

Water Treatment Plant Log



Week Ending: <u>Fri Aug 4, 23</u>	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	12.4	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/CM ²	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



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
Chlorine Cycle Weight (kg)	59.4	52.0	45.0	38.40	36.0	31.2	29.8
Chlorine Flow Rate %	9%	10%	4%	9%	4%	6%	3%
Rota Meter	4	4	4	4	4	4	4
U.V System Duty	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
MJ/CM ²	58.3	61.1	50.6	43.6	52.2	55.5	45.7
U.V Power %	58%	67%	53%	62%	53%	62%	48%
UVT %	94%	94%	94%	94%	94%	94%	94%
Reservoir Level (1)	3.95	3.88	3.97	3.86	3.97	3.89	4.01
Reservoir Level (2)	4.0	3.93	4.02	3.92	4.01	3.94	4.05
Filtered Water Temp. °C	8.53	8.57	8.60	8.61	8.62	8.63	8.65
Raw Water Temp. °C	7.40	7.42	7.40	7.40	7.48	7.28	7.22
Raw Water Inlet Pressure (kpa)	97.6	93.2	115.5	92.8	111.1	92.5	111.3
Water Meter Current (L)	1686638	1689809	1692811	1695747	1697076	1698973	1700172
Water Meter Previous (L)	1684306	1686638	1689809	1692811	1695747	1697076	1698973
Consumption	2332	3171	3002	2936	1329	1897	1199
Flow to Town	2248	2561	2186	2466	2124	2187	2356
Time	09:00	11:00	10:45	09:00	04:10	09:00	04:10
Employee Initials	BT	BT	BT	BT	BT	BT	BT
Notes:							

Water Treatment Plant Log



Week Ending:

Week ending Aug 18 2023

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/CM ²	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		92.2		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



Week ending Aug 29 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	5	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/CM ²	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	11.28	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	21044	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	BT		BT		BT	BT	BT	BT	BT	BT	BT	BT	BT	BT
Notes:														

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/CM ²	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	3.14	3.10	3.10	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	3.15	3.98	3.94
Filtered Water Temp. °C	10.87		10.70		10.58	10.54	10.48	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)	1758058		1761464		1765100	1766358	1768917	1769991	1772205	1773326	1775299	1777348	1779501	1780242
Water Meter Previous (L)	1755805		1758058		1761464	1765100	1766358	1768917	1769991	1772205	1773326	1775299	1777348	1779501
Consumption	2551		2738		1765100	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:														

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	11 45	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/CM ²	5.0 [±]		5.0 [±]		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	6.70	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	111.8	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	1798625	1800736	1803315	1804286
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:

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	24.1	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/CM ²	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	5.54
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	1828405	1828109
Water Meter Previous (L)	1804268		1805741		1809989	1812808	1814737	1817114	1818144	1820340	1821472	1823886	1826033	1826905
Consumption	1473		4248		2819	2129	2377	1030	2196	1132	2441	2137	2372	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		11.3		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	18		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		42.1		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		3.21		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		3.26		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		1834846		1839350	1839567	1841836	1843065	1845164	1846505	1848558	1849744	1852072	1853176
Water Meter Previous (L)	1828109		1825194		1834846	1839350	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	04:00	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



Week Ending:	Saturday 23		Sunday 24		Monday 25		Tuesday 26		Wednesday 27		Thursday 28		21	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
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/CM ²	45.1		46.8		51.1	46.1	49.4	49.2	58.2	45.9	55.5	54.4	45.0	46.2
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	8.02		5.93		5.73	5.66	5.65	5.68	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	2741	897
Flow to Town	2672		2209		2507	2225	2616	2374	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	PT		PT		PT		PT	PT	PT	PT	PT	PT	PT	PT
Notes:														

Water Treatment Plant Log



Week ending OCT 06 / 2023 Iqaluit

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/CM ²	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)	3.13		3.92		3.89		3.84	3.91	3.83	3.91	3.82	3.89	3.98	3.54
Reservoir Level (2)	3.77		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)	1880489		1884566		1888173		1891830	1893102	1895396	1896559	1898874	1900015	19022497	1903677
Water Meter Previous (L)	1878512		1880469		1884566		1888173	1891830	1893102	1895396	1896559	1898874	1900015	19022497
Consumption	1957		4097		3607		3667	1272	2294	1163	2315	1141	2482	1180
Flow to Town	1831		2322		2723		3118	2453	2477	2337	2333	2132	2704	2526
Time	07:00		8:30		9:45		9:15	04:00	09:00	04:00	09:00	04:00	09:00	04:30
Employee Initials	PT		PT		PT		PT	PT	PT	PT	PT	PT	PW	PW

Notes:

Water Treatment Plant Log



Week ending Oct 13 2027

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/CM ²	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%			58%	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		3.27	3.27
Reservoir Level (2)	3.52		3.98		3.93		3.95	3.97	3.34	3.30	3.36		3.31	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)	1905951		1909460		1912899		1916724	1918299	1920492	1921547			1921861	1928904
Water Meter Previous (L)	1903677		1905151		1909460		1912899	1916724	1918299	1920492			1921547	1927861
Consumption	2074		3209		3439		3825	1575	2193				6314	1043
Flow to Town	6562		1978		1979		3131	2247	2507	2231			2326	2253
Time	9:30		7:55		7:30		8T	8T	8T	8T			0900	1630
Employee Initials	BT		BT		BT		8:00	4:00	8:30	4:00			PW	PW
Notes:														

1927547

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		14.6 13.6	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/CM ²	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	3.89	2.76	3.23	3.98	3.96	3.98	3.99	2.90	1.92
Reservoir Level (2)	3.34		3.33		3.96	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	4.18	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	193993	1944076	1944297	1945775	1946762	1949234	1950144	1950287	1951448
Water Meter Previous (L)	1928904		1931131		1934384	1938614	193993	1944076	1944297	1945775	1946762	1949234	1950144	1951448
Consumption	1763		3053		4230	1320	2154	2207	194 2609	1087	2472	2470	3067	758
Flow to Town	2.442		2356		2762	2539	3950	2406	2294	2134	2243	2231	2181	2198
Time	0800		0800		0830	1630	0830	0430	0830	0430	0830	1630	0830	1630
Employee Initials	PW		PW		PW	PW	PW	PW	PW	PW	PW	PW	PW	PW
Notes:														

1952206
1951448

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	5.4	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/CM ²	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	1974273	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	8301	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:														

Water Treatment Plant Log

Nov 28-3 / 2023



3

Week Ending:	Iqaluit													
	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		3.96	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		3.89	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	1998442	2000480	2001977
Water Meter Previous (L)	1977560		1980241		1983623	1986497	1987924	1990280	1991465	1994427	1996771	1998442	2000480	2001977
Consumption	2281		3382		2874	1427	2356	1185	2962	1392	2344	1701	2008	7497
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		RT	RT	RT	RT	RT	RT	RT	RT	RT	RT
Notes:														

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	29.8	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/CM ²	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 %	58%		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	3.99
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)	2004891		2007971		2011078	2012251	2014404	2015625	2017739	2018994	2021352	2022360	2024686	2025808
Water Meter Previous (L)	200480		2004811		2007971	2011078	2012251	2014404	2015625	2017739	2018994	2021352	2022360	2468 2024686
Consumption	2040		3280		3107	1173	1221	2153	2114	1615	2358	1008	2326	1122
Flow to Town	4211		2887		2433	2384	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	BT		BT		BT	BT	BT	BT	BT	BT	BT	BT	BT	BT
Notes:														

Water Treatment Plant Log

Week ending Nov 17/23

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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/CM ²	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	3.95	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		3.95	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	2066683	2068717	2069764
Water Meter Previous (L)	2048166		2050582		2053319	2056338	2057216	2059586	2060338	2062577	2062597	2065636	2066683	2068717
Consumption	2416		2737		3019	878	2370	752	2259	955	3039	4086	2084	
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		BT	BT	BT	BT	BT	BT	BT	BT	BT	BT
Notes:														

Water Treatment Plant Log



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%	64%		63%	42%	41%	38%	24%	26%	94%	94%	11%	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/CM ²	48.2	48.2		48.1	49.9	48.3	49.7	45.8	45.5	48.1	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)	2008717	4.03		3.63	3.20	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) / H	3.89	2075800		2077618	2077618	2079109	2081109	2082879	2083574	2086158	2089187	2089782	2089927
Water Meter Previous (L) / H	3.94	2071816		2075800	2075800	2077618	2079109	2081715	2082879	2083574	2086158	2086158	2089782
Consumption		3982		1818	1491	2000	606	1162	697	2584	2029	3624	745
Flow to Town	2440	6036		2232	2256	2143	2010	2083	1932	2163	2032	2170	2244
Time	09:00	13:00		9AM	430PM	9PM	5PM	8:30	4:00	9:00	4:30	6:00	6:30
Employee Initials	BT	RT		PW	PW	PW	PW	BT	BT	BT	BT	BT	BT



Week Ending: Dec 8 2023

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Water Treatment Plant Log

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

Week Ending: Jan 23 2023 Week ending Dec 5 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	1.41	1.25	1.28	1.05	1.14	1.12	0.76	0.94	1.20	1.25	
Chlorine (FREE)			1.34	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	0.00	0.00	0.00	6.8	
Chlorine Flow Rate %			OFF	OFF	OFF	55%	59%	55%	41%	OFF	0.00	0.00	0.00	OFF	
Zinc Orthophosphate			/	/	/	/	/	/	/	/	/	/	/	/	
Potable Water Temp.			5.95	5.85	5.75	6.38	6.57	6.65	6.45		7.7	8.2	7.5	8.4	
Reservoir Level (1)			3.77	3.02	4.06	4.11	3.82	3.94	2.67	2.72	4.2	4.1	4.0	3.86	
Reservoir Level (2)			3.81	3.04	4.09	4.13	3.91	4.01	2.7	2.70	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	43.3	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	2121805	2123367	2124121	2125775	2127915	2128999	2128540	2131347	2132058	2133832	2134764
Water Meter Previous (L)			211052	2115257	2117568	2122803	2123367	2124121	2125775	2127915	2128999	2131347	2132058	2133832	2134764
Consumption			2235	2111	1664	554	754	1654	2000	761	3658	671	932	832	
Flow to Town			2115	2345	2180	2064	2447	2274	2433	2479	31901	2374	2220	2612	
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	MR	
Notes															

2124121
 2126163

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

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Water Treatment Plant Log

Week Ending: ~~Jan 13 2023~~

WEEK ENDING DEC 29

Dec 26

Dec 27

Dec 28

Dec 29

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Iqaluit

Jan 13 2023 → WEEK ENDING DEC 29												Dec 26		Dec 27		Dec 28		Dec 29		Iqaluit	
Time	AM	PM	Saturday Dec 27		Sunday Dec 28		Monday Dec 29		Tuesday		Wednesday		Thursday		Friday		Total				
PH																					
Temperature			7.20		7.34		7.47		7.24		7.32	7.13	7.36	7.19	7.35						
Chlorine (TOTAL)			12.3		12.6		12.9		12.0		12.7	9.6	11.6	11.2	12.3						
Chlorine (FREE)			1.34		1.46		1.42		1.46		1.49	1.34	1.47	1.21	1.24						
Turbidity			1.08		1.25		1.24		1.22		1.27	1.12	1.39	1.15	1.04						
Chlorine Cycle Weight			-52		0.39		1.42		1.31		0.50	0.56	0.60	0.82	0.62						
Chlorine Flow Rate %			50.2		5.0		5.0		5.0		78.0	77.6	85.4	74.2	70.6						
Zinc Orthophosphate			94%		78%		94%		94%		70%	95%	65%	100%	48%						
Potable Water Temp.			—		—		—		—		—	—	—	—	—						
Reservoir Level (1)			12.3		12.6		729		734		12.7	9.6	11.6	11.2	11.3						
Reservoir Level (2)			4.36		4.35		4.24		4.23		4.19	4.1	4.33	4.13	4.34						
Mega Litre Day			3.97		3.95		3.87		3.84		3.75	3.57	4.03	3.63	4.04						
MJ/CM²			5.0		5.0		5.0		5.0		5.0	5.0	5.0	5.0	5.0						
U.V. Power %			48.8		45.8		49.8		45.8		50.2	49.6	46.7	49.7	45.4						
Water Meter Current (L)			940		94.0		53%		48%		94.0	94.0	94.0	94.0	94.0						
Water Meter Previous (L)			2157952		2160726		2163414		216328		2165869	2169776	2171774	2172668	2174680						
Consumption					2157952		2160726		2163414		2165869	2169776	2171774	2172668	2174680						
Flow to Town			1.553		2.274		2.688		2.410		2.544	9.07	1.998	8.94	1.932						
Rota Meter			5		1.588		1.888		2.332		5.743	2.244	1.735	2.300	1.764						
Employee Initials			5		5		5		5		10	5	5	5	7						
Notes			MR		MR		PKS		PW		MR	MR	MR	MR	MR						