630	1000 / 1630	1000 / 1630	1100 / 1630
Time	PM /	PM /	PM / PM	PM / PW	PW / PW	PW / PW	PW / PW

Week Ending Date The: May 5, 2023

Water Treatment Plant Log

Iqaluit

Week Ending:	Saturday		Sunday		Monday		Tuesday		Wednesday		Thursday		Friday	
CL2 Cylinder Duty	1		1		1	1	1	1	1	1	1	1	1	1
Chlorine Cycle Weight (kg)	49.6		44.8		40.4	38.0	35.0	32.0	29.2	27.8	24.2	22.1	19.8	18.2
Chlorine Flow Rate %	47%		OFF		OFF	OFF	45%	OFF	52%	OFF	45%	OFF	45%	45%
Rota Meter	10		OFF		OFF	OFF	10	OFF	10.8	OFF	10	OFF	10	10
U.V System Duty	2		2		2	2	2	2	2	2	2		2	2
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	47.2		OFF		OFF	OFF	46.2	OFF	46.7	OFF	51.4	OFF	51.3	46.8
U.V Power %	44%		OFF		OFF	OFF	44%	OFF	48%	OFF	48%	OFF	48%	44%
UVT %	94%		94%		94%	94%	94%	94%	94%	94%	94%	94%	94%	94%
Reservoir Level (1)	3.82		3.86		3.72	4.07	3.70	3.71	3.81	3.76	3.77	3.65	3.64	3.60
Reservoir Level (2)	3.87		3.91		3.78	4.09	3.75	3.75	3.85	3.75	3.81	3.69	3.68	3.64
Filtered Water Temp. °C	5.54		5.56		5.5	5.51	5.6	5.56	5.68	5.61	5.73	5.69	5.71	5.76
Raw Water Temp. °C	4.8		4.6		4.8	5.7	5.1	15.6	5.2	8.31	5.6	5.68	5.7	
Raw Water Inlet Pressure (kpa)	81.9		87.2		87.2	87.4	61.5	86.9	61.5	86.6	81.7	86.4	8.42	61.3
Water Meter Current (L)	1373558		1377342		1380667	1382549	1384934	1385990	1388913	1389701	1392251	1393230	1395956	1396956
Water Meter Previous (L)	1371116		1373558		1377242	1380667	1382549	1384934	1385990	1388913	1389701	1392251	1393230	1395956
Consumption	2442		3704		3425	1982	2390	1056	2923	788	3550	979	2726	1000
Flow to Town	2901		2801		2711	2597	2738	2838	3520	2666	2577	2681	2667	
Time	1000		1000		1000	1630	1000	1800	1100	1800	1000	1800	1000	1830
Employee Initials	PW		PW		PW	PW	PW	PW	PW	PW	PW	PW	PW	PW

Notes: Weekending may 12 2023

Iqaluit WTP daily Labwork

Day:

Iqaluit

Raw Water

	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	7.03 /	6.54 /	6.95 / 7.00	7.04 / 6.87	7.07 / 6.85	6.99 / 6.92	7.00 / 7.09
Temperature (c°)	4.9 /	4.6 /	5.2 / 5.5	6.5 / 5.2	5.2 / 8.5	4.6 / 4.9	4.6 / 5.4
Turbidity	.21 /	.29 /	.28 / .29	.29 / .30	.32 / .32	.38 / .32	.44 / .42

Treated Water

PH	7.05 /	6.87 /	7.04 / 7.10	7.02 / 6.95	7.07 / 6.89	7.18 / 7.10	7.02 / 7.08
Temperature (c°)	6.8 /	5.56 /	5.8 / 5.7	6.8 / 7.2	7.3 / 7.6	7.2 / 7.3	6.5 / 8.7
Turbidity	.23 /	.21 /	.27 / .20	.22 / .30	.31 / .	.43 / .39	.48 / .44
Free Cl2 mg/l	1.22 /	1.20 /	1.01 / .99	1.18 / .97	1.34 / 1.07	1.02 / 1.05	.93 / .92
Total Cl2 mg/l	1.31 /	1.41 /	1.13 / 1.09	1.45 / 1.19	1.55 / 1.42	1.07 / 1.15	1.07 / 1.23

Initial	PW /	PW /	PW / PW	PW / PW	PW / PW	PW / PW	PW / PW
Time	1000 /	1000 /	1000 / 1630	1000 / 17:30	1100 / 17.30	1100 / 1630	1000 / 18:30

Week Ending Date The: ~~Weekend~~ May 12 2023

Water Treatment Plant Log

Iqaluit

Week Ending: May 19/2023	Saturday		Sunday		Monday		Tuesday		Wednesday		Thursday		Friday	
CL2 Cylinder Duty	1	1	1		1	1	2	2	2	2	2	2	2	2
Chlorine Cycle Weight (kg)	13.4	8.9	8.9		4	66.8	65.0	61.6	58.1	55.0	51.4	49.0	44.6	44.0
Chlorine Flow Rate %	45%	45%	45%		45%	OFF	33%	58%	OFF	58%	OFF	52%	51%	OFF
Rota Meter	10		10		10	OFF	7.0	12.1	OFF	12.0	OFF	11.8	11.8	OFF
U.V System Duty	2		2		2	2	1.2	1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0		5.0	5.0	3.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	48.4		53.8		51.7	OFF	48.8	47.8	OFF	54.4	OFF	48.5	52.8	OFF
U.V Power %	48%		48%		48%	OFF	44%	58%	OFF	58%	OFF	58%	62%	OFF
UVT %	94%		94%		94%	94%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%
Reservoir Level (1)	3.79		4.02		3.87	3.69	2.89	3.36	3.37	3.83	3.58	3.63	3.91	3.58
Reservoir Level (2)	3.83		4.06		3.92	3.74	2.92	3.40	3.41	3.88	3.62	3.68	3.95	3.61
Filtered Water Temp. °C	5.72		5.53		5.71	5.7	5.96	5.96	5.91	5.83	5.88	5.92	5.90	5.88
Raw Water Temp. °C	4.9		3.7		4.8	13.58	6.09	5.51	5.11	5.59	26.1	5.80	6.00	24.12
Raw Water Inlet Pressure (kpa)	61.0		60.5		60.8	85.8	77.3	61.1	85.6	61.0	85.4	60.2	60.9	85.1
Water Meter Current (L)	1400760		1404890	1407754	1407754	1408456	1410204	1412072	1414811	1416179	1418262	1420038	1423034	1423506
Water Meter Previous (L)	1396956		1400760	1404890	1404890	1407754	1407754	1410204	1412072	1414811	1416179	1418262	1420038	1423034
Consumption	3804		4090	2914	2914	902	2450	1868	2739	1368	2083	1776	2996	472
Flow to Town	3048		2868	2469	2836	2490	2694	2588	2674	2356	2455	2480	2490	2691
Time	1200		1200	1600	1000	1600	1000	1645	0800	1600	0930	1630	1000	1630
Employee Initials	PW		PW	PW	PW	PW	PM	PM	PM	PM	PM	PM	PM	PM
Notes:														

Iqaluit WTP daily Labwork

Day:

Raw Water

	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	7.05 /	7.07 /	7.05 / 6.95	7.02 / 6.88	7.08 / 7.12	6.79 / 6.69	6.77 / 7.76
Temperature (c°)	4.3 /	5.8 /	4.8 / 20.7	4.8 / 4.5	5.3 / 5.9	5.7 / 5.8	4.7 / 4.9
Turbidity	.30 /	.30 /	.29 / .35	0.25 / 0.25	0.26 / 0.26	0.26 / 0.28	0.25 / 0.25

Treated Water

PH	6.97 /	6.85 /	6.97 / 7.10	6.93 / 6.87	6.99 / 7.02	6.56 / 6.70	6.71 / 6.73
Temperature (c°)	6.7 /	6.7 /	6.8 / 8.0	6.3 / 6.2	5.9 / 6.1	6.2 / 6.1	6.0 / 6.3
Turbidity	.32 /	.35 /	.32 / .37	0.28 / 0.28	0.27 / 0.26	0.25 / 0.28	0.28 / 0.28
Free Cl2 mg/l	.95 /	1.08 /	1.10 / .98	0.99 / 1.12	1.17 / 1.19	1.14 / 1.17	1.15 / 1.14
Total Cl2 mg/l	1.37 /	1.35 /	1.30 / 1.06	1.11 / 1.25	1.29 / 1.33	1.31 / 1.36	1.32 / 1.32

Initial	PW /	PW /	PW / PW	PM / PM	PM / PM	PM / PM	PM / PM
Time	1200 /	1200 /	1000 / 1600	1015 / 1700	0800 / 1600	0930 / 1645	1030 / 1645

Week Ending Date The: May 19th, 2023

Water Treatment Plant Log

Iqaluit

Week Ending: May 26th, 2023	20 Saturday		21 Sunday		22 Monday		23 Tuesday		24 Wednesday		25 Thursday		26 Friday	
CL2 Cylinder Duty	2		2		2		2	2	2	2	2	2	2	2
Chlorine Cycle Weight (kg)	40.0		36.1		29.6		24.0	21.4	18.6	15.6	12.2	10.2	68.0	65.8
Chlorine Flow Rate %	51 %		52 %		51 %		51 %	OFF	51 %	50 %	51 %	OFF	45 %	OFF
Rota Meter	11.8		11.8		11.8		11.8	OFF	11.8	11.8	11.8	OFF	10.0	OFF
U.V System Duty	1		1		1		1	1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	47.5		49.9		56.7		48.4	OFF	50.9	48.3	52.5	OFF	50.1	OFF
U.V Power %	58 %		53 %		62 %		58 %	OFF	62 %	62 %	53 %	OFF	52 %	OFF
UVT %	94.0 %		94.0 %		94.0 %		94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %
Reservoir Level (1)	3.58		3.32		3.60		3.76	4.03	3.59	4.01	3.65	4.03	3.70	4.04
Reservoir Level (2)	3.62		3.36		3.64		3.80	4.07	3.64	4.04	3.70	4.07	3.74	4.07
Filtered Water Temp. °C	6.04		6.08		6.01		6.21	6.10	6.06	6.10	6.13	6.05	6.13	6.06
Raw Water Temp. °C	6.01		5.80		6.30		5.90	5.85	5.97	6.10	6.01	6.17	5.97	6.10
Raw Water Inlet Pressure (kpa)	60.5		60.5		60.4		60.1	84.3	59.6	60.6	59.6	83.9	58.5	83.8
Water Meter Current (L)	1426340		1429790		1433109		1437895	1438895	1441012	1442472	1445399	1446871	1449169	1450549
Water Meter Previous (L)	1423506		1426340		1429790		1433109	1437895	1438895	1441012	1442472	1445399	1446871	1449169
Consumption	2834		3450		3319		4786	1000	2117	1460	2927	1472	2298	1380
Flow to Town	2861		2806		2833		2666	2515	2609	2585	2559	2595	2478	2657
Time	1000		1000		1000		1000	1630	0845	1630	0900	1600	0930	1600
Employee Initials	PM		PM		PM		PM	PM	PM	PM	PM	PM	PM	PM
Notes:														

Iqaluit WTP daily Labwork

Day:

Raw Water

	20 Saturday	21 Sunday	22 Monday	23 Tuesday	24 Wednesday	25 Thursday	26 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.76 /	6.74 /	6.85 /	6.81 / 6.86	6.94 / 6.80	6.71 / 6.95	6.97 / 6.87
Temperature (c°)	6.4 /	5.9 /	5.5 / 5.	5.6 / 5.3	6.1 / 4.6	4.2 / 5.8	5.7 / 5.4
Turbidity	0.27 /	0.26 /	0.29 /	0.28 / 0.29	0.30 / 0.30	0.25 / 0.30	0.27 / 0.29

Treated Water

PH	6.76 /	6.79 /	6.81 /	6.89 / 6.94	6.79 / 6.79	6.80 / 6.85	6.82 / 6.80
Temperature (c°)	6.5 /	6.4 /	5.9 /	6.1 / 6.0	5.8 / 6.1	5.8 / 5.9	5.8 / 5.9
Turbidity	0.25 /	0.28 /	0.26 /	0.27 / 0.29	0.28 / 0.29	0.29 / 0.31	0.27 / 0.26
Free Cl2 mg/l	1.06 /	1.08 /	1.08 /	1.09 / 1.11	1.09 / 1.13	1.12 / 1.14	0.95 / 0.85
Total Cl2 mg/l	1.23 /	1.20 /	1.23 /	1.21 / 1.23	1.21 / 1.26	1.26 / 1.26	1.10 / 0.99

Initial	PM /	PM /	PM /	PM / PM	PM / PM	PM / PM	PM / PM
Time	1000 /	1000 /	1000 /	0930 / 1645	0900 / 1645	0930 / 1615	1000 / 1600

Week Ending Date The: May 26th, 2023

Water Treatment Plant Log

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Iqaluit

Week Ending: June 2, 2023	27 Saturday		28 Sunday		29 Monday		30 Tuesday		31 Wednesday		1 Thursday		2 Friday	
CL2 Cylinder Duty	2		2		2	2	2	2	2	2	2	2	2	2
Chlorine Cycle Weight (kg)	62.4		56.6		52.2	50.4	46.6	45.2	43.2	41.2	36.8	35.6	32.2	30.0
Chlorine Flow Rate %	48 %		49 %		48 %	48 %	15 %	20 %	44 %	41 %	34 %	29 %	46 %	46 %
Rota Meter	11.0		11.0		10.5	10.5	3.8	4.0	9.8	9.0	9.0	6.0	10.0	10.0
U.V System Duty	2		2		2	2	2	2	2	2	2	2	2	2
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	51.3		51.4		52.2	46.0	50.7	47.0	68.8	93.1	46.9	46.9	49.3	46.1
U.V Power %	48 %		48 %		48 %	48 %	39 %	39 %	62 %	100 %	44 %	44 %	53 %	48 %
UVT %	94.0%		94.0%		94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%
Reservoir Level (1)	3.84		3.98		3.83	3.67	3.93	3.97	3.34	3.37	3.84	3.82	3.88	3.82
Reservoir Level (2)	3.88		4.01		3.87	3.72	3.97	4.01	3.38	3.41	3.88	3.86	3.92	3.85
Filtered Water Temp. °C	6.14		6.30		6.30	6.29	6.24	6.18	6.18	6.18	6.19	6.16	6.23	6.29
Raw Water Temp. °C	6.24		6.29		6.53	6.71	7.01	6.76	6.64	5.97	6.28	6.44	7.45	6.65
Raw Water Inlet Pressure (kpa)	58.6		58.3		58.3	58.3	80.4	78.8	63.7	69.9	75.4	73.7	60.3	63.7
Water Meter Current (L)	1453157		1457079		1460188	1461285	1464114	1465231	1466921	1468272	1471292	1472353	1474940	1476510
Water Meter Previous (L)	1450549		1453157		1457079	1460188	1461285	1464114	1465231	1466921	1468272	1471292	1472353	1474940
Consumption	2608		3922		3109	1097	2829	1117	1690	1351	3020	1061	2587	1570
Flow to Town	3023		2895		2721	2293	2501	2477	2399	2217	2571	2567	2631	2547
Time	0900		0900		0900	1600	0930	1630	1000	1630	0930	1600	0915	1630
Employee Initials	PM		PM		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
Notes:														

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Iqaluit WTP daily Labwork

Day:

Raw Water

	27 Saturday	28 Sunday	29 Monday	30 Tuesday	31 Wednesday	1 Thursday	2 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.87 / ~~6.84~~	6.84 /	6.84 / 6.87	6.79 / 6.79	6.91 / 6.90	6.84 / 6.86	6.72 / 6.70
Temperature (c°)	5.9 / ~~5.4~~	5.4 /	4.7 / 5.0	5.5 / 5.2	6.3 / 5.8	4.7 / 5.1	6.7 / 6.1
Turbidity	0.29 / ~~0.28~~	0.28 /	0.29 / 0.30	0.32 / 0.32	0.31 / 0.30	0.30 / 0.32	0.32 / 0.30

Treated Water

PH	6.77 /	6.86 /	6.72 / 6.81	6.83 / 6.85	6.88 / 6.83	6.72 / 6.78	6.78 / 6.74
Temperature (c°)	~~0.26~~ 6.1 /	6.0 /	6.1 / 6.2	6.2 / 5.9	6.1 / 6.0	5.8 / 5.7	6.0 / 6.1
Turbidity	0.26 /	0.25 /	0.26 / 0.26	0.28 / 0.28	0.27 / 0.28	0.28 / 0.28	0.28 / 0.29
Free Cl2 mg/l	0.86 /	0.93 /	0.96 / 1.02	0.95 / 0.93	0.85 / 0.92	0.94 / 0.92	0.93 / 0.95
Total Cl2 mg/l	0.99 /	1.06 /	1.08 / 1.18	1.07 / 1.05	0.98 / 1.00	1.07 / 1.04	1.07 / 1.11

Initial	PM /	PM /	PM / PM	PM / PM	PM / PM	PM / PM	PM / PM
Time	0915 /	1000 /	0915 / 1615	0945 / 1645	1015 / 1630	1000 / 1615	0930 / 1630

Week Ending Date The: June 2, 2023

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Iqaluit

Water Treatment Plant Log

Week Ending: June 9, 2023	3 Saturday		4 Sunday		5 Monday		6 Tuesday		7 Wednesday		8 Thursday		9 Friday	
CL2 Cylinder Duty	2		2		2	2	2	2	2	2	1	1	1	1
Chlorine Cycle Weight (kg)	26.6		21.0		16.4	14.4	11.1	9.2	5.4	3.6	66.0	64.2	60.2	58.6
Chlorine Flow Rate %	21 %		30 %		33 %	21 %	30 %	45 %	38 %	52 %	27 %	21 %	22 %	21 %
Rota Meter	4.0		6.1		7.0	4.2	6.8	10.0	8.0	11.8	5.8	5.0	5.0	5.0
U.V System Duty	2		2		2	2	2	1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	47.5		58.5		46.5	45.0	47.4	46.0	46.5	46.6	46.9	52.2	47.7	47.6
U.V Power %	39 %		53 %		44 %	39 %	42 %	48 %	48 %	48 %	48 %	53 %	48 %	48 %
UVT %	94.0%		94.0%		94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0 %	94.0%	94.0%
Reservoir Level (1)	3.96		3.84		3.81	3.98	3.81	3.95	3.95	3.84	3.99	3.93	3.97	3.96
Reservoir Level (2)	4.00		3.89		3.85	4.02	3.86	3.99	3.99	3.88	4.03	3.97	3.99	3.99
Filtered Water Temp. °C	6.27		6.23		6.18	6.16	6.18	6.35	6.99	6.54	6.72	6.68	6.76	6.73
Raw Water Temp. °C	6.71		6.32		6.48	7.25	6.91	7.02	6.48	6.61	6.77	7.70	7.30	7.03
Raw Water Inlet Pressure (kpa)	78.4		74.9		72.5	79.4	74.7	66.7	71.7	66.5	81.3	83.6	84.4	85.0
Water Meter Current (L)	1478851		1481141		1484974	1487763	1489721	1491369	1494289	1495488	1497999	1499138	1501801	1502905
Water Meter Previous (L)	1476510		1478851		1481141	1484974	1487763	1489721	1491369	1494289	1495488	1497999	1499138	1501801
Consumption	2341		2290		3733	2789	1958	1648	2920	1199	2511	1139	2663	1104
Flow to Town	2702		2886		2546	2519	2491	2938	2334	2418	2286	2652	2355	2644
Time	0800		0800		0900	1615	0900	1600	0930	1600	0930	1630	0900	1615
Employee Initials	PM		PM		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM

Notes:

Iqaluit WTP daily Labwork

Day:

Raw Water

	3 Saturday	4 Sunday	5 Monday	6 Tuesday	7 Wednesday	8 Thursday	9 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.81 /	6.81 /	6.81 / 6.82	6.98 / 6.94	6.92 / 6.90	6.79 / 6.82	6.84 / 6.80
Temperature (c°)	5.8 /	5.1 /	5.2 / 6.1	6.1 / 5.9	6.2 / 5.1	5.5 / 7.1	7.2 / 6.8
Turbidity	0.30 /	0.34 /	0.32 / 0.30	0.34 / 0.32	0.28 / 0.29	0.31 / 0.31	0.30 / 0.29

Treated Water

PH	6.74 /	6.80 /	6.83 / 6.79	6.86 / 6.84	6.85 / 6.87	6.82 / 6.83	6.83 / 6.82
Temperature (c°)	6.1 /	5.8 /	5.7 / 5.8	6.1 / 6.0	6.7 / 5.8	6.3 / 6.3	6.6 / 6.4
Turbidity	0.26 /	0.27 /	0.28 / 0.28	0.25 / 0.26	0.28 / 0.28	0.29 / 0.29	0.25 / 0.26
Free Cl2 mg/l	0.92 /	0.89 /	0.86 / 0.90	0.89 / 0.91	0.88 / 0.94	1.02 / 1.07	1.07 / 1.05
Total Cl2 mg/l	1.09 /	1.01 /	1.02 / 1.09	1.04 / 1.07	1.00 / 1.09	1.16 / 1.21	1.18 / 1.13

Initial	PM /	PM /	PM / PM	PM / PM	PM / PM	PM / PM	PM / PM
Time	0930 /	0830 /	0915 / 1630	0930 / 1615	0930 / 1615	0930 / 1645	0900 / 1630

Week Ending Date The: June 9, 2023

Water Treatment Plant Log

Iqaluit

Week Ending: June 16, 2023	10 Saturday		11 Sunday		12 Monday		13 Tuesday		14 Wednesday		15 Thursday		16 Friday	
CL2 Cylinder Duty	1		1	1	1	1	1	1	1	1	1	1	1	1
Chlorine Cycle Weight (kg)	54.2		49.4	45.2	45.2	43.2	40.2	38.4	35.4	33.4	29.6	28.4	25.4	24.0
Chlorine Flow Rate %	43 %		37 %	50 %	50 %	49 %	50 %	22 %	22 %	44 %	22 %	22 %	49 %	17 %
Rota Meter	9.8		8.0	10.8	10.8	11.0	10.8	5.0	5.0	9.8	5.0	5.0	10.8	3.8
U.V System Duty	1		1	1	1	1	1	1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	47.4		47.8	47.6	47.6	47.6	47.6	46.0	47.0	47.8	47.9	47.1	47.6	47.2
U.V Power %	48 %		48 %	48 %	48 %	48 %	48 %	48 %	48 %	48 %	48 %	48 %	48 %	48 %
UVT %	94.0%		94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%
Reservoir Level (1)	3.91		3.95	3.89	3.89	3.92	3.88	3.95	3.92	3.92	3.98	3.95	3.93	3.92
Reservoir Level (2)	3.95		3.99	3.93	3.93	3.96	3.93	3.99	3.96	3.96	4.01	3.98	3.97	3.96
Filtered Water Temp. °C	6.72		6.67	6.58	6.58	6.53	6.50	6.50	6.54	6.59	6.70	6.73	6.78	6.79
Raw Water Temp. °C	6.66		6.53	6.57	6.57	6.41	6.64	7.13	7.72	7.03	7.52	7.81	6.90	7.70
Raw Water Inlet Pressure (kpa)	75.9		82.0	75.2	75.2	74.0	73.8	89.5	89.5	78.7	90.3	90.6	75.2	92.8
Water Meter Current (L)	1508089		1509418	151	1512455	1513945	1516186	1517423	1519596	1520940	1523607	1524575	1526813	1527830
Water Meter Previous (L)	1502905		1508089	1509418	1509418	1512455	1513945	1516186	1517423	1519596	1520940	1523607	1524575	1526813
Consumption	5184		1329		3037	1490	2241	1237	2173	1344	2667	968	2238	1017
Flow to Town	2846		2878	3011	3011	2520	2849	2604	2973	2399	2460	2347	2932	2628
Time	1000		1000	0830	0830	1615	0830	1600	0830	1615	0900	1615	0830	1500
Employee Initials	PM		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM

Notes:

Iqaluit WTP daily Labwork

Day:

Iqaluit

Raw Water

	10 Saturday	11 Sunday	12 Monday	13 Tuesday	14 Wednesday	15 Thursday	16 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.85 /	6.86 / ~~6.92~~	6.92 / 6.84	6.85 / 6.83	6.81 / 6.83	6.79 / 6.86	6.80 / 6.81
Temperature (c°)	5.5 /	6.2 / ~~5.2~~	5.2 / 6.5	6.3 / 5.6	7.5 / 5.2	5.6 / 6.1	6.1 / 6.1
Turbidity	0.31 /	0.29 / ~~0.~~	0.32 / 0.28	0.28 / 0.29	0.30 / 0.28	0.29 / 0.29	0.28 / 0.27

Treated Water

PH	6.88 /	6.90 / ~~6.85~~	6.85 / 6.85	6.84 / 6.82	6.85 / 6.83	6.80 / 6.89	6.87 / 6.85
Temperature (c°)	6.4 /	6.3 / ~~6.1~~	6.1 / 6.3	6.6 / 6.6	6.1 / 6.2	6.7 / 6.8	6.4 / 6.3
Turbidity	0.27 /	0.27 / ~~0.~~	0.25 / 0.25	0.27 / 0.25	0.23 / 0.27	0.24 / 0.25	0.24 / 0.25
Free Cl2 mg/l	0.99 /	1.00 / ~~0.97~~	0.97 / 0.99	0.95 / 0.94	0.97 / 0.99	0.96 / 0.96	0.98 / 0.99
Total Cl2 mg/l	1.14 /	1.14 / ~~1.11~~	1.11 / 1.14	1.08 / 1.14	1.10 / 1.13	1.09 / 1.11	1.08 / 1.12

Initial	PM /	PM / ~~PM~~	PM / PM	PM / PM	PM / PM	PM / PM	PM / PM
Time	1015 /	1015 /	0835 / 1630	0845 / 1615	0830 / 1620	0830 / 1625	0830 / 1615

Week Ending Date The: June 16, 2023

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Iqaluit

Water Treatment Plant Log

Week Ending: June 23, 2023	17 Saturday		18 Sunday		19 Monday		20 Tuesday		21 Wednesday		22 Thursday		23 Friday	
CL2 Cylinder Duty	1		1		1	1	1	1	1	1	2	2	2	2
Chlorine Cycle Weight (kg)	19.8		15.2		10.6	9.0	6.0	68.8	64.6	63.6	62.0	59.2	56.2	54.6
Chlorine Flow Rate %	44 %		49 %		49 %	17 %	51 %	18 %	53 %	51 %	48 %	44 %	34 %	23 %
Rota Meter	9.8		11.0		11.0	3.8	11.8	3.8	12.0	11.8	9.2	9.8	7.0	5.0
U.V System Duty	1		1		1	1	1	1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	47.0		47.1		47.1	47.5	46.9	46.4	45.9	44.2	53.8	52.6	42.8	44.3
U.V Power %	48 %		48 %		48 %	48 %	48 %	48 %	48 %	58 %	58 %	62 %	48 %	48 %
UVT %	94.0 %		94.0 %		94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %
Reservoir Level (1)	3.93		3.82		3.90	3.97	3.89	3.51	3.80	3.92	3.93	3.94	3.85	3.91
Reservoir Level (2)	3.97		3.87		3.94	4.01	3.93	3.55	3.84	3.96	3.98	3.98	3.89	3.95
Filtered Water Temp. °C	6.89		6.89		6.88	6.95	7.09	7.09	7.08	7.05	7.03	6.90	7.10	7.14
Raw Water Temp. °C	6.68		7.08		7.40	7.95	7.01	7.04	6.78	6.96	5.30	7.00	7.27	7.96
Raw Water Inlet Pressure (kpa)	80.4		77.0		79.0	95.5	79.7	95.1	77.4	78.9	81.7	84.9	87.9	96.7
Water Meter Current (L)	1529847		1533988		1537175	1538282	1540456	1541054	1543711	1545085	1547229	1548179	1550208	1551358
Water Meter Previous (L)	1527830		1529847		1533988	1537175	1538282	1540456	1541054	1543711	1545085	1547229	1548179	1550208
Consumption	2017		4141		3187	1107	2174	598	2657	1374	2144	950	2029	1150
Flow to Town	2584		3491		2809	2077	2319	2228	2492	2119	2291	2077	1888	2320
Time	0900		0900		0830	1600	0915	1600	0830	1600	0930	1600	0900	1600
Employee Initials	PM		PM		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
Notes:														

Iqaluit WTP daily Labwork

Day:

Iqaluit

Raw Water	17 Saturday	18 Sunday	19 Monday	20 Tuesday	21 Wednesday	22 Thursday	23 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.76 /	6.84 /	6.76 / 6.75	6.77 / 6.82	6.72 / 6.77	6.76 / 6.74	6.74 / 6.81
Temperature (c°)	6.8 /	5.7 /	6.5 / 6.4	6.2 / 6.1	6.3 / 6.5	5.9 / 6.3	6.7 / 6.6
Turbidity	0.29 /	0.28 /	0.29 / 0.30	0.30 / 0.32	0.29 / 0.29	0.29 / 0.28	0.27 / 0.29

Treated Water

PH	6.80 /	6.78 /	6.82 / 6.83	6.85 / 6.83	6.83 / 6.83	6.81 / 6.81	6.83 / 6.82
Temperature (c°)	6.7 /	6.5 /	7.1 / 7.2	7.3 / 7.3	6.8 / 6.9	6.4 / 6.4	7.0 / 7.3
Turbidity	0.24 /	0.26 /	0.28 / 0.29	0.24 / 0.24	0.24 / 0.25	0.24 / 0.25	0.24 / 0.24
Free Cl2 mg/l	0.98 /	0.96 /	0.95 / 0.99	0.92 / 0.91	0.91 / 0.99	0.94 / 0.96	0.90 / 0.91
Total Cl2 mg/l	1.10 /	1.07 /	1.08 / 1.10	1.05 / 1.03	1.04 / 1.14	1.05 / 1.09	1.04 / 1.05

Initial	PM /	PM /	PM / PM	PM / PM	PM / PM	PM / PM	PM / PM
Time	0915 /	0915 /	0845 / 1615	0930 / 1615	0845 / 1615	0945 / 1615	0915 / 1615

Week Ending Date The: June, 23 2023

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Iqaluit

Water Treatment Plant Log

Week Ending: June 30, 2023	24 Saturday	25 Sunday	26 Monday		27 Tuesday		28 Wednesday		29 Thursday		30 Friday	
CL2 Cylinder Duty	2	2	2	2	2	2	2	2	2	2	2	2
Chlorine Cycle Weight (kg)	51.6	47.6	42.0	39.8	37.0	34.8	30.4	29.8	25.2	23.4	20.2	18.2
Chlorine Flow Rate %	19%	20%	37%	20%	47%	58%	56%	51%	46%	20%	27%	42%
Rota Meter	4.0	4.0	8.0	4.0	10.0	12.0	12.0	12.0	12.0	4.0	8.0	12.0
U.V System Duty	1	1	1	1	1	1	1	1	1	1	1	1
Mega Litre Per Day	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	52.2	47.7	51.1	46.1	55.7	53.6	747.4	88.5	50.2	47.7	47.6	47.3
U.V Power %	53%	48%	58%	48%	58%	58%	48%	100%	58%	48%	48%	53%
UVT %	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94%	94%	94%	94%	94%
Reservoir Level (1)	3.83	3.56	3.95	3.97	3.88	3.83	3.82	3.39	3.93	3.99	3.96	3.95
Reservoir Level (2)	3.87	3.60	3.99	4.00	3.92	3.87	3.86	3.42	3.97	4.02	4.0	3.98
Filtered Water Temp. °C	7.37	7.61	7.39	7.40	7.50	7.55	7.56	7.53	7.38	7.43	7.48	7.43
Raw Water Temp. °C	7.79	8.60	7.26	8.53	8.27	8.01	7.20	11.90	7.22	8.72	7.75	7.52
Raw Water Inlet Pressure (kpa)	98.1	98.7	93.4	99.3	88.8	84.1	84.5	85.4	90.3	101.4	99.9	92.8
Water Meter Current (L)	1553767	1555455	1559628	1560910	1562742	1563940	1566573	1566849	1569520	1570583	1572669	1573864
Water Meter Previous (L)	1551358	1553767	1555455	1559628	1560910	1562742	1563940	1566573	1566849	1569520	1570583	1572669
Consumption	2409	1688	4173	1282	1832	1198	2633	276	2671	1063	2086	1195
Flow to Town	2546	2699	2703	2120	2242	2147	2136	2167	2202	2016	6159	1625
Time	0900	0900	0800	1630	0842	1600	0900	04:00	09:00	04:00	09:00	04:00
Employee Initials	PM	PM	PM	PM	AM	PM	PM	~~PM~~ BT	~~AM~~ BT	~~PM~~ BT	~~AM~~ BT	~~PM~~ BT
Notes:												

Iqaluit WTP daily Labwork

Day:

Iqaluit

Raw Water	24 Saturday	25 Sunday	26 Monday	27 Tuesday	28 Wednesday	29 Thursday	30 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.75 /	6.73 /	6.79 / 6.85	6.77 / 6.85	6.85 / 6.87	6.86 / 6.79	6.81 / 6.74
Temperature (c°)	7.3 /	8.3 /	5.8 / 6.6	7.0 / 5.9	6.6 / 6.0	7.2 / 8.0	7.6 / 7.1
Turbidity	0.30 /	0.30 /	0.30 / 0.32	0.31 / 0.28	0.30 / 0.34	0.31 / 0.32	0.34 / 0.35

Treated Water

PH	6.85 /	6.85 /	6.83 / 6.81	6.80 / 6.79	6.82 / 6.78	6.84 / 6.76	6.77 / 6.80
Temperature (c°)	7.4 /	7.5 /	7.2 / 7.2	7.5 / 7.4	7.5 / 7.8	8.1 / 7.7	7.8 / 7.8
Turbidity	0.24 /	0.23 /	0.25 / 0.25	0.24 / 0.24	0.24 / 0.25	0.23 / 0.26	0.23 / 0.25
Free Cl2 mg/l	0.86 /	0.88 /	1.01 / 1.04	1.01 / 1.05	1.06 / 1.19	1.08 / 1.08	1.07 / 1.12
Total Cl2 mg/l	0.98 /	0.99 /	1.16 / 1.20	1.17 / 1.19	1.20 / 1.26	1.23 / 1.25	1.29 / 1.32

Initial	PM /	PM /	PM / PM	PM / PM	PM / PM	AM / PM	AM / PM
Time	0915 /	0915 /	0815 / 1645	0915 / 1615	0915 / 04:00	09:00 / 04:00	09:00 / 04:00

Week Ending Date The: June 30, 2023

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Iqaluit

Water Treatment Plant Log

Week Ending: July 7, 2023	1 Saturday		2 Sunday		3 Monday		Tuesday		Wednesday		Thursday		Friday	
CL2 Cylinder Duty	2		2		2				*	*	*	*	*	1
Chlorine Cycle Weight (kg)	12.4		9.0		5.0			66.2	*	*	*	*	*	62.8
Chlorine Flow Rate %	20%		54%		21%			81%	*	*	*	*	*	19%
Rota Meter	4.0		12.0		4.0				*	*	*	*	*	6.0
U.V System Duty	1		1		1			1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0		5.0			5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	52.5		42.5		46.1			101.7	55.0	54.2	47.1	48.8	49.9	48.2
U.V Power %	53%		67%		48%			100%	62%	48%	58%	58%	53%	53%
UVT %	94%		94%		94%			94%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%
Reservoir Level (1)	3.98		3.94		3.98			2.19	2.00	2.50	3.16	3.15	4.01	3.94
Reservoir Level (2)	4.02		3.98		4.02			2.21	2.01	2.52	3.21	3.20	4.03	3.98
Filtered Water Temp. °C	7.56		7.64		7.27			7.31	6.81	6.48	6.49	6.38	6.30	6.50
Raw Water Temp. °C	8.69		6.29		7.19			5.27	4.80	7.16	4.90	4.80	8.25	8.74
Raw Water Inlet Pressure (kpa)	102.6		87.5		104.6			66.7	88.6	102.4	99.2	88.9	107.9	108.2
Water Meter Current (L)	1577227		1579446		1581972			1584320	1585798	1587580	1590392	1591572	1594621	1595550
Water Meter Previous (L)	1573864		1577227		1577227			1581972	1584320	1585798	1587580	1590392	1591572	1594621
Consumption	3363		2219		4745			2348	1478	1782	2812	1180	3049	929
Flow to Town	2252		2518		1920			2432	2519	1961	2007	2139	2132	2233
Time	07:20 PM		1:00 PM		09:00 AM			5:30 PM	0800	1630	0930	1600	0900	1600
Employee Initials	[illegible]		[illegible]		[illegible]			[illegible]	PM	PM	PM	PM	PM	PM

Notes:

* System running on hypo PM

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Iqaluit WTP daily Labwork

Day:

Raw Water

	1 Saturday	2 Sunday	3 Monday	4 Tuesday	5 Wednesday	6 Thursday	7 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.73 /	/ 6.87	6.78 /	/ 6.84	7.00 / 6.83	6.70 / 6.91	6.84 / 6.91
Temperature (c°)	8.58 /	/ 6.9	7.3 /	/ 5.2	4.9 / 5.8	5.2 / 4.3	8.2 / 6.8
Turbidity	0.32 /	/ 0.33	0.35 /	/ 0.52	0.32 / 0.34	0.38 / 0.37	0.36 / 0.39

Treated Water

PH	6.84 /	/ 6.79	6.80 /	/ 6.80	6.82 / 6.89	6.87 / 6.88	6.88 / 6.87
Temperature (c°)	7.51 /	/ 7.8	7.50 /	/ 7.6	6.3 / 6.1	5.8 / 5.7	6.2 / 6.3
Turbidity	0.24 /	/ 0.25	0.21 /	/ 0.29	0.29 / 0.30	0.27 / 0.25	0.26 / 0.28
Free Cl2 mg/l	1.05 /	/ 1.02	0.94 /	/ 0.83	1.08 / 1.32	1.35 / 1.32	1.03 / 1.07
Total Cl2 mg/l	1.17 /	/ 1.21	1.23 /	/ 0.91	1.25 / 1.48	1.55 / 1.46	1.18 / 1.21

Initial	[illegible] /	/ [illegible]	[illegible] /	/ [illegible]	PM / PM	PM / PM	PM / PM
Time	07:25 PM /	/ 01:00 pm	9:00 am /	/ 5pm	0745 / 1645	0945 / 1615	0915 / 1615

Week Ending Date The: July 7th, 2023

Water Treatment Plant Log

Iqaluit

Week Ending: July 14, 2023	8 Saturday		9 Sunday		10 Monday		11 Tuesday		12 Wednesday		13 Thursday		14 Friday	
CL2 Cylinder Duty	1	1	1		1		1	1	1	1	1	1	1	1
Chlorine Cycle Weight (kg)	57.8	49.6	49.6		42.6		35.8	33.6	28.6	26.4	21.6	19.6	15.2	13.4
Chlorine Flow Rate %	16 %	14 %	14 %		31 %		33 %	12 %	12 %	12 %	11 %	11 %	11 %	9 %
Rota Meter	4.0	4.0	4.0		10.0		10.0	4.0	6.0	6.0	5.0	5.0	5.0	4.0
U.V System Duty	1	1	1		1		1	1	1	1	1	1	1	1
Mega Litre Per Day	5.0	5.0	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	47.1	48.1	48.1		48.1		59.5	46.3	48.6	48.7	48.3	49.4	49.7	49.5
U.V Power %	53 %	53 %	53 %		62 %		72 %	53 %	53 %	53 %	53 %	53 %	53 %	53 %
UVT %	94.0%	94.0%	94.0%		94.0%		94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%
Reservoir Level (1)	3.90	3.97	3.97		3.92		3.70	3.96	3.95	3.95	3.99	3.99	3.93	3.90
Reservoir Level (2)	3.94	4.01	4.01		3.96		3.74	3.99	3.99	3.99	4.02	4.02	3.97	3.95
Filtered Water Temp. °C	6.96	7.42	7.42		7.81		7.89	7.86	8.03	8.05	7.95	7.83	7.73	7.68
Raw Water Temp. °C	10.23	9.30	9.30		7.99		11.84	9.48	9.12	8.67	8.01	8.68	8.27	8.75
Raw Water Inlet Pressure (kpa)	108.2	109.2	109.2		92.0		89.2	110.0	110.5	110.5	110.6	110.5	111.3	111.3
Water Meter Current (L)	1597361	1600765	1600765		1603872		1606826	1608002	1610091	1611120	1613451	1614375	1616463	1617313
Water Meter Previous (L)	1595550	1597361	1597361		1600765		1603872	1606826	1608002	1610091	1611120	1613451	1614375	1616463
Consumption	1811	404	3404		3107		2954	1176	2089	1029	2331	924	2088	850
Flow to Town	2008	2258	2258		2474		2090	2107	2314	2122	2081	2036	2231	2013
Time	0830	0900	0900		0900		0945	1600	0900	1600	0915	1615	0930	1615
Employee Initials	PM	PM	PM		PM		PM	PM	PM	PM	PM	PM	PM	PM

Notes:

Iqaluit WTP daily Labwork

Day:

Iqaluit

Raw Water

	8 Saturday	9 Sunday	10 Monday	11 Tuesday	12 Wednesday	13 Thursday	14 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.90 /	6.85 /	6.88 /	6.82 / 6.82	6.91 / 6.78	6.80 / 6.81	6.79 / 6.86
Temperature (c°)	8.7 /	7.6 /	6.0 /	6.8 / 8.3	8.9 / 7.8	6.5 / 6.9	6.5 / 7.5
Turbidity	0.40 /	0.39 /	0.39 /	0.40 / 0.35	0.40 / 0.41	0.41 / 0.41	0.40 / 0.39

Treated Water

PH	6.81 /	6.75 /	6.75 /	6.74 / 6.74	6.79 / 6.65	6.67 / 6.64	6.68 / 6.71
Temperature (c°)	7.1 /	7.5 /	7.7 /	7.8 / 8.3	8.0 / 7.9	7.9 / 7.8	7.6 / 7.5
Turbidity	0.29 /	0.29 /	0.28 /	0.30 / 0.29	0.29 / 0.31	0.34 / 0.33	0.33 / 0.33
Free Cl2 mg/l	1.29 /	1.51 /	1.58 /	1.49 / 1.42	1.38 / 1.40	1.19 / 1.37	1.42 / 1.37
Total Cl2 mg/l	1.48 /	1.70 /	1.73 /	1.63 / 1.60	1.64 / 1.57	1.57 / 1.53	1.55 / 1.51

Initial	0845 /	0915 /	0915 /	PM / PM	PM / PM	PM / PM	PM / PM
Time	PM /	PM /	PM /	1000 / 1615	0915 / 1615	0930 / 1630	0945 / 1630

Week Ending Date The: July 14th, 2023

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Iqaluit

Water Treatment Plant Log

Week Ending: July 21, 2023	15 Saturday		16 Sunday		17 Monday		18 Tuesday		19 Wednesday		20 Thursday		21 Friday	
CL2 Cylinder Duty	1		1		2	2	2	2	2	2	2	2	2	2
Chlorine Cycle Weight (kg)	9.0		2.2		64.2	62.4	57.2	55.2	49.8	47.8	42.8	40.8	36.0	33.8
Chlorine Flow Rate %	20%		9%		9%	7%	19%	5%	16%	6%	6%	5%	5%	4%
Rota Meter	8.0		3.0		3.0	3.0	8.0	2.0	6.0	2.0	2.0	2.0	4.0	4.0
U.V System Duty	1		1		1	1	1	1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	48.7		50.4		44.3	44.2	54.6	55.2	43.1	50.8	50.6	49.1	44.2	49.3
U.V Power %	62%		53%		48%	48%	62%	48%	58%	53%	53%	53%	48%	53%
UVT %	94.0%		94.0%		94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%	94.0%
Reservoir Level (1)	3.95		3.97		3.99	3.95	3.92	3.98	3.93	3.98	3.96	3.96	3.99	3.92
Reservoir Level (2)	3.99		4.01		4.04	4.00	3.97	4.02	3.98	4.03	4.01	4.01	4.04	3.98
Filtered Water Temp. °C	7.74		7.35		7.12	7.09	7.09	7.11	7.09	7.07	7.10	7.10	7.14	7.14
Raw Water Temp. °C	8.00		6.00		5.70	5.71	5.90	5.75	5.56	5.62	5.57	6.82	5.78	5.70
Raw Water Inlet Pressure (kpa)	101.8		112.1		112.2	112.3	94.5	114.0	94.8	112.5	112.7	112.9	112.7	114.3
Water Meter Current (L)	1619543		1623124		1625787	1626604	1628881	1629926	1632196	1633156	1635166	1636016	1638086	1639000
Water Meter Previous (L)	1617313		1619543		1623124	1625787	1626604	1628881	1629926	1632196	1633156	1635166	1636016	1638086
Consumption	2230		3581		2663	817	2277	1045	2270	1960	2010	850	2070	914
Flow to Town	2286		2385		2029	2101	2082	2168	2167	2140	1547	2137	2016	1907
Time	0900		0900		0900	1600	0900	1600	0900	1600	0900	1615	0900	1600
Employee Initials	PM		PM		PM	PM	PM	PM	PM	PM	PM	PM	PM	PM

Notes:

Iqaluit WTP daily Labwork

Day:

Raw Water

	15 Saturday	16 Sunday	17 Monday	18 Tuesday	19 Wednesday	20 Thursday	21 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.80 /	6.90 /	6.76 / 6.91	6.77 / 6.85	6.75 / 6.81	6.88 / 6.93	6.93 / 6.95
Temperature (c°)	7.5 /	6.1 /	5.4 / 6.0	5.6 / 5.9	5.4 / 5.6	5.9 / 6.1	5.6 / 5.7
Turbidity	0.39 /	0.43 /	0.42 / 0.46	0.42 / 0.38	0.38 / 0.37	0.38 / 0.39	0.41 / 0.39

Treated Water

PH	6.71 /	6.67 /	6.67 / 6.67	6.66 / 6.67	6.65 / 6.64	6.65 / 6.73	6.75 / 6.77
Temperature (c°)	7.7 /	7.1 /	6.5 / 6.6	6.4 / 6.5	6.4 / 6.4	6.5 / 6.4	6.5 / 6.6
Turbidity	0.29 /	0.33 /	0.30 / 0.29	0.29 / 0.28	0.29 / 0.31	0.29 / 0.29	0.30 / 0.30
Free Cl2 mg/l	1.29 /	1.28 /	1.42 / 1.38	1.43 / 1.46	1.41 / 1.41	1.43 / 1.42	1.46 / 1.41
Total Cl2 mg/l	1.47 /	1.45 /	1.56 / 1.55	1.59 / 1.59	1.60 / 1.54	1.65 / 1.59	1.61 / 1.57

Initial	PM /	PM /	PM / PM	PM / PM	PM / PM	PM / PM	PM / PM
Time	0915 /	0915 /	0915 / 1615	0915 / 1615	0915 / 1615	0930 / 1630	0915 / 1615

Week Ending Date The: July 21, 2023

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Iqaluit

Water Treatment Plant Log

Week Ending: July 28, 2023	22 Saturday		23 Sunday		24 Monday		25 Tuesday		26 Wednesday		27 Thursday		28 Friday	
CL2 Cylinder Duty	2		2		2	2	2	2	1	1	1	1	1	1
Chlorine Cycle Weight (kg)	28.0		22.0		15.2	13.2	8.0	5.6	64.4	62.6	58.6	56.4	52.0	50.4
Chlorine Flow Rate %	10 %		4 %		9 %	4 %	4 %	3 %	9 %	7 %	3 %	4 %	4 %	10 %
Rota Meter	4.0		4.0		4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
U.V System Duty	1		1		1	1	1	1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	47.1		49.2		46.5	44.9	50.4	44.0	45.2	56.3	49.3	49.3	44.1	52.3
U.V Power %	57 %		53 %		62 %	48 %	53 %	48 %	62 %	67 %	53 %	53 %	48 %	72 %
UVT %	94.0 %		94.0 %		94.0 %	94.0 %	94 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %	94.0 %
Reservoir Level (1)	3.33		3.98		3.88	3.93	3.96	3.96	3.93	3.76	3.91	3.99	3.98	3.87
Reservoir Level (2)	3.38		4.03		3.94	3.98	4.01	4.01	3.98	3.82	3.96	4.04	4.03	3.93
Filtered Water Temp. °C	7.26		7.41		7.52	7.57	7.70	7.76	7.88	7.91	7.98	7.99	~~16.3~~ 8.07	8.10
Raw Water Temp. °C	6.10		6.10		6.20	6.41	6.47	6.57	6.59	6.60	6.60	6.86	7.0	7.10
Raw Water Inlet Pressure (kpa)	94.0		112.4		93.3	112.6	112.5	114.4	96.6	99.7	114.0	112.1	112.4	93.7
Water Meter Current (L)	1641362		1644709		1647963	1648856	1651129	1652599	1654623	1655306	1657299	1658599	1660610	1661573
Water Meter Previous (L)	1639000		1641362		1644709	1647963	1648856	1651129	1652599	1654623	1655306	1657299	1658599	1660610
Consumption	2362		3347		3254	893	2273	1470	2024	683	1993	1300	2011	963
Flow to Town	2416		2296		2439	2044	2251	2478	2180	2036	2346	1993	1974	1876
Time	0900		0900		0830	1600	10:00	1745	0900	1600	0830	1600	10:00	1600
Employee Initials	PM		PM		PM	PM	~~AM~~ BJ	PM	PM	PM	PM	PM	~~BJ~~	PM

Notes:

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Iqaluit WTP daily Labwork

Day:

Raw Water

	22 Saturday	23 Sunday	24 Monday	25 Tuesday	26 Wednesday	27 Thursday	28 Friday
	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM	AM / PM
PH	6.92 /	6.98 /	6.99 / 7.00	6.93 / 6.96	7.04 / 6.97	6.95 / 6.94	7.02 / 6.91
Temperature (c°)	6.1 /	6.4 /	6.5 / 6.7	6.4 / 6.6	6.8 / 6.8	6.9 / 6.6	7.4 / 6.8
Turbidity	0.41 /	0.40 /	0.39 / 0.39	0.37 / 0.37	0.42 / 0.36	0.39 / 0.41	0.44 / 0.38

Treated Water

PH	6.72 /	6.76 /	6.73 / 6.77	6.77 / 6.78	6.76 / 6.75	6.76 / 6.75	6.75 / 6.74
Temperature (c°)	6.7 /	6.8 /	6.8 / 6.7	7.0 / 6.9	7.2 / 7.5	7.6 / 7.4	7.5 / 7.8
Turbidity	0.31 /	0.35 /	0.30 / 0.34	0.28 / 0.28	0.32 / 0.31	0.28 / 0.28	0.30 / 0.31
Free Cl2 mg/l	1.66 /	1.28 /	1.27 / 1.32	1.34 / 1.28	1.24 / 1.22	1.27 / 1.24	1.24 / 1.27
Total Cl2 mg/l	1.86 /	1.42 /	1.43 / 1.52	1.48 / 1.47	1.38 / 1.40	1.49 / 1.42	1.42 / 1.45

Initial	PM /	PM /	PM / PM	PM / PM	PM / PM	PM / PM	BJ / PM
Time	0915 /	0915 /	0845 / 1615	1015 / 1800	0915 / 1615	0845 / 1615	10:21 / 1615

Week Ending Date The: July 28, 2023

Water Treatment Plant Log

Iqaluit

Week Ending: ~~July~~ Aug 4,23	29 Saturday		30 Sunday		31 Monday		1 Tuesday		2 Wednesday		3 Thursday		4 Friday	
CL2 Cylinder Duty	1		1		1	1	1	1	1	1	1	1	1	1
Chlorine Cycle Weight (kg)	45.6		40.4		33.6	31.8	26.8	24.6	20.0	17.4	12.8	10.0	6.0	4.0
Chlorine Flow Rate %	10 %		8 %		4 %	9%	4 %	9 %	4%	9 %	8%	8%	8%	4%
Rota Meter	4.0		4.0		4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
U.V System Duty	1		1		1	1	1	1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	55.8		46.5		45.8	54.1	45.5	59.8	44.3	45.6	48.1	95%	48.4	49.1
U.V Power %	58 %		67 %		48 %	62 %	48 %	67 %	48%	58%	62%	82.8%	62%	53%
UVT %	94.0%		94.0%		94.0%	94.0%	94.0%	94.0%	94.0%	94%	94%	94%	94%	94%
Reservoir Level (1)	3.95		3.89		3.97	3.91	3.91	3.92	3.98	3.95	3.96	3.85	3.88	3.97
Reservoir Level (2)	4.00		3.95		4.02	3.97	3.97	3.97	4.03	4.0	4.0	3.90	3.93	4.01
Filtered Water Temp. °C	8.20		8.27		8.32	8.34	8.36	8.38	8.4	8.43	8.45	8.45	8.49	8.47
Raw Water Temp. °C	7.00		7.03		6.90	7.16	6.97	7.21	7.07	7.27	7.12	7.24	7.32	7.48
Raw Water Inlet Pressure (kpa)	93.8		96.7		112.1	98.9	111.8	95.4	111.7	98.2	104.7	93.3	95.8	111.7
Water Meter Current (L)	1663921		1666462		1669950	1670928	1673001	1674179	1676202	1677583	1679434	1680891	1683062	1684306
Water Meter Previous (L)	1661573		1663921		1666462	1669950	1670928	1673001	1674179	1676202	1677583	1679434	1680891	1683062
Consumption	2348		2541		3488	978	2073	1178	2023	1381	1851	1457	2171	1244
Flow to Town	2321		2411		2118	2351	2535	2166	2169	1998	2610	3029	3096	2179
Time	0900		0930		1000	1600	0915	1600	0900	05:10	09:00	06:05	09:00	04:00
Employee Initials	PM		PM		PM	PM	PM	PM	BT	BT	BT	BT	BT	BT

Notes:

Water Treatment Plant Log

Iqaluit

week ending Aug 11 2023

Week Ending:	5 Saturday		6 Sunday		7 Monday		8 Tuesday		9 Wednesday		10 Thursday		11 Friday	
CL2 Cylinder Duty	2		2		2		2	2	2	2	2	2	2	1
Chlorine Cycle Weight (kg)	59.4		52.0		45.0		38.40	36.0	31.2	29.8	24.4	17.4	10.4	65.6
Chlorine Flow Rate %	9%		10%		4%		9%	4%	6%	3%	62%	63%	32%	22%
Rota Meter	4		4		4		4	4	4	4	10	10	6	4
U.V System Duty	1		1		1		1	1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	58.3		61.1		50.6		43.6	52.2	55.5	45.7	58.4	60.7	58.2	49.5
U.V Power %	58%		67%		53%		62%	53%	62%	48%	67%	62%	62%	53%
UVT %	94%		94%		94%		94%	94%	94%	94%	94%	94%	94%	94%
Reservoir Level (1)	3.95		3.88		3.97		3.86	3.97	3.89	4.01	3.39	3.68	3.97	3.96
Reservoir Level (2)	4.0		3.93		4.02		3.92	4.01	3.94	4.05	3.44	3.74	4.01	4.01
Filtered Water Temp. °C	8.53		8.57		8.60		8.61	8.62	8.63	8.65	8.62	8.64	8.64	8.67
Raw Water Temp. °C	7.40		7.42		7.40		7.40	7.48	7.28	7.22	7.36	7.63	7.32	7.36
Raw Water Inlet Pressure (kpa)	97.6		93.2		115.5		92.8	111.1	92.5	111.3	93	93.5	108.8	111.3
Water Meter Current (L)	1686638		1689809		1692811		1695747	1697076	1698973	1700172	1702288	1704352	1706839	1708127
Water Meter Previous (L)	1684306		1686638		1689809		1692811	1695747	1697076	1698973	1700172	1702288	1704352	1706839
Consumption	2332		3171		3002		2936	1329	1897	1,199	2116	2064	2487	1288
Flow to Town	2248		2561		2186		2466	2124	2187	2356	3637	2135	2208	2307
Time	09:00		11:00		10:45		09:00	04:10	09:00	04:10	08:20	04:10	09:00	04:20
Employee Initials	BT		BT		BT		BT	BT	BT	BT	BT	BT	BT	BT

Notes:

Water Treatment Plant Log

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Week Ending:	Week ending Aug 18 2023													
	12 Saturday		13 Sunday		14 Monday		15 Tuesday		16 Wednesday		17 Thursday		18 Friday	
CL2 Cylinder Duty	1		1		1	1	1	1	1	1	1	1	1	1
Chlorine Cycle Weight (kg)	62.4		58.4		52.8	49.60	46.2	42.4	39.4	37.2	33.6	31.2	27.2	25.8
Chlorine Flow Rate %	58%		63%		63%	24%	63%	23%	63%	62%	63%	24%	25%	24%
Rota Meter	8		8		8	4	6	4	8	8	8	4	4	4
U.V System Duty	1		1		1	1	1	1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	52.2		84.1		60.7	49.9	58.3	49.4	50.8	43.0	45.9	49.8	48.0	45.4
U.V Power %	62%		100%		72%	53%	76%	53%	67%	62%	62%	53%	53%	48%
UVT %	94%		94%		94%	94%	94%	94%	94%	94%	94%	94%	94%	94%
Reservoir Level (1)	3.92		3.87		3.90	3.90	3.42	4.01	3.87	3.94	3.90	3.97	3.96	3.97
Reservoir Level (2)	3.97		3.93		3.96	3.95	3.47	4.05	3.93	3.99	3.95	4.01	4.01	4.02
Filtered Water Temp. °C	8.68		8.70		8.74	8.73	8.74	8.76	8.78	8.81	8.80	8.81	8.81	8.91
Raw Water Temp. °C	7.60		7.50		7.58	7.69	7.65	7.70	7.50	7.53	7.52	7.66	7.77	11.12
Raw Water Inlet Pressure (kpa)	1708127 92.5		92.2		93.2	110.3	92.5	110.9	92.40	92.8	91.7	110.5	110.4	110.70
Water Meter Current (L)	1710277		1713243		1716521	1717658	1719849	1721462	1723688	1724779	1726945	1728209	1730437	1731346
Water Meter Previous (L)			1710277		1713243	1716521	1717658	1719849	1721462	1723688	1724779	1726945	1728209	1730437
Consumption	2150		2966		3278	1137	2191	1613	2226	1091	2166	1264	2228	909
Flow to Town	2302		2511		2383	6143	2250	2826	2199	2342	2221	2709	1996	2519
Time	10:30		10:00		09:15	04:15	09:00	04:00	09:00	03:30	9:45	5:10	09:00	04:00
Employee Initials	BT		BT		BT	BT	BT	BT	BT	BT	BT	BT	BT	BT
Notes:														

Water Treatment Plant Log

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Week ending Aug 25 2023

Week Ending:	19 Saturday		20 Sunday		21 Monday		22 Tuesday		23 Wednesday		24 Thursday		25 Friday	
CL2 Cylinder Duty	1		1		2	2	2	2	2	2	2	2	2	2
Chlorine Cycle Weight (kg)	20.2		16.0		63.6	63.0	61.0	57.6	53.2	50.4	45.0	40.6	36.4	33.0
Chlorine Flow Rate %	32%		58%		63%	63%	57%	25%	59%	25%	60%	25%	60%	59%
Rota Meter	4		8		8	8	8	4	8	4	8	4	8	8
U.V System Duty	< 1		1		1	1	1	1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	43.9		48.6		59.4	52.4	54.9	53.7	45.9	45.7	46.6	44.3	44.5	48.1
U.V Power %	53%		58%		67%	67%	58%	28%	58%	53%	58%	48%	62%	58%
UVT %	94%		94%		94%	94%	94%	94%	94%	94%	94%	94%	94%	94%
Reservoir Level (1)	3.98		3.94		3.83	3.89	3.94	3.99	3.89	3.98	3.88	3.97	3.87	3.94
Reservoir Level (2)	4.02		3.99		3.88	3.94	3.99	4.03	3.95	4.02	3.93	4.02	3.92	3.99
Filtered Water Temp. °C	10.2		10.77		11.30	11.39	11.47	11.44	11.49	11.38	11.26	11.17	11.06	11.0
Raw Water Temp. °C	10.4		11.05		10.90	10.9	10.71	10.94	10.3	10.28	10.10	10.04	9.9	10.0
Raw Water Inlet Pressure (kpa)	108.3		93.3		89.5	93.5	97.7	111.8	97.6	112.2	93.7	112.2	94.1	97.3
Water Meter Current (L)	1734145		1736949		1740538	1741669	1744113	1745060	1747377	1748421	1750627	1752343	1754384	1755505
Water Meter Previous (L)	1731346		1734145		1736949	1740538	1741669	1744113	1745060	1747377	1748421	1750627	1752343	1754384
Consumption	2799		2804		3589	1131	2444	947	2317	1044	2206	1716	2041	1121
Flow to Town	2704		2454		2374	2202	2360	2504	2281	2122	1924	2489	2127	2260
Time	11:00		9:45		9:30	4:18	9:30	3:45	9:30	4:00	9:00	5:20	9:15	4:00
Employee Initials	PBT		PBT		PBT	PBT	PBT	PBT	PBT	PBT	PBT	PBT	PBT	PBT
Notes:														

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Water Treatment Plant Log

Week ending Sept 2 2023

Week Ending:	26 Saturday		27 Sunday		28 Monday		29 Tuesday		30 Wednesday		Thursday		Friday	
CL2 Cylinder Duty	2		2		2	2	2	2	2	2	2	2	2	2
Chlorine Cycle Weight (kg)	27.0		18.0		8.0	66.2	62.2	60.2	56.8	54.8	51.6	48.0	44.60	43.0
Chlorine Flow Rate %	33%		65%		65%	64%	57%	24%	62%	24%	25%	58%	58%	62%
Rota Meter	4		8		8	8	8	4	8	4	4	8	8	8
U.V System Duty	1		1		1	1	1	1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	45.8		52.3		48.6	50.1	49.9	49.3	55.4	45.4	45.7	50.6	48.9	48.3
U.V Power %	48%		67%		62%	62%	62%	53%	72%	53%	48%	58%	58%	62%
UVT %	94%		94%		94%	94%	94%	94%	94%	94%	94%	94%	94%	94%
Reservoir Level (1)	3.97		3.88		3.79	3.90	3.93	3.98	3.81	3.94	3.90	3.90	3.92	3.88
Reservoir Level (2)	4.02		2.73		3.84	3.95	3.98	4.03	3.87	3.99	3.95	3.95	3.98	3.94
Filtered Water Temp. °C	10.87		10.70		10.58	10.54	10.46	10.44	10.36	10.30	10.20	10.13	10.04	9.99
Raw Water Temp. °C	9.70		9.57		9.55	9.60	9.30	9.30	9.10	9.10	8.90	8.97	8.54	8.90
Raw Water Inlet Pressure (kpa)	109.70		94.2		93.9	89.8	97.3	112.0	89.8	111.90	111.50	93.70	97.9	93.7
Water Meter Current (L)	1758056		1761464		1765100	1766358	1768917	1769991	1772205	1773326	1775299	1777348	1779501	1780242
Water Meter Previous (L)	1755505		1758056		1761464	1765100	1766358	1768917	1769991	1772205	1773326	1775299	1777348	1779501
Consumption	2551		2738		~~1765100~~ 3636	1258	2559	1074	2214	1121	1973	2047	1955	741
Flow to Town	2694		3408		2634	3601	2330	2399	2210	2383	2424	2726	0	5814
Time	11:00		11:30		9:00	4:15	10:20	4:15	9:15	3:30	7:00	6:15	9:00	5:00
Employee Initials	BT		BT		BT	BT	BT	BT	BT	BT	BT	BT	BT	BT
Notes:														

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Water Treatment Plant Log

Week Ending:	2 Saturday		3 Sunday		4 Monday		5 Tuesday		6 Wednesday		7 Thursday		8 Friday	
CL2 Cylinder Duty	2		2		2		2	2	2	2	2	2	2	2
Chlorine Cycle Weight (kg)	39.2		34.2		28.4		22.4	20.8	16.2	15.0	11.2	9.2	66.4	64.2
Chlorine Flow Rate %	63%		16%		37%		62%	43%	24%	24%	59%	24%	25%	24%
Rota Meter	8		2		4		8	4	4	4	8	4	5	5
U.V System Duty	1		1		1		1	1	1	1	1	1	1	1
Mega Litre Per Day	58.1		45.9		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	5.0 I		5.0 I		52.7		45.5	54.6	49.0	45.7	49.1	45.1	56.9	45.1
U.V Power %	67%		48%		53%		62%	62%	53%	48%	67%	48%	53%	48%
UVT %	94%		94%		94%		94%	94%	94%	94%	94%	94%	94%	94%
Reservoir Level (1)	3.90		3.95		3.89		3.93	3.96	3.94	3.99	3.90	3.98	3.99	4.00
Reservoir Level (2)	3.95		4.01		3.95		3.98	4.00	3.98	3.35	3.96	4.02	4.03	3.98
Filtered Water Temp. °C	9.87		9.68		9.38		9.19	9.15	8.99	8.90	8.74	8.59	8.41	8.31
Raw Water Temp. °C	8.32		7.90		7.70		7.70	7.70	7.07	7.12	6.70	6.70	[illegible]	6.50
Raw Water Inlet Pressure (kpa)	93.60		113.7		100.8		94.3	110.60	111.9	111.02	95.8	119.9	116.8	111.9
Water Meter Current (L)	1782709		1785577		1788942		1792789	1793740	1796546	1797257	1798625	1800736	1803315	1804286
Water Meter Previous (L)	1780242		1782709		1785577		1788942	1792789	1793740	1796546	1796546	1798625	1800736	1803315
Consumption	2467		2868		3365		3847	951	2806	711	3079	1111	2579	971
Flow to Town	2491		1943		2270		2719	2062	2346	1943	2234	2495	2370	2428
Time	11:00		7:30		8:30		9:37	3:30	10:30	3:30	9:00	4:00	10:30	9:30
Employee Initials	BT		BT		BT		BT	BT	BT	BT	BT	BT	PW	PW

Notes:

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Water Treatment Plant Log

Week Ending:	Saturday 9		Sunday 10		Monday 11		Tuesday 12		Wednesday 13		Thursday 14		15 Friday	
CL2 Cylinder Duty	2		2		2	2	2	2	2	2	2	2	2	2
Chlorine Cycle Weight (kg)	61.8		53.6		49.0	45.4	41.2	38.80	35.6	33.4	29.2	26.8	24.9	19.3
Chlorine Flow Rate %	65%		24%		63%	63%	60%	24%	57%	63%	0%	57%	57%	56%
Rota Meter	8		4		8	13	8	4	8	8	0	12	12	12
U.V System Duty	1		1		1	1	1	1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	101.8		49.7		59.2	57.3	49.0	55.3	56.8	54.2	0.0	47.1	46.2	57.6
U.V Power %	100%		53%		76%	72%	62%	53%	67%	67%	0.0	67%	67%	67%
UVT %	94%		94%		94%	94%	94%	94%	94%	94%	94%	94.1	94%	94%
Reservoir Level (1)	3.05		3.96		3.69	3.88	3.91	3.97	3.89	3.91	3.97	3.99	3.90	3.92
Reservoir Level (2)	3.09		4.01		3.74	3.78	3.96	4.02	3.94	3.96	4.01	3.97	3.98	3.98
Filtered Water Temp. °C	8.25		8.01		7.94	7.89	7.84	7.83	7.79	7.70	7.50	7.49	7.20	7.16
Raw Water Temp. °C	6.33		6.30		6.30	6.37	6.30	6.30	5.90	5.94	5.40	5.60	5.50	5.94
Raw Water Inlet Pressure (kpa)	89.1		119.10		93.4	93.7	96.0	111.9	97.1	93.2	111.8	93.1	93.1	96.4
Water Meter Current (L)	1805741		1809989		1812808	1814737	1817114	1818144	1820340	1821472	1823886	1826033	1828905	1828109
Water Meter Previous (L)	1804268		1805741		1809989	1812808	1814737	1817114	1818144	1820340	1821472	1823896	1826033	1826905
Consumption	1473		4248		2819	2129	2377	1030	2196	1132	2414	2137	2872	1204
Flow to Town	2645		2708		2403	4929	2280	2291	2132	2310	2240	2230	2215	2294
Time	9:30		9:30		7:00	4:30 pm	9:00	4:00	9:00	4:00	9:45	4:30	9:30	2 PM
Employee Initials	BT		BT		BT	PW	BT	BT	BT	BT	BT	PW	PW	PW
Notes:														

Water Treatment Plant Log

Sept/23

Week Ending:	Saturday 16		Sunday 17		Monday 18		Tuesday 19		Wednesday 20		Thursday 21		Friday 22	
CL2 Cylinder Duty	2		2		2	2	2	2	2	2	2	2	2	2
Chlorine Cycle Weight (kg)	16.4		11.7		63.2	60.8	57.0	54.4	51.0	48.4	45.0	42.6	38.4	36.3
Chlorine Flow Rate %	17%		17%		55%	24%	58%	53%	48%	47%	54%	47%	47%	25%
Rota Meter	15		5		8	4	8	12	12	10	11	10	10	6
U.V System Duty	1		1		1	1	1	1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	102.5		49.1		48.2	45.4	51.6	50.3	43.1	56.0	55.6	48.9	53.2	46.7
U.V Power %	100%		53%		62%	48%	67%	62%	62%	62%	62%	62%	58%	48%
UVT %	94%		94%		94%	94%	94%	94%	94%	94%	94%	94%	94%	94%
Reservoir Level (1)	2.39		3.91		3.89	3.94	3.87	3.94	3.84	3.89	3.87	3.91	3.89	3.96
Reservoir Level (2)	2.42		3.96		3.95	3.99	2.72	4.00	2.66	3.95	2.71	3.97	2.76	4.01
Filtered Water Temp. °C	5.72		6.59		6.36	6.34	6.28	6.21	6.17	6.12	6.10	6.07	6.07	6.08
Raw Water Temp. °C	7.1		4.4		4.30	4.50	4.20	4.50	4.20	4.30	4.20	4.30	4.10	4.19
Raw Water Inlet Pressure (kpa)	91.2		112.2		97.8	115.6	99.6	99.9	99.3	96.8	101.9	102.8	102.5	111.2
Water Meter Current (L)	1829194		1834646		1834350	1839567	1841836	1843065	1845164	1846505	1848558	1849744	1852072	1853176
Water Meter Previous (L)	1828109		1829194		1834646	1834350	1839567	1841836	1843065	1845164	1846505	1848558	1849744	1852072
Consumption	1085		5452		3704	1217	2269	1229	3328	1341	2053	1186	2328	1104
Flow to Town	2151		2426		2422	2430	2329	2290	2429	2561	2331	2182	2341	2499
Time	0800		0930		0900	4:21	09:00	04:00	09:00	04:00	09:00	0400	09:00	04:00
Employee Initials	PW		PW		BT	BT	BT	BT	BT	BT	BT	BT	BT	BT
Notes:														

Water Treatment Plant Log

Sept/23 Week ending sept 29 2023

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Week Ending:	Saturday 23		Sunday 24		Monday 25		Tuesday 26		Wednesday 27		Thursday 28		29 Friday	
CL2 Cylinder Duty	2		2		2	2	2	2	1	1	1	1	1	1
Chlorine Cycle Weight (kg)	31.2		26.0		18.8	15.8	12.0	9.4	67.4	65.0	62.0	59.2	54.0	51.4
Chlorine Flow Rate %	58%		17%		57%	24%	24%	60%	60%	23%	67%	66%	31%	12%
Rota Meter	12		4		12	6	6	12	12	4	12	12	6	3
U.V System Duty	~~4~~ 1		1		1	1	1	1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	45.1		46.8		51.1	46.1	49.4	49.2	58.2	45.9	55.5	54.4	45.0	46.7
U.V Power %	58%		48%		58%	48%	58%	67%	67%	48%	62%	58%	48%	48%
UVT %	94%		94%		94%	94%	94%	94%	94%	94%	94%	94%	94%	94%
Reservoir Level (1)	3.87		3.91		3.88	3.97	3.87	3.93	3.67	3.92	3.81	3.75	3.99	3.13
Reservoir Level (2)	3.92		3.97		3.94	4.03	3.93	3.99	3.73	3.98	3.87	3.81	3.36	3.98
Filtered Water Temp. °C	6.02		5.93		5.73	5.66	5.65	5.66	5.74	5.74	5.75	5.76	5.70	5.74
Raw Water Temp. °C	3.90		3.50		3.70	3.82	4.03	4.21	4.10	4.16	3.90	4.03	3.91	5.01
Raw Water Inlet Pressure (kpa)	95.9		113.0		104.0	113.4	93.0	93.7	92.9	111.2	93.1	93.0	108.8	113.4
Water Meter Current (L)	1855908		1858767		1862498	1864051	1866204	1867489	1869752	1871097	1873256	1874674	1877615	1878512
Water Meter Previous (L)	1853176		1855908		1858767	1862498	1864051	1866204	1867489	1869752	1871097	1873256	1874674	1877615
Consumption	2732		2859		3731	1553	2153	1285	2263	1345	2157	1418	2941	897
Flow to Town	2672.		2209		2507	2225	2616	2344	2297	2273	2766	2936	2498	2313
Time	6:00		8:00		9:00	04:00	09:00	04:00	09:00	04:00	08:30	04:00	09:00	04:00
Employee Initials	BT		BT		BT		BT	BT	BT	BT	BT	BT	BT	BT

Notes:

Water Treatment Plant Log

Iqaluit

Week ending Oct 06 / 2023

Week Ending:	Saturday		Sunday		Monday		Tuesday		Wednesday		Thursday		Friday 6	
CL2 Cylinder Duty	1		1		1		1	1	1	1	1	1	1	1
Chlorine Cycle Weight (kg)	47.4		40.0		34.0		28.2	25.2	22.4	19.8	15.4	13.6	9.4	7.8
Chlorine Flow Rate %	16%		16%		16%		46%	22%	60%	23%	59%	59%	50%	57%
Rota Meter	4		4		4		8	4	12	4	12	12	12	12.4
U.V System Duty	1		1		1		1	1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	46.1		45.4		45.7		55.6	45.8	41.1	45.1	49.5	49.3	48.1	49.1
U.V Power %	48%		48%		48%		62%	48%	67%	48%	62%	58%	68%	67%
UVT %	94%		94%		94%		94%	94%	94%	94%	94%	94%	94%	94%
Reservoir Level (1)	3.93		3.92		3.89		3.84	3.91	3.83	3.91	3.82	3.89	3.98	3.54
Reservoir Level (2)	3.97		3.96		3.93		3.88	3.95	3.87	3.95	3.87	3.94	4.0	3.58
Filtered Water Temp. °C	5.74		5.73		5.78		5.84	5.84	5.83	5.77	5.72	5.63	5.58	5.56
Raw Water Temp. °C	5.5		5.95		6.10		6.31	6.30	6.03	6.10	5.61	5.47	5.8	5.93
Raw Water Inlet Pressure (kpa)	112.2		112.6		110.9		114.4	110.9	93.2	110.7	89.9	89.3	104.2	93.3
Water Meter Current (L)	1880469		1884566		1888173		1891830	1893102	1895396	1896559	1898874	190 0015	1902497	1903677
Water Meter Previous (L)	1878512		1880469		1884566		1888173	1891830	1893102	1895396	1896559	1898874	190 0015	1902497
Consumption	1957		4097		3607		3667	1272	2294	1163	2315	1141	2482	1180
Flow to Town	1831		2322		2723		3118	2453	2417	2337	2333	2132	2704	2526
Time	07:00		8:30		9:45		9:15	04:00	09:00	04:00	09:00	04:00	0900	0430
Employee Initials	BT		BT		BT		BT	BT	BT	BT	BT	BT	PW	PW

Notes:

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Water Treatment Plant Log

Week ending Oct 13 2024

Week Ending:	Saturday		Sunday		Monday		Tuesday		Wednesday		Thursday		Friday	
CL2 Cylinder Duty	2		2		2		2	2	2	2			2	2
Chlorine Cycle Weight (kg)	66.0		59.4		54.0		47.0	44.2	40.6	38.6			25.6	23.4
Chlorine Flow Rate %	62%		16%		22%		36%	60%	30%	23%			30%	23%
Rota Meter	12		2		4		8	12	8	4			6	5
U.V System Duty	1		1		1		1	1	1	1			1	1
Mega Litre Per Day	5.0		5.0		5.0		5.0	5.0	5.0	5.0			5.0	5.0
MJ/CM²	55.6		45.5		45.2		37.3	43.3	56.6	46.7			49.6	44.3
U.V Power %	72%		48%		48%		58%	58%	58%	48%			53%	48%
UVT %	94%		94%		94%		94%	94%	94%	94%			94%	94%
Reservoir Level (1)	3.47		3.93		3.89		3.91	3.93	3.98	3.96	4.00		~~4.78~~	3.97
Reservoir Level (2)	3.52		3.98		3.93		3.95	3.97	3.34	3.30	3.36		4.47	3.31
Filtered Water Temp. °C	5.46		5.32		5.22		5.01	4.94	4.81	4.76			4.00	4.64
Raw Water Temp. °C	6.16		5.80		5.00		4.50	4.16	3.20	3.30			3.36	5.14
Raw Water Inlet Pressure (kpa)	89.3		112.7		110.4		106.7	93.4	108.7	110.90			108.7	110.9
Water Meter Current (L)	1905451		1909460		1912899		1916724	1918299	1920492	1921547			1927861	1928904
Water Meter Previous (L)	1903677		1905451		1909460		1912899	1916724	1918299	1920492			1921547	1927861
Consumption	2074		3709		3439		3825	1575	2193				6314	1,043
Flow to Town	6562		1978		1979		3131	2247	2507	2231			2326	2253
Time	9:30		7:55		7:30		RT	RT	RT	RT			0900	1630
Employee Initials	RT		RT		RT		8:00	4:00	8:30	4:00			PW	PW

Notes:

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Water Treatment Plant Log

Week ending Oct 20/2023

Week Ending:	Saturday		Sunday		Monday		Tuesday		Wednesday		Thursday		Friday	
CL2 Cylinder Duty	2		2		2	2	2	2	2	2	2	2	2	2
Chlorine Cycle Weight (kg)	19.8		13.2		64	3.8	68	62	55.6	53.6	51.7	46.8	45.4	45.2
Chlorine Flow Rate %	23%		23%		68%	64%	57%	59%	24%	23%	23%	58%	22%	70%
Rota Meter	4.2		3.1		12.6	12	12.4	12.6	5	4.8	4.8	12.2	4	18
U.V System Duty	1		1		1	1	1	1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	58.2		45.2		48.2	50.9	73.1	47.8	47.7	46.4	47.6	46.9	48.3	49.5
U.V Power %	53%		48%		62%	58%	58%	58%	48%	48%	48%	48%	48%	48%
UVT %	94%		94%		94%	94%	95%	94%	94%	94%	94%	94%	94%	94%
Reservoir Level (1)	3.99		3.99		3.92	3.8	2.76	3.23	3.98	3.96	3.98	3.99	2.90	1.92
Reservoir Level (2)	3.34		3.33		3.46	3.93	2.78	3.26	3.33	4.0	4.01	3.98	2.91	1.92
Filtered Water Temp. °C	4.68		4.54		4.38	4.15	4.8	4.5	4.0	4.1	4.39	4.06	4.12	4.43
Raw Water Temp. °C	4.89		4.81		4.4	4.27	4.77	4.06	4.38	3.99	3.97	3.86	4.49	4.5
Raw Water Inlet Pressure (kpa)	110.09		108.3		98.3	93.0	89.1	93.3	110.5	110.7	112	114	111.7	117.7
Water Meter Current (L)	1931131		1934384		1938614	1939934	1940768	1942975	1945975	1946762	1949234	1950144	19[illegible]	1951448
Water Meter Previous (L)	1928904		1931131		1934384	1938614	1938614	1940768	1942975	1945775	1946762	1949234	1950144	1952[illegible]
Consumption	1763		3053		4230	1320	2154	2207	2609	1087	2472	2470	2067	788
Flow to Town	2.442		2356		2762	2539	3150	2406	2294	2134	2243	2231	2181	2198
Time	0800		0800		0830	1630	0830	0430	0830	0630	0830	1630	0830	1630
Employee Initials	PW		PW		PW	PW	PW	PW	PW	PW	PW	PW	PW	PW
Notes:													1952206 1951448	

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ater Treatment Plant Log

Week ending OCT 27/2023

Week Ending:	Saturday		Sunday		Monday		Tuesday		Wednesday		Thursday		Friday	
CL2 Cylinder Duty	2		2		2	2	2	2	1	1	1	1	1	1
Chlorine Cycle Weight (kg)	33.0		25.0		16.4	14.0	8.8	6.8	61.2	59.0	54	52.2	47.6	45.8
Chlorine Flow Rate %	71%		34%		27%	21%	72%	21%	74%	27%	33%	26%	27%	27%
Rota Meter	15		6.4		6.2	14.4	14.8	5.2	15	5	6.4	5.2	5.2	5.2
U.V System Duty	1		1		1	1	1	1	1	1	1	1	1	1
Mega Litre Per Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
MJ/CM²	60.1		44.2		45.2	42.4	45.5	46.6	51.3	46.4	44.1	46.6	46.4	46.4
U.V Power %	67%		48%		48%	67%	58%	48%	62%	48%	53%	48%	48%	48%
UVT %	94%		94%		94%	94%	94%	94%	94%	94%	94%	94%	94%	94%
Reservoir Level (1)	3.78		3.97		3.94	3.89	3.89	3.99	3.90	4.01	3.89	3.90	3.98	3.97
Reservoir Level (2)	3.83		2.91		2.86	3.94	3.93	3.31	3.96	3.36	2.76	2.78	3.35	3.30
Filtered Water Temp. °C	3.37		3.68		3.52	3.62	3.5	3.5	3.51	3.63	3.84	3.54	3.56	3.57
Raw Water Temp. °C	3.79		3.54		3.3	3.33	3.72	3.61	3.7	3.75	3.53	3.74	3.70	3.82
Raw Water Inlet Pressure (kpa)	91.9		108.2		110.1	93.2	88.9	110.1	92.5	110.2	102.6	110.1	108.9	109.9
Water Meter Current (L)	3.78	1956358	1959595		1963199	1964108	1966429	1967660	1969820	1971025	1973448	1974278	1976688	1977560
Water Meter Previous (L)	3.83	1951448	1956358		1959595	1963199	1964108	1966429	1967660	1969820	1971025	1973448	1974278	1976688
Consumption		4910	3247		3604	919	2321	1231	2160	1205	2423	830	2408	872
Flow to Town		2408	2474		2232	2242	2148	2285	2363	2190	2357	2173	2239	2324
Time		0800	0800		0900	1630	0900	1630	0830	1630	0900	1645	0900	1500
Employee Initials		PW	PW		PW	PW	PW	PW	PW	PW	PW	PW	PW	PW

Notes:

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ater Treatment Plant Log

Nov 28-3 /2023

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Week Ending:	Saturday		Sunday		Monday		Tuesday		Wednesday		Thursday		Friday	
CL2 Cylinder Duty	1		1		1	1	1	1	1	1	1	1	1	2
Chlorine Cycle Weight (kg)	41.2		34.2		28.6	25.8	21.4	19.2	13.2	12.1	11.1	9.6	6.3	61.0
Chlorine Flow Rate %	35%		41%		68%	24%	63%	24%	51%	41%	67%	25%	24%	61%
Rota Meter	7		11		12	6	12	5	5	5	15	5	5	12
U.V System Duty	1		1		1	1	1	1	1	1	1	1	1	1
Mega Litre Per Day	5		5		5	5	5	5	5	5	5	5	5	5
MJ/CM²	50.6		48.3		58.0	46.3	54.3	46.5	52.6	46.1	50.6	45.9	45.1	44.8
U.V Power %	53%		58%		67%	48%	62%	48%	53%	48%	62%	48%	48%	53%
UVT %	94%		94%		94%	94%	94%	94%	94%	94%	94%	94%	94%	94%
Reservoir Level (1)	3.97		3.96		3.86	3.98	3.9	3.95	3.90	3.86	3.68	4.01	3.90	3.92
Reservoir Level (2)	4.01		4.01		3.91	4.02	3.95	4.0	3.94	3.91	3.73	4.05	3.95	3.96
Filtered Water Temp. °C	3.6		3.6		3.59	3.60	3.61	3.62	3.65	3.71	3.66	3.65	3.70	3.70
Raw Water Temp. °C	3.57		3.69		3.84	3.47	3.27	3.08	3.76	3.79	3.90	3.70	3.60	3.68
Raw Water Inlet Pressure (kpa)	107.6		105.7		92.2	109.5	91.7	109.6	95.4	104.2	91.1	109.5	109.6	93.2
Water Meter Current (L)	1980241		1983623		1986497	1987924	1990280	1991465	1994427	1995819	1996771	1998472	2000480	2001977
Water Meter Previous (L)	1977560		1980241		1983623	1986497	1987924	1990280	1991465	1994427	1994427	1996771	1998472	2000480
Consumption	2781		3382		2874	1427	2356	1185	2962	1392	2344	1701	2008	1497
Flow to Town	2612		2621		3551	2199	4852	2369	2260	2173	2746	2267	2701	2361
Time	0900		0900		08:00	03:00	08:15	03:45	08:00	4:00	8:30	4:00	8:30	4:00
Employee Initials	PW		PW		PBT	PBT	PBT	PBT	PBT	PBT	PBT	PBT	PBT	PBT
Notes:														

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Water Treatment Plant Log

Week ending Nov 10 2023

Week Ending:	Saturday		Sunday		Monday		Tuesday		Wednesday		Thursday		Friday	
CL2 Cylinder Duty	2		2		2	2	2	2	2	2	2	2	2	2
Chlorine Cycle Weight (kg)	58.2		52.8		48.0	45.8	42.0	39.6	36.2	33.8	28.8	26.8	23.6	21.4
Chlorine Flow Rate %	61%		61%		62%	24%	65%	23%	60	64%	60%	61%	61%	23%
Rota Meter	12		12		14	6	14	4	14	14	13	14	14	6
U.V System Duty	1		1		1	1	1	1	1	1	1	1	1	1
Mega Litre Per Day	5		5		5	5	5	5	5	5	5	5	5	5
MJ/CM²	53.7		48.0		42.3	46.5	50.2	48.2	49.0	55.3	49.4	45.7	44.1	45.2
U.V Power %	57%		52%		48%	48%	53%	48%	53%	53%	53%	48%	48%	48%
UVT %	94%		94%		94%	94%	94%	94%	94%	94%	94%	94%	94%	94%
Reservoir Level (1)	3.91		3.89		3.89	3.92	3.78	3.94	3.87	3.79	3.89	3.90	3.93	3.95
Reservoir Level (2)	3.96		3.94		3.94	3.97	3.83	3.98	3.92	3.84	3.93	3.95	3.98	3.97
Filtered Water Temp. °C	3.72		3.74		3.74	3.73	3.75	3.75	3.77	3.77	3.77	3.78	3.81	3.80
Raw Water Temp. °C	3.68		3.75		3.24	3.46	3.89	3.89	4.04	3.82	3.85	4.10	4.25	3.85
Raw Water Inlet Pressure (kpa)	73.1		89.3		93.3	109	93.3	109	90.1	89.7	93.1	92.9	93.2	108.8
Water Meter Current (L)	2004491		2007971		2011078	2012251	2014404	2015625	2017739	2018994	2021352	2022360	2024486	2025608
Water Meter Previous (L)	2004480		2004491		2007971	2011078	2012251	2014404	2015625	2017739	2018994	2021352	2022360	~~2468~~ 2024486
Consumption	2040		3280		3107	1173	1221	2153	2114	1615	2358	1008	2326	1122
Flow to Town	4211		2867		2433	2387	2260	2151	2378	2091	2303	1991	2527	2171
Time	5:00		12:00		8:45	4:00	8:30	4:00	8:15	4:00	9:20	4:00	8:30	5:00
Employee Initials	PBT		PBT		PBT	PBT	PBT	PBT	PBT	PBT	PBT	PBT	PBT	PBT
Notes:														

Water Treatment Plant Log

Week ending Nov 17/23

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Week Ending:	Saturday		Sunday		Monday		Tuesday		Wednesday		Thursday		Friday	
CL2 Cylinder Duty	2		2		1		1	1	2	2	2	2	2	2
Chlorine Cycle Weight (kg)	18.9		15.2		67.8		57.6	52.2	60.2	59.8	54.6	54.4	48.6	46.2
Chlorine Flow Rate %	60%		66%		63%		67%	17%	6%	0%	Ø	62%	63%	OFF
Rota Meter	12		13		12		14	4	2	0	0	14	14	OFF
U.V System Duty	1		1		1		1	1	1	1	1	1	1	1
Mega Litre Per Day	5		5		5		5	5	5	5	5	5	5	5
MJ/CM²	49.4		42.3		53.1		50.5	45.6	53.1	0	0	93.3	51.2	OFF
U.V Power %	46%		53%		58%		53%	48%	53%	0	0	90%	53%	OFF
UVT %	94%		94%		94%		94%	94%	94%	~~94%~~ Ø	94%	94%	94%	94%
Reservoir Level (1)	3.92		2.13		1.61		3.53	3.93	3.99	3.00	3.86	2.55	3.79	3.96
Reservoir Level (2)	3.99		2.15		1.61		3.58	3.97	4.03	3.04	3.91	2.57	3.84	3.90
Filtered Water Temp. °C	3.70		3.84		3.81		3.77	3.75	3.79	3.81	3.83	3.83	3.85	3.88
Raw Water Temp. °C	3.83		3.32		3.33		3.98	3.96	4.00	4.50	4.02	4.72	4.50	3.83
Raw Water Inlet Pressure (kpa)	94.2		89.7		91.6		89.7	109.8	111.0	111.5	115.5	91.0	89.4	111.3
Water Meter Current (L)	2027991		2029498		2032033		2037110	2038759	2040895	2040895	2043508	2043551	2046900	2048166
Water Meter Previous (L)	2025808		2025808		2029498		2032033	2037110	2038759	2040895	2040895	2043508	2043551	2046900
Consumption	2183		3690		2535		5077	1649	2136	Ø	2613	43	3349	1266
Flow to Town	2513		2378		2339		2570	2308	2433	2400	2169	2293	2574	~~2245~~
Time	09:00		09:30		12:00		8:30	4:30	9:00	5:00	6:30	4:30	8:30	1645
Employee Initials	BT		BT		BT		BT	BT	BT	BT	BT	BT	BT	PW
Notes:														

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Water Treatment Plant Log

Week ending Nov 24 2023

Week Ending:	Saturday		Sunday		Monday		Tuesday		Wednesday		Thursday		Friday	
CL2 Cylinder Duty	2		2		2	2	2	2	2	2	2	2	2	2
Chlorine Cycle Weight (kg)	42.4		37.4		32.4	30.8	26.8	25.0	20.2	18.8	16.0	14.0	10.4	9.8
Chlorine Flow Rate %	62%		63%		0%	63%	63%	0%	22%	23%	63%	1%	1%	1%
Rota Meter	13.6		13.6		0	14	14	0	6	6	14	0	0	0
U.V System Duty	1		1		1	1	1	1	1	1	1	1	1	1
Mega Litre Per Day	5		5		5	5	5	5	5	5	5	5	5	5
MJ/CM²	47.2		52.1		0.0	49.4	47.8	0	44.3	44.0	49.2	0.0	0.0	0.0
U.V Power %	53%		58%		0%	53%	53%	0%	53%	48%	53%	0%	0%	0%
UVT %	94%		94%		94%	94%	94%	94%	94%	94%	94%	94%	94%	94%
Reservoir Level (1)	3.85		3.94		3.93	3.80	3.85	3.86	3.94	4.01	3.85	3.91	3.95	3.93
Reservoir Level (2)	3.89		4.59		3.97	3.84	3.89	3.91	3.99	4.05	3.90	3.95	3.99	3.97
Filtered Water Temp. °C	3.9		3.83		3.85	3.95	4.46	4.67	5.10	5.17	5.47	5.55	5.63	5.60
Raw Water Temp. °C	4.5		~~3.88~~ 4.50		4.48	4.70	5.20	4.94	6.42	6.60	4.88	4.96	4.86	5.10
Raw Water Inlet Pressure (kpa)	89.3		89.4		111.9	89.1	89.0	110.9	107.9	107.6	88.9	110.8	110.7	110.7
Water Meter Current (L)	2050582		2053319		2056338	2057216	2059586	2060338	2062597	2063552	2065636	2066883	2068717	2069464
Water Meter Previous (L)	2048166		2050582		2053319	2056338	2057216	2059586	2060338	2062597	2062597	2065636	2066883	2068717
Consumption	2416		2737		3019	878	2370	752	2259	955	3039	4086	2034	
Flow to Town	2624		2665		2099	2109	2150	1964	2270	2007	2235	2253	2560	2004
Time	0800		0900		09:00	04:00	08:30	04:00	9:00	4:00	09:00	04:00	09:00	3:00
Employee Initials	PW		PW		PT	PT	PT	PT	PT	PT	PT	PT	PT	PT

Notes:

Water Treatment Plant Log

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Week ending Dec 1 2023

Week Ending:	Saturday		Sunday		Monday		Tuesday		Wednesday		Thursday		Friday	
CL2 Cylinder Duty	1	1			1	1	1	1	1	1	1	1	1	1
Chlorine Cycle Weight (kg)	51.4	45.6			41.0	38.2	35.0	33.6	31.8	30.1	29.2	24.6	21.6	21.4
Chlorine Flow Rate %	59%	6%			63%	42%	41%	38%	24%	26%	94%	94%	1%	87%
Rota Meter	13	6			13	9	13	8	6	6	20	20	1	18
U.V System Duty	1	1			1	1	1	1	1	1	1	1	1	1
Mega Litre Per Day	5	5			5	5	5	5	5	5	5	5	5	5
MJ/CM²	48.2	48.2			48.1	49.9	48.3	49.7	45.8	45.5	48.6	48.3	0.0	65.0
U.V Power %	53%	48%			53%	48%	48%	48%	48%	53%	53%	53%	0%	67%
UVT %	94%	94%			94%	94%	94%	94%	94%	94%	94%	94%	94%	94%
Reservoir Level (1)	2071816	3.78			3.57	3.85	3.84	3.53	3.04	2.71	2.77	3.63	3.78	2.35
Reservoir Level (2)	2088717	4.03			3.63	3.90	3.88	3.57	3.08	2.74	2.80	3.67	3.83	2.37
Filtered Water Temp. °C	5.74	5.43			5.20	5.35	5.63	19.7	5.98	6.20	6.10	5.39	5.35	5.35
Raw Water Temp. °C	4.99	2.70			5.29	5.22	5.60	6.68	8.46	5.38	4.56	4.4	4.0	6.20
Raw Water Inlet Pressure (kpa)	89.0	105.8			86.6	102.5	105.4	103.2	105.4	107.1	66.6	110.3	109.9	72.8
Water Meter Current (L) 1#	3.89	2075800		~~2077618~~	2077618	2079109	2081809	2081715	2082877	2083574	2086158	2088187	2089782	2089927
Water Meter Previous (L) 2 #2	3.94	2071816		~~2075800~~	2075800	2077618	2079109	2081809	2081715	2082877	2083574	2086158	2088187	2089782
Consumption		3982			1818	1491	1490	604	1162	697	2584	2029	3624	745
Flow to Town	2440	6036			2232	2256	2143	2010	2083	1952	2163	2032	2170	2244
Time	09:00	13:00		9AM	9AM	430PM	9PM	5PM	8:30	4:00	9:00	4:30	6:00	6:30
Employee Initials	PW	PW		PW	PW	PW	PW	PW	PW	PW	PW	PW	PW	PW

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Water Treatment Plant Log

Week Ending: Dec 8 2023

Time AM PM	Saturday		Sunday		Monday		Tuesday		Wednesday		Thursday		Friday		Total
PH	6.79		6.92		6.87	6.89	6.80	6.75	6.69	7.00	6.80	6.90	6.96	6.87	
Temperature	6.5		5.6		5.4	6.0	6.7	6.4	6.6	7.4	7.8	6.7	7.8	7.0	
Chlorine (TOTAL)	1.37		1.24		1.44	1.35	1.31	1.23	1.13	1.14	1.29	1.41	1.14	1.15	
Chlorine (FREE)	1.22		1.18		1.14	1.28	1.22	1.35	1.21	1.30	1.29	1.17	1.23	1.25	
Turbidity	.38		.42		.37	.32	.30	.34	.36	.35	.45	.30	.38	.29	
Chlorine Cycle Weight	14.6		8		7.8	5.3	53.4	51.3	46.8	44.6	41.2	39.0	39.0	35.4	
Chlorine Flow Rate %	off		67%		off	64%	26%	24%	66%	70%	OFF	OFF	OFF	64%	
Zinc Orthophosphate	/		/		/	/	/	/	/	/	/	/	/	/	
Potable Water Temp.	5.18		5.98		5.24	5.29	5.23	5.24	5.45	5.59	5.64	5.78	5.76	6.00	5.79
Reservoir Level (1)	3.66		3.85		3.86	3.87	4.36	4.30	4.30	4.03	4.27	4.20	2.79	3.17	
Reservoir Level (2)	3.7		3.87		3.9	3.91	3.95	4.0	3.59	3.99	3.93	3.77	2.81	3.21	
Mega Litre Day	5.0		5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
MJ/CM²	off		52.1		off	53.4	49.3	44.2	48.1	44.4	OFF	OFF	OFF	48.4	
U.V. Power %	off		58%		off	58%	53%	48%	53%	54%	OFF	OFF	OFF	53%	
Water Meter Current (L)	2093095		2096251		2099733	2101246	2104356	2105656	2107313	2108424	2110158	2111203	2111237	2113052	
Water Meter Previous (L)	2089927		2093095		2096251	2099733	2101246	2104356	2105656	2107313	2108424	2110158	2111203	2111237	
Consumption	3168		3156		3482	1513	3110	1300	1657	1116	1737	1045	54	1795	
Flow to Town	2479		2609		2433	2486	2336	2746	2726	2563	2475	2301	2102	2186	
Rota Meter	off		12		off	11	5.4	5.1	13.4	12.6	OFF	OFF	OFF	~~[illegible]~~ 3.6	
Employee Initials	PW		PW		PW	PW	PW	PW	PW	PW	PW	PW	PW	PW	
Notes	Plant down Dec 8 didn't dail out at low Level PW														

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Water Treatment Plant Log

Week Ending: ~~Jan 13 2023~~ Week ending Dec 15 2023

Time AM PM	Saturday		Sunday		Monday		Tuesday		Wednesday		Thursday		Friday		Total
PH	6.69		7.06		7.0	6.91	7.11	7.01	6.49	6.54	7.03	7.14	7.21	7.15	
Temperature	8.7		24.4		7.5	7.6	7.5	4.9	9.0	9.7	7.5	5.2	9.8	7.6	
Chlorine (TOTAL)	1.30		1.32		1.47	1.25	1.28	1.05	1.14	1.12	0.76	0.99	1.20	.75	
Chlorine (FREE)	1.24		1.05		1.17	.99	1.00	1.25	1.02	1.00	0.53	1.01	1.13	.85	
Turbidity	.30		.35		.34	.44	.40	.36	.47	.43	.35	0.59	0.53	.51	
Chlorine Cycle Weight	30.6		25.8		18.2	15.2	13.2	11.2	10.8	7.4	off	off	off	6.8	
Chlorine Flow Rate %	OFF		OFF		OFF	55%	59%	55%	41%	OFF	off	off	off	OFF	
Zinc Orthophosphate	/		/		/	/	/	/	/	/	/	/	/	/	
Potable Water Temp.	5.95		5.85		5.75	6.38	6.57	6.65	6.49		7.7	8.2	7.5	8.4	
Reservoir Level (1)	3.77		3.02		4.06	4.11	3.89	3.94	2.67	2.72	4.2	4.1	4.0	3.86	
Reservoir Level (2)	3.81		3.09		4.09	4.13	3.91	4.01	2.7	2.78	3.79	3.58	4.4	3.9	
Mega Litre Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	
MJ/CM²	OFF		OFF		OFF	48.3	49.3	48.1	86.9	OFF	0.0	0.0	86.1	0.0	
U.V. Power %	94%		94%		94%	94%	94%	94%	94.	OFF	94.0	94.0	94.0	94.0	
Water Meter Current (L)	2115257		2117368		2121803	2123367	2124121	2125775	2127429	2128584	2131367	2132058	2133832	2134764	
Water Meter Previous (L)	2113052		2115257		2117568	2122803	2123367	2124121	2126163	2127779	2129498	2131387	2134764	2133832	
Consumption	2235		2111		1664	554	754	1654	2066	761	3658	671	952	832	
Flow to Town	2115		2345		2180	2064	2447	2274	2.433	2429	2.901	2374	2.220	2.612	
Rota Meter	OFF		OFF		OFF	12.6	10.2	10.3	10.	OFF	off	off	off	off	
Employee Initials	PW		PW		PW	PW	PW	PW	MR		MR	MR	MR	MR	
Notes															

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Water Treatment Plant Log

Week Ending: ~~Jan 19 2023~~ DEC 22 / 2023

Time AM PM	Saturday		Sunday		Monday		Tuesday		Wednesday		Thursday		Friday		Total
PH	7.15		7.09		7.19	7.12	7.23	7.26	7.17	7.16	7.16	7.21	7.20		
Temperature	8.3		11.8c		11.3	10.7	12.9	12.6	11.0	10.2	10.5c	11.1c	4.5		
Chlorine (TOTAL)	1.70		1.43		1.14	1.70	1.67	1.41	1.16	1.15	0.75	1.14	.92		
Chlorine (FREE)	1.44		1.26		1.74	1.45	1.31	1.28	1.04	0.98	0.98	0.82	.83		
Turbidity	.33		0.64		1.35	.38	0.65	0.46	0.51	0.38	0.31	0.66	.34		
Chlorine Cycle Weight	off		off		off	off	off	off	69.6	63.8	65.8	54.8	51.0%		
Chlorine Flow Rate %	off		off		off	off	off	off	33%	38%	34%	100%	100%	OFF	
Zinc Orthophosphate	—		—		—	—	—	—	—	—	—	—	—		
Potable Water Temp.	8.3		11.8		11.3	10.7	12.9	12.6	11.0	10.2	4.27	11.1	10.8		
Reservoir Level (1)	3.27		4.18		2.58	2.78	3.79	3.83	3.99	3.85	4.22	4.15	4.27		
Reservoir Level (2)	3.3		3.74		2.6	2.8	3.83	3.88	4.02	3.89	3.52	3.69	3.69		
Mega Litre Day	5.0		5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0		
MJ/CM²	48.5		45.7		49.4	55.5	48.8	54.2	49.1	50.2	45.9	45.7	49.3		
U.V. Power %	94.0		94.0		94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94%		
Water Meter Current (L)	2136500		2140607		2142008	2143217	2146196	2147239	2149211	2150027	2152412	2153340			
Water Meter Previous (L)	2134764		2136500		2136500	2142008	2143217	2146196	2147239	2149211	2150027	2152412			
Consumption	1736		4,107		5.508	1,209	2979	1,043	1,972	816	2385	928			
Flow to Town	2.524	2	2.274		2.633	2.092	1946	2.112	2.065	1921	2010	1.886	2.189		
Rota Meter	off		off		off	off	off	off	?	?	?	?			
Employee Initials	MR		MR		MR	MR	MR	MR	MR	MR	MR	MR	PW		
Notes															

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Water Treatment Plant Log

Week Ending: ~~Jan 13 2023~~ WEEK ENDING DEC 29

Time AM PM	Saturday Dec 23		Sunday Dec 24		Monday Dec 25		Tuesday Dec 26		Wednesday Dec 27		Thursday Dec 28		Friday Dec 29		Total
PH	7.20		7.34		7.47		7.24		7.32	7.13	7.36	7.19	7.35		
Temperature	12.3		12.6		12.9		12.0		12.7	9.6	11.6	11.2	12.3		
Chlorine (TOTAL)	1.34		1.46		1.42		1.46		1.49	1.34	1.47	1.21	1.24		
Chlorine (FREE)	1.08		1.25		1.24		1.22		1.27	1.12	1.39	1.15	1.04		
Turbidity	.52		0.39		.42		.31		0.50	0.56	0.60	0.82	0.62		
Chlorine Cycle Weight	50.2		5.0		5.0		5.0		78.0	77.6	75.4	74.2	70.6		
Chlorine Flow Rate %	94%		78%		94%		94%		70%	95%	65%	100%	48%		
Zinc Orthophosphate	—		—		—		—		—	—	—	—	—		
Potable Water Temp.	12.3		12.6		7.29		7.34		12.7	9.6	11.6	11.2	11.3		
Reservoir Level (1)	4.36		4.35		4.24		4.23		4.19	4.1	4.33	4.13	4.34		
Reservoir Level (2)	3.97		3.95		3.87		3.84		3.75	3.57	4.03	3.63	4.04		
Mega Litre Day	5.0		5.0		5.0		5.0		5.0	5.0	5.0	5.0	5.0		
MJ/CM²	48.8		45.8		49.8		45.8		50.2	49.6	46.7	49.7	45.4		
U.V. Power %	940		94.0		53%		48%		94.0	94.0	94.0	94.0	94.0		
Water Meter Current (L)	2157952		2160726		2163414		2163328		2165869	2169776	2171774	2172668	2174600		
Water Meter Previous (L)			2157952		2160726		2163414		2166525	2168869	2169776	2171774	2172668		
Consumption			2.774		2688		2910		2544	907	1998	894	1932		
Flow to Town	1.553		1.588		1888		2332		5.745	2244	1.735	2300	1764		
Rota Meter	5		5		5		5		10	5	5	5	7		
Employee Initials	MR		MR		DLS		DW		MR	MR	MR	MR	MR		
Notes															