Municipality of Meaford

Meaford
Water Treatment Plant

Summary Report

2024

Meaford Drinking Water System 2024 Summary report

Safe Drinking Water Act

Following the Walkerton tragedy in 2000, the Ontario Government developed a new, comprehensive legislative paradigm based on a source to tap, multi-barrier approach to the protection of drinking water. The Safe Drinking Water Act (SDWA), 2002, and its Regulations, contain requirements for Municipalities that provide potable water to their residents.

Under Section 19 Standard of Care of the SDWA, owners of a Drinking Water System are required to:

a) Exercise the level of care, diligence and skill in respect of a Municipal Drinking Water System that a reasonable prudent person would be expected to exercise in a similar situation; and
b) Act honestly, competently and with integrity, with a view to ensuring the protection and safety of the users of the Municipal Drinking Water System. 2002, c.32, s. 19(1)

Summary Report

Schedule 22 of Ontario Regulation 170/03 requires, for Large Municipal Residential Systems, that a Summary Report be prepared for distribution to Council by March 31, 2025 for the period from January 1 to December 31, 2024.

This regulation also requires the owner produce a Summary Report that includes the following:

- The requirements of the Act, the regulations, the system's approval, drinking water works permit, municipal drinking water license, and any orders applicable to the system that were not met at any time during the period covered by the

report and specify the duration of the failure and describe the measures taken to correct the situation.
- A summary of quantities and flow rates of the water supplied during the period covered by the report including monthly average and maximum daily flows
- The summary report must be presented and accepted by Council by March 31st of each year.

A hard copy of the Annual and Summary reports will be made available free of charge at the Meaford Water Plant after March 31st 2025. It will also be available for viewing on the Municipal website www.meaford.ca.

System Information – Meaford Drinking Water System

Municipal Drinking Water Licence – 089-101
Municipal Drinking Water Permit – 089-201
Permit to Take Water – 7605-74TJ9N
Financial Plan – 089-301A
Accredited Operational Plan – 089-401

Month	Max Day	Max M3	Min Day	Min M3	AVG Day M3	Monthly Total M3
JAN	28-Jan	1462	20-Jan	1141	1263	39159
FEB	04-Feb	1514	28-Feb	1177	1344	38974
MAR	24-Mar	1437	20-Mar	1212	1301	40318
APR	17-Apr	1492	08-Apr	1192	1338	40132
MAY	21-May	2012	01-May	1216	1432	44406
JUNE	19-Jun	1869	07-Jun	1311	1515	45438
JULY	29-Jul	1867	10-Jul	1430	1652	51222
AUG	15-Aug	2179	28-Aug	1486	1652	51199
SEPT	15-Sep	1777	10-Sep	1440	1616	48479
OCT	06-Oct	1869	30-Oct	1345	1546	47931
NOV	24-Nov	1548	05-Nov	1289	1392	41765
DEC	15-Dec	1666	25-Dec	1230	1444	44773
Annual Average		**1724**		**1289**	**1458**	
Total						**533796**
Plant Capacity daily flow allowed					**26848**	
Average Daily Capacity percentage					**5%**	

Meaford Water Treatment Plant
Waterloss

Plant	**533,796**	**m3**
Metered	**347,041**	**m3**
Difference	**186,755**	**m3**
Bulkwater	14189	m3
Backwash	11883	m3
Flushing/ Const./Leaks	80576	m3
Swimming Pool	659	m3
Analyzers Cl2	525.6	m3
Turbidimeters	372	m3
Total	**108204**	**m3**
Difference- Total	78551	m3
Water Loss	78551	m3
	533796	m3
Percent Waterloss	**14.7%**	

Ontario

Location: WTRS / WT DATA / Input WT Record

WTRS-WT-008

Water Taking Data submitted successfully.

Confirmation:

Thank you for submitting your water taking data online.

Permit Number: 5585-ALCPQM
Permit Holder: THE CORPORATION OF THE MUNICIPALITY OF MEAFORD.
Received on:Feb 24, 2025 12:08 PM

This confirmation indicates that your data has been received by the Ministry,but should not be construed as acceptance of this data if it differs from that specified on the Permit Number, assigned to the Permit Holder stated above.

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MUNICIPALITY OF MEAFORD
WATER DEPARTMENT STATISTICS FOR YEAR ENDING DECEMBER 31, 2024

ROUTE	DESCRIPTION	WATER	SEWAGE
20	COMMERCIAL - MONTHLY	811	265
1	RESIDENTIAL - MONTHLY	1227	1105
2	RESIDENTIAL - MONTHLY	1005	743
11	RESIDENTIAL - MONTHLY (VICTORIA VILLAGE)	64	64
	LEITH RESIDENTIAL - FLAT RATE MONTHLY	15	
10	LEITH RESIDENTIAL - MONTHLY	142	
	TOTAL CUSTOMERS	3264	2177

WATER		SEWAGE	
URBAN RESIDENTIAL	2296	RESIDENTIAL	1912
COMMERCIAL SERVICE	811	COMM SERVICE	265
LEITH RESIDENTIAL	142		
TOTAL WATER	**3249**	TOTAL SEWAGE	**2177**

TOTAL WATER PUMPED AT WTP FOR YEAR	533796
TOTAL METERED WATER CONSUMPTION FOR YEAR	347041
FLUSHING	20487
WATER MAIN BREAKS/LEAKS/CONSTRUCTION	60089
TOTAL BULK WATER SALES	14189
OTHER (SP/NON MTR/BCKWSH/TURBIDI/CHL	13437
UNACCOUNTED WATER FOR YEAR	78551
RESIDENTIAL URBAN MONTHLY AVERAGE	8.55132
TOTAL RESIDENTIAL CONSUMPTION	235606
TOTAL RESIDENTIAL CUSTOMERS	2296
COMMERCIAL SERVICE MONTHLY AVERAGE	11.442
TOTAL COMMERCIAL SERVICE CONSUMPTION	111354
TOTAL COMMERCIAL SERVICE CUSTOMERS	811
OVERALL CONSUMPTION AVERAGE	9.30804
OVERALL CONSUMPTION	347041
TOTAL CUSTOMERS (less Leith)	3107
TOTAL LEITH CONSUMPTION	13,931

Annual Summary-Treated Water Bacteriological Data (From Water Treatment Plant)

WATER WORKS NAME: Municipality of Meaford

YEAR 2024

SERVICE POPULATION 7008

LABORATORIES WHICH PERFORMED ANALYSES SGS Laboratory

MONTH	TOTAL COLIFORM			ESCHERICHIA COLI. (E. Coli)			H.P.C.		
	# of samples collected	# of samples safe	# of samples unsafe	# of samples collected	# of samples safe	# of samples unsafe	# of samples collected	# of samples safe	# of samples unsafe
JAN.	5	5	0	5	5	0	5	5	0
FEB.	4	4	0	4	4	0	4	4	0
MAR.	4	4	0	4	4	0	4	4	0
APR.	5	5	0	5	5	0	5	5	0
MAY	4	4	0	4	4	0	4	4	0
JUN.	4	4	0	4	4	0	4	4	0
JUL.	5	5	0	5	5	0	5	5	0
AUG.	4	4	0	4	4	0	4	4	0
SEPT.	4	4	0	4	4	0	4	4	0
OCT.	5	5	0	5	5	0	5	5	0
NOV.	4	4	0	4	4	0	4	4	0
DEC.	5	5	0	5	5	0	5	5	0
TOTAL	53	53	0	53	53	0	53	53	0

Indicators of adverse water quality — If any of the following conditions exist,the drinking water is judged unsafe:

1. Eschericia coli and/or fecal coliforms are detected in any required sample other than raw water sample.
2. Total coliforms are detected in any required sample other than raw water sample.
3. Unchlorinated water is directed to the distribution system,where chlorination is used or required.
   This includes water in the distribution system,which has less than 0.05 mg/l of free chlorine residual when tested.

If the water containing indicators of unsafe water quality for any of the reasons listed above, the laboratory will immediately notify the M.O.E. District Officer, M.O.E. Spills Action Centre, the local Medical Officer of Health and the owner / operator to initiate collection of special samples and or corrective action. In addition the owner / operator must notify the M.O.E. Spills Action Centre and the local Medical Officer of Health when they become aware of an adverse water quality condition.

Annual Summary -Raw Water Bacteriological Data

WATER WORKS NAME:	Municipality of Meaford
YEAR	2024
SERVICE POPULATION	7008
LABORATORIES WHICH PERFORMED ANALYSES	SGS Laboratory

MONTH	TOTAL COLIFORM					ESCHERICHIA COLI (E. Coli)			
	#of samples collected	# of samples 0-100 ORG./100ml	# of samples 101-5000 ORG./100ml	# of samples >5000 ORG./100ml		# of samples collected	# of samples 0-10 ORG./100ml	# of samples 11-500 ORG./100ml	# of samples >500 ORG./100ml
JAN.	5	5	0	0		5	5	0	0
FEB.	4	4	0	0		4	4	0	0
MAR.	4	4	0	0		4	4	0	0
APR.	5	5	0	0		5	5	0	0
MAY	4	4	0	0		4	4	0	0
JUN.	4	4	0	0		4	4	0	0
JUL.	5	5	0	0		5	5	0	0
AUG.	4	4	0	0		4	3	1	0
SEPT.	4	4	0	0		4	4	0	0
OCT.	5	5	0	0		5	5	0	0
NOV.	4	4	0	0		4	4	0	0
DEC.	5	4	1	0		5	5	0	0
TOTAL	53	52	1	0		53	52	1	0

In systems treating surface water or ground water, samples should be taken from the raw water source and from the point at which treated water enters the distribution system.In these systems sampling is done weekly in systems serving populations up to 100,000 and more often in larger systems. In addition, the operator must ensure that the disinfection process is functioning properly at all times.

Annual Summary-Distribution Bacteriological Data

WATER WORKS NAME:	Municipality of Meaford
YEAR	2024
SERVICE POPULATION	7008
LABORATORIES WHICH PERFORMED ANALYSES	SGS Laboratory

MONTH	TOTAL COLIFORM			ESCHERICHIA COLI. (E. Coli)			H.P.C.		
	# of samples collected	# of samples safe	# of samples unsafe	# of samples collected	# of samples safe	# of samples unsafe	# of samples collected	# of samples safe	# of samples unsafe
JAN.	16	16	0	16	16	0	5	5	0
FEB.	13	13	0	13	13	0	4	4	0
MAR.	13	13	0	13	13	0	4	4	0
APR.	16	16	0	16	16	0	5	5	0
MAY	13	13	0	13	13	0	4	4	0
JUN.	13	13	0	13	13	0	4	4	0
JUL.	16	16	0	16	16	0	5	5	0
AUG.	13	13	0	13	13	0	4	4	0
SEPT.	13	13	0	13	13	0	4	4	0
OCT.	16	16	0	16	16	0	5	5	0
NOV.	13	13	0	13	13	0	4	4	0
DEC.	16	16	0	16	16	0	5	5	0
TOTAL	171	171	0	171	171	0	53	53	0

Indicators of adverse water quality — If any of the following conditions exist,the drinking water is judged unsafe:

1. Eschericia coli and/or fecal coliforms are detected in any required sample other than raw water sample.
2. Total coliforms are detected in any required sample other than raw water sample.
3. Unchlorinated water is directed to the distribution system,where chlorination is used or required.
   This includes water in the distribution system,which has less than 0.05 mg/l of free chlorine residual when tested.

HPC %= 31%

M.O.E. Spills Action Centre, the local Medical Officer of Health and the owner / operator to initiate collection of special samples and or corrective action. In addition the owner / operator must notify the M.O.E. Spills Action Centre and the local Medical Officer of Health when they become aware of an adverse water quality condition.

Annual Summary- Nitrite, Nitrate , THM's

WATER WORKS NAME:	Municipality of Meaford
YEAR	2024
SERVICE POPULATION	7008
LABORATORIES WHICH PERFORMED ANALYSES	SGS Laboratory

	TREATED WATER Nitrates				DISTRIBUTION WATER			
	NO. OF SAMPLES COLLECTED	NITRITE (mg/l)	NITRATE (mg/L)	RAA	NO. OF SAMPLES COLLECTED	THM's (ug/L)	HAA's (ug/L)
JAN.							
FEB.	1	<0.003	0.253	**(Feb 2024) A**	1	19	5.3
MAR.							
APR.							
MAY	1	<0.003	0.245	**(May 2024) B**	1	30	18.8
JUN.							
JUL.							
AUG.	1	<0.003	0.224	**(Aug 2024) C**	1	54	22.6
SEPT.							
OCT.							
NOV.	1	<0.003	0.233	**(Nov 2024) D**	1	24	14.2
DEC.							
AVG.		< 0.003	0.239			31.75	15.23
					mg/L	0.0318	0.015225
MAC		1	10		MAC	100	80

Where nitrite and nitrate are present, the total of the two shall not exceed 10mg/L.
MAC = Maximum Acceptable Concentration

Annual Summary- Total Suspended Solids (TSS)

WATER WORKS NAME:	Municipality of Meaford
YEAR	2024
SERVICE POPULATION	7008
LABORATORIES WHICH PERFORMED ANALYSES	SGS Laboratory

MONTH	Backwash Waste Water (TSS)	
	NO. OF SAMPLES COLLECTED	TSS (mg/l)
JAN.	1	10
FEB.	1	15
MAR.	1	29
APR.	1	20
MAY	1	30
JUN.	1	3
JUL.	1	42
AUG.	1	16
SEPT.	1	25
OCT.	1	24
NOV.	1	16
DEC.	1	27
AVG.		21
MAC		25

MAC = Maximum Acceptable Concentration

Annual Summary- Sodium and Flouride

WATER WORKS NAME:	Municipality of Meaford
YEAR	2024
SERVICE POPULATION	7008
LABORATORIES WHICH PERFORMED ANALYSES	SGS Laboratory

	Month	No. of Samples	Sample Results
Sodium	Sep-22	1	4.4
Flouride	Sep-22	1	0.06

Month	Lead	pH	Alkalinity
18-Mar-24	0.07	7.41	74
	0.11	7.43	75
	0.26	7.31	71
24-Sep-24	3.8	7.62	76
	3.4	7.68	67
	0.09	7.95	72

Annual Summary- Treated Water and Wastewater Flows, Turbidity and Disinfectant Residuals

WATER WORKS NAME:	Municipality of Meaford
YEAR	2024
SERVICE POPULATION	7008
LABORATORIES WHICH PERFORMED ANALYSES	OPERATORS/CONTINUOUS MONITOR

MONTH	TREATED WATER FLOW			BACKWASH WATER	TREATED WATER TURBIDITY			TREATED DISINFECTANT		DIST. SYSTEM DISINFECTANT	
	AVERAGE DAY (m3)	MAX. DAY (m3)	MONTHLY TOTAL (m3)	MONTHLY TOTAL (m3)	NO. OF SAMPLES COLLECTED	NO. OF SAMPLES (> 1 NTU)	AVERAGE TURBIDITY (NTU)	NO. OF SAMPLES COLLECTED	AVERAGE RESIDUAL (mg/l)	NO. OF SAMPLES COLLECTED	NO. WITH DETECTABLE RESIDUAL
JAN.	1263	1462	39159	970	8760	0	0.10	8760	1.52	8760	8760
FEB.	1344	1514	38974	730	8760	0	0.12	8760	1.47	8760	8760
MAR.	1301	1437	40318	444	8760	0	0.12	8760	1.45	8760	8760
APR.	1338	1492	40132	1264	8760	0	0.13	8760	1.49	8760	8760
MAY	1432	2012	44406	699	8760	0	0.10	8760	1.47	8760	8760
JUN.	1515	1869	45438	995	8760	0	0.09	8760	1.54	8760	8760
JUL.	1652	1867	51222	1095	8760	0	0.08	8760	1.62	8760	8760
AUG.	1652	2179	51199	991	8760	0	0.10	8760	1.61	8760	8760
SEPT.	1616	1777	48479	1498	8760	0	0.15	8760	1.58	8760	8760
OCT.	1546	1869	47931	1397	8760	0	0.17	8760	1.62	8760	8760
NOV.	1392	1548	41765	700	8760	0	0.13	8760	1.59	8760	8760
DEC.	1444	1666	44773	1100	8760	0	0.11	8760	1.57	8760	8760
TOTAL			533,796	11,883							
AVG.	1,458	1,724		990			0.12		1.54		
MAX.	1652	2179	51222	1498			0.17		1.62		

DISINFECTANT COMPOUND USED		CHLORINE GAS
QUANTITY OF DISINFECTANT USED DURING YEAR	(kg)	1564.9
DISTRIBUTION SYSTEM TARGET RESIDUAL	(mg/l)	> .20 mg/l

January-24	Clearwell Filtered Cl2 Min	Clearwell Filtered Cl2 Max	Discharge Cl2 Min	Discharge Cl2 Max	Raw Water Avg	Raw Water Max	Filter Turb. Avg.	Filter Turb. Max	Filter Duty Performance Max %	Discharge Turb. Avg	Discharge Turb. Max	Raw Flow	Treated Flow	UV Dose	Initials	
1	1.45	1.76	1.43	1.59	0.39	0.66	0.05	0.10	100.0%	0.08	0.09	1735	1285	46.51	JR	
2	1.46	1.77	1.30	1.63	0.28	0.41	0.05	0.31	99.9%	0.10	2.30	1094	1249	46.5	BW	
3	1.46	1.74	1.45	1.59	0.28	0.39	0.04	0.09	99.9%	0.14	0.20	1218	1223	46.5	BW	
4	0.91	1.75	1.45	1.59	1.30	4.33	0.05	0.08	99.9%	0.10	0.19	1978	1256	46.5	BW	
5	1.44	1.77	1.39	1.60	0.46	0.69	0.04	0.08	100.0%	0.07	0.16	1266	1197	46.86	BW	
6	1.45	1.77	1.46	1.62	0.53	1.08	0.04	0.08	100.0%	0.08	0.10	1587	1232	46.5	BW	
7	1.46	1.76	1.44	1.61	0.85	1.09	0.05	0.11	100.0%	0.08	0.09	1241	1288	46.86	BW	
8	1.47	1.82	1.44	1.70	0.59	0.91	0.05	0.09	100.0%	0.08	0.10	1648	1184	46.5	NE	
9	1.44	1.74	1.32	1.81	0.87	2.79	0.09	0.02	100.0%	0.09	4.00	1266	1199	51.03	NE	Filter #1
							0.05	0.08	100.0%					47.24	NE	Filter #2
10	1.44	1.77	1.37	1.55	1.47	2.38	0.08	0.21	100.0%	0.10	0.12	1284	1152	50.65	NE	
11	1.02	1.77	1.36	1.67	0.69	1.08	0.05	0.08	100.0%	0.11	4.00	1804	1236	51.03	NE	
12	1.45	1.76	1.42	1.57	1.28	7.10	0.07	0.18	100.0%	0.10	0.12	1244	1171	48.39	NE	
13	1.42	1.78	1.41	1.57	2.17	4.16	0.06	0.19	100.0%	0.10	0.11	1246	1308	51.03	NE	
14	1.42	1.74	1.41	1.55	0.66	0.93	0.03	0.06	100.0%	0.10	0.11	1281	1254	51.38	NE	
15	1.45	1.76	1.39	1.55	0.44	0.76	0.03	0.06	100.0%	0.09	0.12	1504	1232	52.51	JR	
16	1.41	1.77	1.33	1.53	0.36	0.44	0.03	0.05	100.0%	0.08	0.10	1309	1193	51.38	JR	
17	1.43	1.76	1.36	1.54	0.27	0.38	0.03	0.06	100.0%	0.08	0.10	1304	1165	52.9	JR	
18	1.46	1.77	1.36	1.72	0.30	8.78	0.03	0.06	100.0%	0.08	0.22	1150	1154	53.66	JR	
19	1.45	1.74	1.59	1.76	0.49	0.87	0.03	0.06	100.0%	0.08	0.10	1704	1236	54.03	JR	
20	1.47	1.73	1.53	1.76	0.75	1.20	0.05	0.24	100.0%	0.09	0.11	1095	1141	46.85	JR	
21	1.50	1.76	1.59	1.79	0.44	0.72	0.04	0.09	100.0%	0.09	0.14	1625	1315	46.84	JR	
22	1.47	1.77	1.52	1.83	0.32	0.49	0.04	0.06	100.0%	0.09	0.28	1089	1209	46.48	BW	
23	1.43	1.77	1.40	1.72	0.33	0.47	0.04	0.05	100.0%	0.11	1.87	1659	1290	46.48	BW	
24	1.48	1.76	1.41	1.61	0.44	0.58	0.04	0.10	100.0%	0.11	0.14	1341	1350	45.4	BW	
25	0.27	1.80	1.16	1.86	0.40	35.27	0.04	0.09	100.0%	0.10	4.00	1932	1347	45.77	BW	
26	1.35	1.84	1.14	1.50	0.58	1.53	0.05	0.20	100.0%	0.11	0.16	1721	1363	43.92	BW	
27	1.44	1.77	1.34	1.52	0.49	0.77	0.04	0.08	100.0%	0.09	0.10	1840	1349	46.86	BW	
28	1.47	1.75	1.34	1.51	0.47	1.06	0.05	0.19	100.0%	0.10	0.11	1363	1462	45.05	BW	
29	1.47	1.75	1.36	1.54	0.35	0.51	0.04	0.08	100.0%	0.09	0.12	1682	1414	46.5	NE	
30	1.44	1.76	1.34	1.66	0.39	0.58	0.05	0.13	100.0%	0.13	4.00	1487	1341	50.64	NE	Filter #1
							0.05	0.13	100.0%					46.87	NE	Filter #2
31	0.88	1.76	1.32	2.13	0.36	0.47	0.04	0.07	100.0%	0.19	4.00	1633	1364	49.9	NE	
Overall Avg.	**1.56**		**1.52**								**Total**	45330	39159			
Average	**1.36**	**1.77**	**1.39**	**1.65**	**0.61**	**2.67**	**0.04**	**0.11**		**0.10**	**0.88**	**1462**	**1263**			
Max		**1.84**		**2.13**		**35.27**	**Max**	**0.31**			**4.00**	**1978**	1462			
Min			**1.14**		**0.27**			**0.02**		**0.07**	**Min**	**1089**	1141			

Monthly Filter Performance both filters 95% target: 100%

February-24	Clearwell Filtered Cl2 Min	Clearwell Filtered Cl2 Max	Discharge Cl2 Min	Discharge Cl2 Max	Raw Water Avg	Raw Water Max	Filter Turb. Avg.	Filter Turb. Max	Filter Duty Performance Max %	Discharge Turb. Avg	Discharge Turb. Max	Raw Flow	Treated Flow	UV Dose	Initials	
1	1.45	1.76	1.27	1.64	0.32	0.46	0.03	0.06	100.0%	0.13	0.19	1665	1368	50.28	BW	
2	1.46	1.76	1.45	1.60	0.39	1.05	0.03	0.06	100.0%	0.11	0.16	1292	1423	50.28	NE	
3	1.45	1.75	1.45	1.66	0.39	0.54	0.03	0.05	100.0%	0.10	0.16	1836	1466	50.28	NE	
4	1.45	1.76	1.44	1.70	0.36	0.72	0.03	0.05	100.0%	0.12	0.19	1680	1514	50.28	NE	
5	1.44	1.78	1.48	1.71	0.31	0.43	0.03	0.06	100.0%	0.14	0.19	1327	1323	51.39	NE	
6	1.42	1.76	1.40	1.72	0.30	0.39	0.03	0.07	100.0%	0.17	2.86	1526	1290	51.41	NE	
7	1.44	1.75	1.32	1.56	0.29	0.40	0.03	0.07	100.0%	0.20	0.31	1576	1384	51.39	NE	
8	1.43	1.78	1.19	1.74	0.32	0.49	0.03	0.20	100.0%	0.16	4.00	1570	1291	51.45	NE	Filter #1
							0.05	0.19	100.0%					46.51		Filter #2
9	1.44	1.78	1.25	1.43	0.31	0.40	0.03	0.07	100.0%	0.15	0.23	1462	1322	52.15	BW	
10	1.41	1.76	1.24	1.43	0.35	0.59	0.03	0.07	100.0%	0.09	0.21	1501	1288	52.89	NE	Filter #1
							0.06	0.24	100.0%					45.41		Filter #2
11	1.47	1.74	1.23	1.38	0.44	0.60	0.05	0.12	100.0%	0.09	0.13	1588	1325	46.50	NE	
12	1.43	1.79	1.21	1.50	0.34	0.46	0.04	0.10	100.0%	0.09	0.14	1218	1327	46.87	BW	
13	1.43	1.78	1.32	1.56	0.60	1.54	0.04	0.09	100.0%	0.09	0.14	1594	1386	46.17	BW	
14	0.92	1.75	1.33	1.52	0.73	1.22	0.04	0.09	100.0%	0.08	0.11	2266	1342	46.15	BW	
15	1.47	1.74	1.25	1.76	0.52	0.64	0.04	0.07	100.0%	0.12	1.58	1385	1352	47.36	BW	
16	1.49	1.73	1.37	1.90	0.62	0.86	0.04	0.09	100.0%	0.12	1.51	1707	1369	46.15	BW	
17	1.48	1.74	1.37	1.54	0.67	0.94	0.04	0.09	100.0%	0.13	0.19	1310	1386	47.24	NE	
18	1.47	1.75	1.37	1.55	0.48	0.80	0.04	0.20	100.0%	0.16	0.26	1682	1285	46.86	NE	
19	1.50	1.74	1.37	1.55	0.50	0.82	0.04	0.07	100.0%	0.12	0.19	1678	1470	47.23	NE	
20	1.44	1.77	1.39	1.55	0.42	1.44	0.04	0.19	100.0%	0.11	0.15	1468	1253	49.17	NE	Filter #1
							0.04	0.08	100.0%					47.98		Filter #2
21	1.47	1.76	1.36	1.54	0.40	0.50	0.03	0.04	100.0%	0.17	0.24	1402	1389	52.91	NE	
22	1.43	1.76	1.25	1.99	0.41	0.54	0.03	0.06	100.0%	0.15	3.16	1849	1456	49.91	NE	
23	0.89	1.75	1.34	1.51	0.49	1.11	0.03	0.04	100.0%	0.08	0.11	1627	1347	50.30	NE	
24	1.45	1.72	1.31	1.50	1.21	2.03	0.04	0.06	100.0%	0.08	0.09	1309	1297	50.64	NE	
25	1.45	1.77	1.35	1.55	0.59	1.28	0.03	0.05	100.0%	0.09	0.11	1833	1216	50.29	NE	
26	1.42	1.74	1.27	1.55	0.36	0.48	0.03	0.05	100.0%	0.09	0.11	1320	1324	51.04	BW	
27	1.43	1.74	1.27	1.75	0.37	0.52	0.03	0.05	100.0%	0.14	4.00	1448	1292	51.04	TW	
28	1.43	1.77	1.32	1.50	0.52	1.95	0.03	0.06	100.0%	0.19	0.25	1521	1177	52.51	TW	
29	1.00	1.75	1.23	1.69	0.99	1.66	0.05	0.34	100.0%	0.15	0.95	1839	1312	53.81	TW	
Overall Avg.	**1.58**		**1.47**								**Total**	45479	38974			
Average	**1.40**	**1.76**	**1.32**	**1.61**	**0.48**	**0.86**	**0.04**	**0.10**		**0.12**	**0.76**	**1568**	**1344**			
Max		**1.79**		**1.99**		**2.03**	**Max**	**0.34**			**4.00**	**2266**	1514			
Min			**1.19**		**0.29**			**0.04**		**0.08**	**Min**	**1218**	1177			

Monthly Filter Performance both filters 95% target: 100%

March-24	Clearwell Filtered Cl2 Min	Clearwell Filtered Cl2 Max	Discharge Cl2 Min	Discharge Cl2 Max	Raw Water Avg	Raw Water Max	Filter Turb. Avg.	Filter Turb. Max	Filter Duty Performance Max %	Discharge Turb. Avg	Discharge Turb. Max	Raw Flow	Treated Flow	UV Dose	Initials
1	1.48	1.74	1.36	1.52	0.73	3.17	0.04	0.07	100.0%	0.09	0.10	1314	1234	47.63	TW
2	1.48	1.74	1.37	1.59	0.55	0.68	0.04	0.07	100.0%	0.09	0.11	1556	1312	46.15	NE
3	1.42	1.78	1.34	1.57	0.50	0.67	0.04	0.08	100.0%	0.09	0.12	1318	1382	46.17	NE
4	1.45	1.77	1.18	1.52	0.47	0.60	0.04	0.08	100.0%	0.10	0.14	1602	1303	46.5	TW
5	1.46	1.75	1.30	1.48	0.43	0.62	0.04	0.08	100.0%	0.10	0.12	1235	1290	46.5	TW
6	1.47	1.78	1.18	1.86	0.54	0.74	0.05	0.09	100.0%	0.09	3.23	1446	1264	46.17	TW
7	1.49	1.75	1.29	1.48	0.50	0.63	0.04	0.08	100.0%	0.08	0.09	1037	1213	46.18	TW
8	1.45	1.77	1.35	1.58	0.54	1.12	0.05	0.09	100.0%	0.08	0.09	1866	1272	47.63	TW
9	1.46	1.75	1.39	1.66	0.81	1.11	0.08	0.29	100.0%	0.09	0.10	1293	1254	46.18	NE
10	1.45	1.76	1.42	1.65	0.68	1.14	0.05	0.17	100.0%	0.10	0.10	1280	1233	45.8	NE
11	1.46	1.74	1.29	1.68	1.21	1.84	0.05	0.09	100.0%	0.09	0.11	1594	1303	46.51	TW
12	0.87	1.79	1.40	1.76	0.81	1.10	0.05	0.20	100.0%	0.15	3.98	1736	1264	49.91	TW
13	1.46	1.75	1.42	1.63	0.64	0.79	0.04	0.09	100.0%	0.21	0.29	1247	1294	50.65	TW
14	1.46	1.74	1.38	1.64	0.49	0.68	0.03	0.06	100.0%	0.16	0.87	1292	1297	48.4	TW
15	1.46	1.74	1.39	1.59	1.75	4.07	0.07	0.29	100.0%	0.09	0.11	1650	1222	49.91	NE
16	1.45	1.74	1.39	1.57	0.71	1.07	0.04	0.09	100.0%	0.10	0.14	1251	1320	52.53	NE
17	1.45	1.74	1.29	1.56	0.50	0.65	0.03	0.08	100.0%	0.11	0.19	1340	1371	51.77	NE
18	1.45	1.76	1.28	1.56	0.63	1.24	0.03	0.06	100.0%	0.09	0.11	1273	1305	51.02	TW
19	1.42	1.76	1.24	1.96	0.61	1.12	0.03	0.06	100.0%	0.12	4.00	1684	1259	51.77	TW
20	1.44	1.76	1.34	1.55	0.43	1.66	0.04	0.10	100.0%	0.11	0.18	1472	1212	49.7	TW
21	1.43	1.88	1.38	1.81	1.08	1.54	0.04	0.05	100.0%	0.14	3.25	1556	1317	50.28	TW
22	1.43	1.75	1.37	1.61	0.65	0.88	0.03	0.06	100.0%	0.16	0.26	1266	1314	51.03	TW
23	1.42	1.77	1.32	1.51	0.59	0.86	0.04	0.06	100.0%	0.22	0.32	1545	1356	51.77	TW
24	1.49	1.72	1.30	1.44	0.53	0.68	0.05	0.53	100.0%	0.14	0.23	1208	1437	46.9	TW
25	0.73	1.77	1.27	1.70	1.02	1.78	0.07	0.18	100.0%	0.12	0.72	2182	1385	43.54	TW
26	1.42	1.80	1.26	1.44	0.76	5.10	0.06	0.10	100.0%	0.16	0.31	1308	1308	45.77	TW
27	1.44	1.79	1.22	1.38	0.62	0.76	0.05	0.10	100.0%	0.16	0.21	1564	1271	45.78	TW
28	1.44	1.79	1.09	1.97	0.45	0.57	0.04	0.10	100.0%	0.13	4.00	1320	1304	46.5	TW
29	1.41	1.77	1.20	1.39	0.41	0.51	0.04	0.09	100.0%	0.10	0.29	1769	1291	46.5	TW
30	1.46	1.77	1.22	1.43	0.41	0.50	0.04	0.29	100.0%	0.09	0.27	1340	1377	46.86	TW
31	1.48	1.77	1.27	1.42	0.42	0.50	0.04	0.11	100.0%	0.09	0.21	1233	1354	46.5	TW
Overall Avg.	**1.59**		**1.45**								**Total**	44777	40318		
Average	**1.41**	**1.76**	**1.31**	**1.60**	**0.66**	**1.24**	**0.04**	**0.13**		**0.12**	**0.78**	**1444**	**1301**		
Max		**1.88**		**1.97**		**5.10**	**Max**	**0.53**			**4.00**	**2182**	1437		
Min			**1.09**		**0.41**			**0.05**		**0.08**	**Min**	**1037**	1212		

Monthly Filter Performance both filters 95% target: 100%

April-24	Clearwell Filtered Cl2 Min	Clearwell Filtered Cl2 Max	Discharge Cl2 Min	Discharge Cl2 Max	Raw Water Avg	Raw Water Max	Filter Turb. Avg.	Filter Turb. Max	Filter Duty Performance Max %	Discharge Turb. Avg	Discharge Turb. Max	Raw Flow	Treated Flow	UV Dose	Initials	
1	1.45	1.75	1.23	1.82	0.42	0.54	0.04	0.08	100.0%	0.10	3.48	1809	1380	46.17	TW	
2	1.44	1.73	1.21	1.46	0.51	1.92	0.04	0.08	100.0%	0.12	0.35	1093	1237	46.87	BW	
3	1.42	1.78	1.25	1.40	1.16	1.66	0.06	0.14	100.0%	0.11	0.19	1572	1295	46.51	BW	
4	1.46	1.75	1.22	1.41	1.44	1.82	0.23	0.48	92.9%	0.12	0.19	2199	1249	46.92	BW	Filter #1
							0.18	0.56	96.2%					42.83		Filter #2
5	1.44	1.83	1.14	2.12	1.16	1.77	0.08	0.26	96.9%	0.21	2.15	1935	1312	45.42	BW	
6	1.42	1.79	1.41	1.80	0.89	1.09	0.04	0.11	97.4%	0.19	0.24	1314	1264	48.75	BW	
7	1.41	1.80	1.60	1.81	0.78	0.97	0.04	0.11	97.8%	0.17	0.22	1812	1317	42.46	BW	
8	1.47	1.79	1.52	2.04	0.53	0.66	0.04	0.14	98.1%	0.17	0.23	1237	1192	46.92	NE	
9	1.46	1.76	1.54	2.07	0.47	0.57	0.04	0.06	98.3%	0.14	2.77	1285	1293	46.51	NE	
10	1.44	1.78	1.64	1.83	0.47	0.57	0.04	0.13	98.5%	0.07	0.09	1732	1431	46.52	NE	
11	1.29	1.64	1.23	1.79	0.44	0.54	0.05	0.25	98.0%	0.09	3.29	1265	1323	57.50	BW	
12	1.29	1.71	1.22	1.40	0.43	0.46	0.09	0.41	98.4%	0.08	0.12	1493	1308	46.88	TW	
13	1.35	1.67	1.19	1.40	0.43	0.43	0.04	0.09	98.5%	0.11	0.12	1335	1296	48.38	NE	
14	1.36	1.71	1.27	1.41	0.43	0.43	0.06	0.13	98.5%	0.10	0.12	1296	1366	45.81	NE	
15	1.29	1.69	1.22	2.00	0.88	1.61	0.07	0.18	98.5%	0.12	0.55	1329	1356	48.77	TW	
16	1.42	1.56	1.42	1.56	1.16	99.92	0.05	0.11	98.5%	0.10	0.11	1889	1353	48.77	TW	
17	1.35	1.69	1.43	1.56	2.95	8.91	0.07	0.18	98.6%	0.10	0.11	1834	1492	48.06	TW	
18	1.27	1.65	1.29	1.52	4.60	11.52	0.37	0.90	97.3%	0.12	0.17	2775	1296	42.42	TW	
19	1.24	1.71	1.26	1.39	2.11	99.92	0.21	0.69	96.4%	0.22	0.27	2470	1259	45.78	TW	
20	1.37	1.70	1.23	1.75	0.89	1.24	0.10	0.28	96.6%	0.25	1.79	1481	1287	48.78	TW	
21	1.37	1.64	1.24	1.76	0.62	1.17	0.06	0.14	96.8%	0.20	3.32	1071	1360	48.78	TW	
22	1.32	1.64	1.25	1.66	0.46	0.92	0.04	0.07	96.9%	0.14	1.02	1587	1399	50.30	TW	
23	1.30	1.64	1.18	1.89	0.24	0.54	0.03	0.07	97.1%	0.12	4.00	1611	1419	49.55	TW	
24	1.34	1.66	1.32	1.44	2.50	9.44	0.05	0.14	97.2%	0.09	0.10	1771	1403	49.53	TW	
25	1.36	1.64	1.31	2.06	1.15	21.23	0.05	0.08	97.3%	0.09	3.08	1045	1414	50.29	TW	
26	1.34	1.68	1.43	1.53	0.89	2.00	0.05	0.10	97.4%	0.09	0.11	1879	1357	48.43	TW	
27	1.33	1.67	1.41	1.52	0.89	1.96	0.07	0.21	97.5%	0.10	0.11	1219	1402	51.41	TW	
28	1.30	1.69	1.39	1.58	0.30	1.55	0.04	0.06	98.5%	0.10	0.13	1833	1439	49.88	TW	
29	1.29	1.68	1.21	1.57	0.55	1.55	0.05	0.09	98.5%	0.09	0.12	1511	1294	48.79	BW	Filter #1
							0.09	0.10	96.8%					100.07		Filter #2
30	1.29	1.68	1.11	1.75	0.37	0.78	0.05	0.15	96.9%	0.10	1.53	1953	1339	45.05	BW	
Overall Avg.	**1.53**		**1.49**								**Total**	48635	40132			
Average	**1.36**	**1.70**	**1.31**	**1.68**	**1.00**	**9.26**	**0.08**	**0.21**		**0.13**	**1.00**	**1621**	**1338**			
Max		**1.83**		**2.12**		**99.92**	**Max**	**0.90**			**4.00**	**2775**	1492			
Min			**1.11**		**0.24**			**0.06**		**0.07**	**Min**	**1045**	1192			

Monthly Filter Performance both filters 95% target: 97.7%

May-24	Clearwell Filtered Cl2 Min	Clearwell Filtered Cl2 Max	Discharge Cl2 Min	Discharge Cl2 Max	Raw Water Avg	Raw Water Max	Filter Turb. Avg.	Filter Turb. Max	Filter Duty Performance Max %	Discharge Turb. Avg	Discharge Turb. Max	Raw Flow	Treated Flow	UV Dose	Initials	
1	1.38	1.64	1.19	1.30	0.51	0.72	0.06	0.10	100.0%	0.11	0.13	1352	1216	44.67	BW	
2	0.98	1.82	1.05	1.96	0.34	0.79	0.07	0.12	100.0%	0.12	1.54	1334	1222	44.68	BW	
3	1.36	1.66	1.27	1.37	0.28	0.51	0.07	0.09	100.0%	0.08	0.10	1388	1253	45.06	BW	
4	1.39	1.64	1.25	1.36	0.19	0.37	0.06	0.10	100.0%	0.08	0.11	1231	1317	45.80	BW	
5	1.33	1.66	1.21	1.34	0.18	0.32	0.07	0.17	100.0%	0.07	0.08	1691	1339	45.81	BW	
6	1.34	1.71	1.23	1.36	0.19	0.32	0.07	0.11	100.0%	0.07	0.08	1332	1373	46.53	NE	
7	1.36	1.67	1.13	1.97	0.23	0.41	0.06	0.13	100.0%	0.15	4.00	2171	1465	49.13	EH	Filter #1
							0.07	0.11	100.0%					46.15		Filter #2
8	1.36	1.63	1.17	2.78	0.24	0.39	0.05	0.08	100.0%	0.18	3.20	1467	1327	50.28	EH	
9	0.64	1.66	1.22	2.40	0.20	0.38	0.04	0.06	100.0%	0.11	4.00	1268	1422	51.01	NE	
10	1.33	1.66	1.26	1.40	0.20	0.35	0.04	0.06	100.0%	0.09	0.13	1739	1378	50.62	TW	
11	1.36	1.63	1.24	1.37	0.22	0.38	0.04	0.07	100.0%	0.09	0.10	1307	1339	51.74	NE	
12	1.35	1.65	1.25	1.39	0.24	0.48	0.04	0.08	100.0%	0.09	0.14	1755	1458	52.10	NE	
13	1.35	1.64	1.22	1.79	0.18	0.36	0.04	0.07	100.0%	0.10	3.26	1194	1390	52.11	TW	
14	1.38	1.64	1.26	1.80	0.20	12.00	0.04	0.07	100.0%	0.09	1.46	1779	1437	50.62	TW	
15	1.36	1.64	1.34	1.46	0.19	0.31	0.04	0.08	100.0%	0.08	0.09	1358	1561	50.63	EV	
16	1.25	1.83	1.32	1.50	0.29	39.84	0.04	0.09	100.0%	0.08	0.14	2123	1497	50.62	EV	
17	1.43	1.78	1.40	1.86	0.20	0.35	0.04	0.10	100.0%	0.10	2.29	1225	1295	50.24	TW	
18	1.37	1.78	1.46	1.61	0.20	0.30	0.04	0.11	100.0%	0.08	0.09	1848	1477	52.11	TW	
19	1.38	1.80	1.48	1.59	0.22	0.32	0.04	0.12	100.0%	0.08	0.09	1738	1545	52.87	TW	
20	1.47	1.78	1.44	1.59	0.22	0.32	0.09	0.51	100.0%	0.08	0.14	1746	1594	45.04	TW	
21	1.43	1.78	1.44	1.66	0.23	0.34	0.08	0.12	100.0%	0.11	1.01	2464	2012	44.65	TW	
22	1.46	1.77	1.35	1.52	0.22	0.63	0.08	0.13	100.0%	0.08	0.09	1778	1406	45.04	TW	
23	1.35	1.76	1.25	1.90	0.21	0.30	0.08	0.13	100.0%	0.09	1.30	2058	1670	43.93	TW	
24	1.46	1.75	1.25	1.45	0.21	0.97	0.07	0.14	100.0%	0.08	0.12	1296	1359	45.79	TW	
25	1.39	1.79	1.30	1.45	0.22	0.66	0.07	0.14	100.0%	0.08	0.10	1699	1374	45.78	TW	
26	1.43	1.81	1.30	1.44	0.23	0.88	0.07	0.13	100.0%	0.08	0.09	1709	1452	45.05	TW	
27	1.44	1.79	1.32	1.88	0.22	9.56	0.07	0.15	100.0%	0.08	3.81	1138	1324	45.41	EV	
28	1.48	1.77	1.35	1.85	0.25	0.80	0.08	0.17	100.0%	0.12	0.76	2096	1607	45.04	EV	
29	1.42	1.78	1.43	1.62	0.32	0.64	0.08	0.17	100.0%	0.14	0.16	1480	1355	45.79	EV	
30	1.45	1.79	1.33	1.61	0.24	0.40	0.07	0.18	100.0%	0.13	0.15	1739	1472	44.29	EV	
31	1.42	1.77	1.39	1.53	0.26	0.40	0.06	0.10	100.0%	0.11	0.14	1522	1470	44.67	EV	
Overall Avg.	**1.54**		**1.47**								**Total**	50025	44406			
Average	**1.35**	**1.73**	**1.29**	**1.65**	**0.24**	**2.41**	**0.06**	**0.12**		**0.10**	**0.93**	**1614**	**1432**			
Max		**1.83**		**2.78**		**39.84**	**Max**	**0.51**			**4.00**	**2464**	2012			
Min			**1.05**		**0.18**			**0.06**		**0.07**	**Min**	**1138**	1216			

Monthly Filter Performance both filters 95% target: 100%

June-24	Clearwell Filtered Cl2 Min	Clearwell Filtered Cl2 Max	Discharge Cl2 Avg	Discharge Cl2 Max	Raw Water Avg	Raw Water Max	Filter Turb. Avg.	Filter Turb. Max	Filter Duty Performance Max %	Discharge Turb. Avg	Discharge Turb. Max	Raw Flow	Treated Flow	UV Dose	Initials	
1	1.47	1.76	1.43	1.55	0.26	0.44	0.06	0.08	100.0%	0.07	0.08	1928	1490	45.78	BW	
2	1.43	1.81	1.40	1.56	0.24	0.43	0.06	0.17	100.0%	0.07	0.09	1073	1450	49.12	BW	Filter #1
							0.06	0.08	100.0%					47.63		Filter #2
3	1.40	1.78	1.38	1.54	0.24	0.35	0.04	0.07	100.0%	0.08	0.08	2074	1491	49.12	EV	
4	1.49	1.77	1.34	1.76	0.24	0.46	0.04	0.06	100.0%	0.09	3.52	1992	1539	49.89	EV	
5	1.40	1.80	1.34	1.51	0.23	0.49	0.04	0.05	100.0%	0.09	0.11	1838	1509	51.01	EV	
6	1.43	1.98	1.33	1.70	0.21	0.34	0.03	0.05	100.0%	0.09	4.00	1698	1614	49.51	EV	
7	1.51	1.76	1.35	1.53	0.22	0.39	0.03	0.04	100.0%	0.09	0.13	1240	1311	49.5	EV	
8	1.45	1.75	1.34	1.49	0.27	0.47	0.03	0.05	100.0%	0.08	0.10	1823	1426	50.25	NE	
9	1.43	1.76	1.35	1.46	0.29	0.57	0.03	0.04	100.0%	0.08	0.09	1656	1462	50.64	NE	
10	1.46	1.78	1.34	1.47	0.38	0.99	0.04	0.06	100.0%	0.08	0.09	1419	1378	50.26	EV	
11	1.43	1.77	1.36	1.86	0.28	0.57	0.03	0.05	100.0%	0.07	1.12	1836	1626	51.37	TW	
12	1.43	1.74	1.38	1.52	0.27	0.40	0.03	0.04	100.0%	0.07	0.08	1752	1464	52.13	TW	Filter #1
							0.09	0.32	100.0%					47.24		Filter #2
13	1.47	1.76	1.37	1.53	0.27	0.52	0.07	0.11	100.0%	0.08	0.12	2126	1474	45.78	TW	
14	1.47	1.75	1.32	1.75	0.25	0.52	0.07	0.08	100.0%	0.08	2.78	1783	1517	46.14	TW	
15	1.44	1.75	1.41	1.57	0.73	2.05	0.11	0.23	100.0%	0.07	0.10	1299	1403	47.26	TW	
16	1.44	1.76	1.35	1.48	0.28	0.56	0.07	0.08	100.0%	0.09	0.09	2025	1729	46.15	TW	
17	1.44	1.80	1.39	1.80	0.27	0.61	0.07	0.09	100.0%	0.11	3.53	1807	1604	45.78	EV	
18	1.01	2.00	1.41	2.02	0.25	0.45	0.07	0.08	100.0%	0.12	1.22	1952	1647	45.44	EV	
19	1.38	2.00	1.70	2.29	0.24	0.45	0.06	0.07	100.0%	0.10	2.18	2144	1869	45.45	EV	
20	1.37	2.00	1.25	1.86	0.26	0.69	0.06	0.29	100.0%	0.09	0.72	1764	1604	46.19	EV	Filter #1
							0.07	0.08	100.0%					46.19		Filter #2
21	1.40	2.00	1.43	1.75	0.26	1.12	0.04	0.07	100.0%	0.10	0.88	1713	1557	48.76	EV	
22	1.36	1.98	1.23	1.65	0.26	0.77	0.04	0.06	100.0%	0.11	0.16	1695	1507	50.26	EV	
23	1.31	2.00	1.27	1.79	0.26	0.47	0.04	0.06	100.0%	0.12	0.16	1578	1502	49.86	EV	
24	1.51	1.70	1.61	1.81	0.29	0.52	0.04	0.06	100.0%	0.14	0.41	1461	1386	41.24	TW	
25	1.55	1.86	1.46	1.78	0.29	0.99	0.04	0.05	100.0%	0.15	0.42	2048	1407	49.48	BW	
26	1.41	2.00	1.23	1.88	0.49	98.85	0.04	0.06	100.0%	0.07	1.34	1654	1467	52.13	BW	
27	1.46	1.85	1.43	1.61	0.31	0.69	0.04	0.06	100.0%	0.07	0.14	1303	1539	52.70	BW	
28	1.43	1.82	1.41	1.71	0.30	0.52	0.04	0.07	100.0%	0.07	0.08	2058	1485	50.26	EV	
29	1.51	1.85	1.46	1.72	0.28	0.56	0.04	0.08	100.0%	0.07	0.08	1767	1518	50.26	BW	
30	1.43	1.92	1.43	1.72	0.41	5.56	0.04	0.06	100.0%	0.07	0.08	1461	1463	51.02	BW	
Overall Avg.	**1.63**		**1.54**								**Total**	51967	45438			
Average	**1.42**	**1.84**	**1.38**	**1.69**	**0.29**	**4.06**	**0.05**	**0.09**		**0.09**	**0.80**	**1732**	**1515**			
Max		**2.00**		**2.29**		**98.85**	**Max**	**0.32**			**4.00**	**2144**	1869			
Min			**1.23**		**0.21**			**0.04**		**0.07**	**Min**	**1073**	1311			

Monthly Filter Performance both filters 95% target: 100%

July-24	Clearwell Filtered Cl2 Min	Clearwell Filtered Cl2 Max	Discharge Cl2 Min	Discharge Cl2 Max	Raw Water Avg	Raw Water Max	Filter Turb. Avg.	Filter Turb. Max	Filter Duty Performance Max %	Discharge Turb. Avg	Discharge Turb. Max	Raw Flow	Treated Flow	UV Dose	Initials	
1	1.45	1.80	1.41	1.73	0.33	0.52	0.04	0.07	100.0%	0.07	0.11	1627	1645	51.02	BW	Filter #1
							0.10	0.45	98.7%					46.87		Filter #2
2	1.33	1.92	1.34	1.81	0.33	2.50	0.09	0.11	99.4%	0.08	4.00	1985	1585	45.79	EV	
3	1.44	1.93	1.37	1.84	0.33	0.51	0.08	0.10	99.6%	0.09	1.44	1778	1483	43.94	BW	
4	1.34	2.00	1.40	1.77	0.30	0.71	0.07	0.08	99.7%	0.08	0.10	2043	1517	45.06	NE	
5	1.36	1.93	1.57	1.99	0.28	3.38	0.07	0.13	99.7%	0.08	0.09	1903	1539	45.07	TW	
6	1.15	1.85	1.24	1.78	0.28	0.54	0.07	0.08	99.8%	0.07	0.08	1935	1586	45.05	NE	
7	1.56	1.88	1.63	1.84	0.29	0.98	0.07	0.09	99.8%	0.07	0.08	1988	1756	44.68	NE	
8	1.52	1.86	1.47	1.78	0.30	0.51	0.07	0.10	99.9%	0.08	2.61	1839	1683	46.98	TW	
9	1.52	1.96	1.55	1.81	0.31	1.38	0.07	0.11	99.9%	0.07	0.08	1789	1525	44.69	TW	
10	1.54	1.84	1.55	1.75	0.34	0.67	0.07	0.11	99.9%	0.08	0.67	1307	1430	44.68	TW	
11	1.27	1.92	1.27	1.77	0.60	1.80	0.07	0.11	99.9%	0.08	1.27	1853	1806	44.69	TW	
12	1.38	1.97	1.37	1.70	0.42	0.91	0.07	0.13	99.9%	0.08	0.08	2076	1552	45.08	TW	
13	1.47	1.77	1.40	1.89	0.33	0.49	0.05	0.08	100.0%	0.09	0.09	1314	1643	50.64	TW	
14	1.52	1.84	1.29	1.80	0.30	0.52	0.04	0.06	100.0%	0.08	0.10	2005	1693	48.39	TW	
15	1.34	1.74	1.41	1.76	0.30	0.55	0.04	0.07	100.0%	0.08	3.21	1875	1723	49.17	EV	
16	1.41	1.80	1.57	1.90	0.29	0.55	0.04	0.05	100.0%	0.08	2.09	1889	1711	51.76	EV	
17	1.40	1.72	1.46	1.88	0.32	0.59	0.04	0.06	100.0%	0.08	0.63	2032	1718	49.91	EV	
18	1.49	1.77	1.51	1.92	0.47	1.09	0.04	0.07	100.0%	0.08	0.99	2473	1653	51.76	EV	Filter #1
							0.18	0.22	99.9%					46.13		Filter #2
19	1.46	1.69	1.50	1.71	0.36	0.56	0.04	0.07	100.0%	0.08	1.51	1913	1642	52.14	EV	
20	1.48	1.73	1.51	1.71	0.34	0.78	0.04	0.06	100.0%	0.08	0.09	1362	1706	50.28	TW	
21	1.38	1.76	1.43	1.69	0.35	0.58	0.04	0.06	100.0%	0.07	0.08	1935	1846	51.38	TW	
22	1.43	1.74	1.43	1.61	0.37	1.14	0.04	0.06	100.0%	0.08	2.24	2163	1770	50.25	BW	
23	1.40	1.65	1.35	1.80	0.36	0.61	0.04	0.06	100.0%	0.08	2.21	1936	1643	52.13	BW	Filter #1
							0.11	0.32	99.9%					46.17		Filter #2
24	1.48	1.78	1.54	1.83	0.36	0.77	0.08	0.14	99.9%	0.08	0.24	1855	1500	45.79	BW	
25	1.49	1.76	1.52	1.75	0.50	0.92	0.08	0.13	99.9%	0.09	0.16	2112	1698	45.05	BW	
26	1.46	1.81	1.39	1.77	0.35	0.55	0.07	0.09	99.9%	0.09	1.12	2003	1635	45.06	BW	
27	1.34	1.83	1.36	1.72	0.34	1.25	0.07	0.08	99.9%	0.09	0.09	1864	1750	44.68	BW	
28	1.56	1.91	1.54	1.76	0.33	0.79	0.07	0.08	99.9%	0.08	0.09	1999	1814	44.69	BW	
29	1.49	1.82	1.43	1.81	0.42	1.82	0.07	0.08	99.9%	0.08	0.60	2125	1867	45.44	NE	
30	1.31	1.70	1.37	1.79	0.37	0.72	0.07	0.08	99.9%	0.09	2.88	1815	1499	46.55	NE	
31	1.45	1.84	1.54	1.85	0.34	0.76	0.07	0.08	100.0%	0.09	0.63	1779	1604	47.73	TW	
Overall Avg.	**1.62**		**1.62**								**Total**	58572	51222			
Average	**1.43**	**1.82**	**1.44**	**1.79**	**0.35**	**0.95**	**0.07**	**0.11**		**0.08**	**0.96**	**1889**	**1652**			
Max		**2.00**		**1.99**		**3.38**	**Max**	**0.45**			**4.00**	**2473**	1867			
Min			**1.24**		**0.28**			**0.05**		**0.07**	**Min**	**1307**	1430			

Monthly Filter Performance both filters 95% target: 100%

August-24	Clearwell Filtered Cl2 Min	Clearwell Filtered Cl2 Max	Discharge Cl2 Min	Discharge Cl2 Max	Raw Water Avg	Raw Water Max	Filter Turb. Avg.	Filter Turb. Max	Filter Duty Performance Max %	Discharge Turb. Avg	Discharge Turb. Max	Raw Flow	Treated Flow	UV Dose	Initials	
1	1.44	1.73	1.46	1.81	0.34	0.67	0.07	0.08	100.0%	0.09	0.75	1920	1853	46.21	EV	
2	1.37	1.77	1.42	1.80	0.32	0.93	0.07	0.09	100.0%	0.09	0.51	2310	1825	46.57	NE	
3	1.34	1.74	1.54	1.88	0.31	0.58	0.07	0.09	100.0%	0.09	0.11	1906	1753	47.3	NE	
4	1.40	1.82	1.53	1.91	0.31	0.50	0.07	0.15	100.0%	0.10	0.12	1908	1822	49.53	NE	
5	1.41	1.75	1.44	1.77	0.52	1.20	0.09	0.32	99.4%	0.12	0.16	1636	1517	48.42	NE	
6	1.33	1.71	1.36	1.73	0.34	0.62	0.06	0.07	99.5%	0.15	1.14	1853	1559	49.52	TW	
7	1.47	1.77	1.57	1.88	0.43	0.94	0.06	0.10	99.6%	0.13	2.50	1729	1540	49.55	TW	
8	1.45	1.89	1.45	1.86	0.42	0.60	0.06	0.09	99.6%	0.09	0.71	1557	1587	50.29	TW	
9	1.14	1.78	1.05	2.57	0.46	1.20	0.06	0.09	99.7%	0.09	0.72	2071	1625	49.9	TW	
10	1.26	1.79	1.46	1.65	0.51	0.83	0.06	0.08	99.7%	0.09	0.10	1769	1536	50.64	TW	
11	1.35	1.68	1.41	1.66	0.45	0.76	0.06	0.11	99.7%	0.09	0.09	1641	1554	54.44	TW	
12	1.40	1.77	1.37	2.22	0.42	0.68	0.05	0.08	99.8%	0.09	2.37	1743	1664	49.51	EV	
13	1.46	1.72	1.48	1.89	0.35	11.41	0.04	0.05	99.8%	0.08	1.19	1886	1676	50.28	EV	
14	1.31	1.81	1.48	1.92	0.34	0.53	0.04	0.06	99.8%	0.07	0.09	2147	2047	51.41	EV	
15	1.24	1.81	1.41	1.93	0.36	0.51	0.04	0.07	99.8%	0.08	0.09	3124	2179	52.15	EV	Filter #1
							0.11	0.47	100.0%					46.19		Filter #2
16	1.25	1.88	1.36	1.75	0.34	0.53	0.09	0.10	100.0%	0.09	2.52	1585	1634	45.81	EV	
17	1.43	1.76	1.62	1.80	0.35	0.53	0.09	0.11	100.0%	0.09	0.09	1888	1535	46.18	EV	
18	1.54	1.83	1.43	1.81	0.67	2.86	0.09	0.14	100.0%	0.09	0.11	1731	1496	46.17	EV	
19	1.35	1.70	1.34	1.71	1.70	3.30	0.12	0.20	100.0%	0.09	0.11	1711	1545	46.17	EV	
20	1.44	1.73	1.56	1.90	0.98	1.88	0.10	0.15	100.0%	0.11	3.54	1579	1535	46.18	NE	
21	0.93	1.98	1.42	1.82	0.63	1.09	0.09	0.13	100.0%	0.10	0.52	1833	1590	46.51	BW	
22	1.39	1.78	1.34	1.48	0.43	0.67	0.08	0.12	100.0%	0.09	0.10	1680	1601	46.51	EV	
23	1.43	1.75	1.32	2.06	0.34	0.50	0.07	0.10	100.0%	0.09	0.59	1883	1523	45.79	BW	
24	1.44	1.79	1.34	1.45	0.32	0.48	0.07	0.09	100.0%	0.08	0.11	1826	1691	46.51	BW	
25	1.38	1.81	1.30	1.42	0.30	0.47	0.07	0.09	100.0%	0.08	0.09	1982	1727	46.17	BW	
26	1.36	1.82	1.25	1.96	0.30	0.42	0.09	0.23	99.9%	0.08	2.00	2057	1742	51.39	NE	Filter #1
							0.07	0.10	100.0%					45.79		Filter #2
27	1.41	1.79	1.21	2.00	0.30	0.46	0.07	0.09	99.9%	0.09	1.13	1878	1642	49.52	NE	
28	1.35	1.81	1.20	2.11	0.87	2.93	0.15	0.45	99.6%	0.11	0.35	1976	1486	49.9	NE	
29	1.36	1.78	1.21	1.86	0.52	0.73	0.09	0.13	99.6%	0.15	0.59	1642	1519	49.9	NE	
30	1.35	1.82	1.23	2.07	0.49	22.75	0.07	0.10	99.6%	0.14	0.77	2066	1645	49.89	NE	
31	1.37	1.79	1.21	1.45	0.38	3.52	0.06	0.08	99.6%	0.12	0.33	1710	1551	51.03	NE	
Overall Avg.	**1.57**		**1.61**								**Total**	58227	51199			
Average	**1.36**	**1.79**	**1.38**	**1.84**	**0.48**	**2.10**	**0.08**	**0.13**		**0.10**	**0.76**	**1878**	**1652**			
Max		**1.98**		**2.57**		**22.75**	**Max**	**0.47**			**3.54**	**3124**	2179			
Min			**1.05**		**0.30**			**0.05**		**0.07**	**Min**	**1557**	1486			

Monthly Filter Performance both filters 95% target: 99.8

September-24	Clearwell Filtered Cl2 Min	Clearwell Filtered Cl2 Max	Discharge Cl2 Min	Discharge Cl2 Max	Raw Water Avg	Raw Water Max	Filter Turb. Avg.	Filter Turb. Max	Filter Duty Performance Max %	Discharge Turb. Avg	Discharge Turb. Max	Raw Flow	Treated Flow	UV Dose	Initials	
1	1.32	1.79	1.34	1.50	0.35	0.91	0.06	0.07	100.0%	0.11	0.12	1693	1566	50.26	NE	
2	1.38	1.75	1.26	1.47	0.61	1.29	0.03	0.07	100.0%	0.11	0.12	1910	1710	52.51	NE	
3	1.38	1.81	1.15	2.12	0.55	1.02	0.04	0.08	100.0%	0.10	1.10	1736	1634	51.39	EV	
4	1.40	1.77	1.25	2.01	0.34	0.57	0.03	0.05	100.0%	0.10	1.84	1467	1537	53.28	EV	
5	1.43	1.83	1.21	2.07	0.32	0.49	0.03	0.03	100.0%	0.11	0.46	2506	1634	53.68	EV	Filter #1
							0.09	0.24	100.0%					45.41		Filter #2
6	1.41	1.75	1.20	2.15	0.33	0.58	0.06	0.08	100.0%	0.12	0.40	1667	1536	46.15	EV	
7	1.43	1.78	1.23	1.37	0.83	1.68	0.06	0.09	100.0%	0.12	0.13	1703	1480	46.15	EV	
8	1.45	1.76	1.20	1.35	0.59	0.86	0.06	0.09	100.0%	0.12	0.12	1762	1727	46.15	EV	
9	1.41	1.77	1.19	2.19	0.40	0.65	0.08	0.12	100.0%	0.12	4.00	1376	1520	46.48	BW	
10	1.38	1.82	1.34	1.93	0.38	0.50	0.06	0.15	100.0%	0.14	1.01	1872	1440	51.03	BW	Filter #1
							0.05	0.08	100.0%					46.15		Filter #2
11	1.43	1.77	1.31	2.08	0.36	0.51	0.03	0.07	100.0%	0.13	0.88	2179	1494	49.90	BW	
12	1.39	1.76	1.40	1.73	0.40	0.55	0.03	0.06	100.0%	0.13	2.06	1702	1683	49.89	NE	
13	1.38	1.81	1.39	1.77	0.38	0.59	0.03	0.06	100.0%	0.13	2.28	1871	1672	51.75	BW	
14	1.41	1.81	1.40	1.52	0.37	0.52	0.03	0.05	100.0%	0.13	0.15	1732	1606	52.14	BW	
15	1.41	1.82	1.37	1.48	0.38	0.66	0.03	0.05	100.0%	0.13	0.14	1981	1777	51.37	BW	
16	1.45	1.79	1.37	1.48	0.35	0.53	0.09	0.16	100.0%	0.14	0.15	1946	1622	45.41	NE	
17	1.46	1.99	1.34	3.25	0.56	99.89	0.06	0.30	100.0%	0.15	0.55	1726	1697	45.42	NE	
18	1.43	1.76	1.43	1.59	0.40	1.89	0.07	0.09	100.0%	0.16	0.17	1907	1623	45.42	NE	
19	1.41	1.81	1.43	1.75	0.42	21.04	0.05	0.12	100.0%	0.16	3.39	2408	1664	51.76	NE	Filter #1
							0.06	0.09	100.0%					45.45		Filter #2
20	1.45	1.76	1.39	1.71	0.35	0.90	0.02	0.03	100.0%	0.16	2.44	1828	1571	51.76	EV	Filter #1
							0.06	0.09	100.0%					46.17		Filter #2
21	1.43	1.78	1.50	1.64	0.35	0.46	0.04	0.07	100.0%	0.17	0.18	1795	1758	48.76	NE	
22	1.46	1.78	1.54	1.66	0.34	0.65	0.03	0.05	100.0%	0.17	0.21	1846	1625	49.13	NE	
23	1.46	1.76	1.34	1.70	0.38	0.53	0.03	0.06	100.0%	0.18	1.06	1243	1491	50.63	EV	
24	1.37	1.82	1.36	1.93	0.58	0.99	0.03	0.06	100.0%	0.18	1.64	1903	1481	51.75	EV	
25	1.42	1.77	1.36	1.96	0.48	0.84	0.03	0.06	100.0%	0.19	0.45	1744	1457	51.75	BW	
26	1.43	1.82	1.41	1.81	0.32	0.43	0.03	0.05	100.0%	0.19	2.24	1423	1735	51.38	BW	
27	1.34	1.77	1.34	1.88	0.29	0.38	0.03	0.05	100.0%	0.19	1.84	1937	1565	51.02	EV	
28	1.35	1.77	1.25	1.99	0.31	0.40	0.03	0.06	100.0%	0.20	3.22	2075	1743	52.50	EV	Filter #1
							0.06	0.18	100.0%					46.17		Filter #2
29	1.46	1.80	1.32	2.03	0.33	0.44	0.06	0.07	100.0%	0.20	1.77	1853	1736	46.51	EV	
30	1.42	1.78	1.34	1.88	0.33	2.50	0.07	0.13	100.0%	0.21	0.93	2253	1695	46.51	BW	
Overall Avg.	**1.60**		**1.58**								**Total**	55044	48479			
Average	**1.41**	**1.79**	**1.33**	**1.83**	**0.41**	**4.78**	**0.05**	**0.09**		**0.15**	**1.17**	**1835**	**1616**			
Max		**1.99**		**3.25**		**99.89**	**Max**	**0.30**			**4.00**	**2506**	1777			
Min			**1.15**		**0.29**			**0.03**		**0.10**	**Min**	**1243**	1440			

Monthly Filter Performance both filters 95% target: 100%

October-24	Clearwell Filtered Cl2 Min	Clearwell Filtered Cl2 Max	Discharge Cl2 Min	Discharge Cl2 Max	Raw Water Avg	Raw Water Max	Filter Turb. Avg.	Filter Turb. Max	Filter Duty Performance Max %	Discharge Turb. Avg	Discharge Turb. Max	Raw Flow	Treated Flow	UV Dose	Initials	
1	1.30	1.83	1.30	1.96	0.36	0.57	0.10	0.16	100.0%	0.23	4.00	1979	1743	50.25	BW	Filter #1
							0.08	0.14	100.0%					47.51		Filter #2
2	1.36	1.76	1.36	1.85	0.44	0.65	0.10	0.14	100.0%	0.25	1.79	2113	1745	50.28	BW	
3	1.44	1.80	1.44	1.75	0.33	0.46	0.09	0.21	100.0%	0.21	3.24	2514	1777	49.89	BW	
4	1.42	1.79	1.48	1.79	0.31	0.72	0.08	0.11	100.0%	0.12	1.46	2359	1751	49.88	NE	
5	1.42	1.77	1.46	1.77	0.31	0.52	0.08	0.10	100.0%	0.11	0.86	2048	1866	50.64	NE	
6	1.44	1.77	1.46	1.77	0.32	0.42	0.07	0.09	100.0%	0.11	0.89	1807	1869	48.03	NE	
7	1.38	1.77	1.37	1.74	0.47	0.81	0.08	0.11	100.0%	0.11	1.56	1882	1742	46.91	NE	
8	1.41	1.77	1.40	1.86	0.34	0.47	0.08	0.13	100.0%	0.11	0.95	2018	1722	49.15	NE	
9	1.38	1.80	1.39	1.73	0.29	0.48	0.08	0.11	100.0%	0.12	1.77	2011	1785	52.15	NE	Filter #1
							0.16	0.20	100.0%					46.5		Filter #2
10	1.31	1.88	1.37	1.76	0.28	0.47	0.08	0.11	100.0%	0.12	1.32	1764	1726	50.64	NE	Filter #1
							0.17	0.21	100.0%					43.54		Filter #2
11	1.41	1.80	1.30	1.83	0.18	0.27	0.07	0.08	100.0%	0.11	0.77	1803	1581	51.39	NE	
12	1.40	1.79	1.24	2.04	0.41	0.95	0.07	0.10	100.0%	0.11	2.80	1838	1486	42.01	NE	Filter #1
							0.11	0.16	100.0%					44.65		Filter #2
13	1.43	1.78	1.21	2.15	0.31	0.51	0.07	0.08	100.0%	0.11	0.91	1550	1468	51.01	NE	
14	1.41	1.81	1.21	2.06	1.64	4.53	0.14	0.33	99.8%	0.12	4.00	1728	1462	51.02	NE	
15	1.40	1.79	1.11	2.12	0.73	1.19	0.07	0.10	99.8%	0.14	2.35	1549	1442	53.28	BW	Filter #1
							0.14	0.25	100.0%					44.65		Filter #2
16	1.40	1.77	1.12	2.20	0.66	1.09	0.13	0.68	99.9%	0.14	2.32	1206	1366	45.05	NE	
17	1.44	1.77	1.14	2.13	0.33	0.59	0.09	0.15	99.9%	0.15	1.93	2217	1670	45.79	EV	
18	1.45	1.85	1.16	2.09	0.27	0.35	0.09	0.11	99.9%	0.13	1.15	2139	1396	45.05	BW	
19	1.47	1.76	1.35	1.93	0.25	0.33	0.09	0.10	99.9%	0.12	1.83	1594	1402	45.05	EV	
20	1.43	1.80	1.32	1.95	0.24	0.30	0.09	0.10	100.0%	0.11	0.60	1721	1468	45.04	EV	
21	1.49	1.75	1.30	1.97	0.24	0.36	0.09	0.11	100.0%	0.11	1.44	1427	1454	44.67	BW	
22	1.39	1.77	1.26	2.02	0.25	0.39	0.09	0.14	100.0%	0.12	2.19	1699	1400	45.06	BW	
23	1.44	1.81	1.24	1.90	0.26	0.47	0.09	0.22	99.9%	0.12	1.44	1924	1350	51.76	BW	Filter #1
							0.09	0.14	100.0%					45.88		Filter #2
24	1.43	1.79	1.24	1.92	0.29	0.42	0.08	0.10	99.9%	1.36	2.71	1484	1363	51.39	BW	
25	1.40	1.76	1.27	2.03	0.26	0.36	0.07	0.09	99.9%	0.14	1.55	1499	1364	49.52	EV	
26	1.40	1.80	1.23	2.12	0.31	0.59	0.07	0.10	99.9%	0.14	2.92	1566	1358	50.29	BW	
27	1.39	1.82	1.23	2.02	0.28	0.45	0.07	0.10	99.9%	0.14	2.89	1628	1427	49.9	BW	
28	1.42	1.81	1.27	1.97	0.25	0.36	0.06	0.11	99.9%	0.14	1.05	1716	1428	52.23	NE	
29	1.40	1.74	1.25	1.97	0.24	0.37	0.06	0.10	99.9%	0.14	1.48	1768	1583	49.9	NE	
30	1.44	1.81	1.27	1.94	0.22	0.28	0.06	0.07	99.9%	0.13	0.49	2021	1345	51.38	NE	
31	1.45	1.92	1.25	2.01	0.21	0.28	0.05	0.06	99.9%	0.12	1.01	1632	1392	52.51	NE	
Overall Avg.	**1.60**		**1.62**								**Total**	56204	47931			
Average	**1.41**	**1.79**	**1.29**	**1.95**	**0.36**	**0.65**	**0.09**	**0.15**		**0.17**	**1.80**	**1813**	**1546**			
Max		**1.92**		**2.20**		**4.53**	**Max**	**0.68**			**4.00**	**2514**	1869			
Min			**1.11**		**0.18**			**0.06**		**0.11**	**Min**	**1206**	1345			

Monthly Filter Performance both filters 95% target: 99.9%

November-24	Clearwell Filtered Cl2 Min	Clearwell Filtered Cl2 Max	Discharge Cl2 Min	Discharge Cl2 Max	Raw Water Avg	Raw Water Max	Filter Turb. Avg.	Filter Turb. Max	Filter Duty Performance Max %	Discharge Turb. Avg	Discharge Turb. Max	Raw Flow	Treated Flow	UV Dose	Initials	
1	1.34	1.78	1.32	1.93	0.23	0.33	0.05	0.07	100.0%	0.12	1.89	1337	1328	51.39	NE	
2	1.45	1.77	1.32	1.87	0.24	0.34	0.05	0.07	100.0%	0.12	1.03	1783	1380	50.66	NE	
3	1.47	1.73	1.31	1.84	0.19	0.26	0.05	0.06	100.0%	0.12	1.30	1251	1470	51.76	NE	
4	1.44	1.84	1.32	1.83	0.26	0.47	0.06	0.08	100.0%	0.13	0.69	1801	1330	51.76	BW	Filter #1
							0.09	0.17	100.0%					46.87		Filter #2
5	1.38	1.81	1.23	1.95	0.17	0.23	0.08	0.10	100.0%	0.13	1.63	1501	1289	45.79	BW	
6	1.47	1.76	1.19	2.04	0.19	0.26	0.08	0.11	100.0%	0.14	0.63	1699	1383	45.80	BW	
7	1.43	1.78	1.17	2.02	0.20	0.26	0.09	0.14	100.0%	0.14	1.65	1978	1342	45.06	BW	
8	1.37	1.77	1.25	1.90	0.25	0.48	0.09	0.13	100.0%	0.15	2.34	1235	1316	45.06	NE	
9	1.44	1.76	1.26	2.05	0.41	0.82	0.09	0.13	100.0%	0.15	1.99	1824	1388	45.05	NE	
10	1.43	1.77	1.26	1.98	0.24	0.38	0.09	0.15	100.0%	0.15	2.41	1759	1415	46.54	NE	
11	1.40	1.76	1.23	1.97	0.23	0.37	0.08	0.14	100.0%	0.14	2.30	1306	1329	45.42	NE	
12	1.41	1.79	1.24	2.06	1.06	2.15	0.10	0.14	100.0%	0.14	2.32	1749	1371	45.42	BW	
13	1.46	1.73	1.22	2.00	0.50	0.69	0.09	0.14	100.0%	0.15	3.01	1261	1323	46.06	EV	
14	1.44	1.75	1.23	1.96	0.55	2.11	0.09	0.14	100.0%	0.16	1.82	1707	1417	45.41	BW	
15	1.44	1.82	1.21	2.00	0.31	0.65	0.06	0.13	100.0%	0.15	2.41	1664	1366	49.13	BW	Filter #1
							0.07	0.12	100.0%					46.86		Filter #2
16	1.43	1.78	1.22	1.99	0.24	0.35	0.06	0.08	100.0%	0.15	1.59	1329	1367	49.51	BW	
17	1.43	1.78	1.16	2.06	0.22	0.30	0.06	0.08	100.0%	0.15	2.76	1758	1485	48.76	BW	
18	1.40	1.85	1.16	2.08	0.20	0.25	0.05	0.08	100.0%	0.15	3.60	1709	1461	50.28	TN	
19	1.45	1.77	1.41	1.79	0.27	0.57	0.05	0.08	100.0%	0.14	1.05	1751	1437	51.38	TN	
20	1.42	1.80	1.36	1.64	0.24	0.37	0.05	0.08	100.0%	0.14	0.71	1301	1355	50.65	TN	
21	1.38	1.79	1.37	1.66	0.20	0.29	0.04	0.09	100.0%	0.13	2.28	2076	1481	48.77	TN	
22	1.42	1.77	1.37	1.77	0.44	0.92	0.05	0.09	100.0%	0.13	1.95	1728	1343	49.12	TN	
23	1.43	1.78	1.38	1.73	0.45	0.86	0.06	0.10	100.0%	0.13	0.41	1301	1433	51.75	NE	
24	1.43	1.77	1.40	1.80	0.32	0.63	0.05	0.11	100.0%	0.14	2.56	1843	1548	50.63	NE	
25	1.40	1.80	1.37	1.84	0.22	0.30	0.05	0.13	100.0%	0.14	2.61	1527	1502	50.26	TN	
26	1.44	1.75	1.37	1.73	0.22	0.32	0.06	0.13	100.0%	0.12	3.04	1496	1387	53.63	TN	Filter #1
							0.09	0.13	100.0%					45.77		Filter #2
27	1.47	1.77	1.39	1.80	0.21	0.29	0.09	0.11	100.0%	0.10	3.25	1308	1430	44.65	TN	
28	1.46	1.76	1.41	1.77	0.20	0.30	0.08	0.10	100.0%	0.10	1.38	1769	1338	44.28	BW	
29	1.43	1.78	1.37	1.90	0.16	0.20	0.08	0.10	100.0%	0.09	2.45	1544	1334	45.39	NE	
30	1.43	1.76	1.37	1.78	0.18	0.24	0.10	0.34	99.8%	0.09	1.44	1675	1417	52.5	EV	Filter #1
							0.75	0.11	100.0%					47.98		Filter #2
Overall Avg.	**1.60**		**1.59**								**Total**	47970	41765			
Average	**1.43**	**1.78**	**1.30**	**1.89**	**0.29**	**0.53**	**0.09**	**0.12**		**0.13**	**1.95**	**1599**	**1392**			
Max		**1.85**		**2.08**		**2.15**	**Max**	**0.34**			**3.60**	**2076**	1548			
Min			**1.16**		**0.16**			**0.06**		**0.09**	**Min**	**1235**	1289			

Monthly Filter Performance both filters 95% target: 99.9%

December-24	Clearwell Filtered Cl2 Min	Clearwell Filtered Cl2 Max	Discharge Cl2 Min	Discharge Cl2 Max	Raw Water Avg	Raw Water Max	Filter Turb. Avg.	Filter Turb. Max	Filter Duty Performance Max %	Discharge Turb. Avg	Discharge Turb. Max	Raw Flow	Treated Flow	UV Dose	Initials	
1	1.40	1.80	1.39	1.77	0.18	0.26	0.08	0.10	100.0%	0.09	1.24	1484	1420	45.02	EV	
2	1.47	1.86	1.39	1.75	0.17	0.20	0.07	0.10	100.0%	0.09	1.76	1533	1319	45.75	TN	
3	1.51	1.75	1.32	1.88	0.22	0.31	0.08	0.10	100.0%	0.09	2.81	1984	1353	45.4	TN	
4	1.47	1.74	1.25	1.88	0.17	0.24	0.07	0.11	100.0%	0.09	2.11	1456	1342	45.75	TN	
5	1.47	1.78	1.19	1.97	0.52	1.51	0.08	0.11	100.0%	0.09	4.00	1846	1416	46.87	TN	
6	1.49	1.78	1.40	1.64	0.92	1.58	0.09	0.12	100.0%	0.09	1.79	1695	1609	47.02	TN	
7	1.49	1.75	1.41	1.61	0.47	0.68	0.07	0.13	100.0%	0.10	2.33	1327	1590	46.13	BW	
8	1.46	1.74	1.39	1.71	0.42	0.69	0.08	0.15	100.0%	0.10	2.77	1885	1652	48.77	BW	Filter #1
							0.07	0.13	100.0%					46.47		Filter #2
9	1.48	1.76	1.41	1.61	0.55	1.05	0.07	0.13	100.0%	0.10	2.00	1872	1578	49.51	NE	
10	1.45	1.78	1.40	1.61	0.33	0.58	0.06	0.09	100.0%	0.12	1.79	1971	1586	49.15	TN	
11	1.44	1.77	1.35	1.79	0.25	0.43	0.05	0.07	100.0%	0.12	2.37	1501	1492	50.65	TN	
12	1.44	1.78	1.39	1.74	0.31	0.51	0.05	0.08	100.0%	0.11	2.18	1815	1570	50.28	NE	
13	1.48	1.74	1.41	1.65	0.32	0.54	0.06	0.08	100.0%	0.09	1.13	1690	1641	50.63	TN	
14	1.46	1.74	1.43	1.67	0.21	0.30	0.05	0.07	100.0%	0.09	1.70	1778	1617	41.63	NE	Filter #1
							0.10	0.30	100.0%					46.45		Filter #2
15	1.43	1.76	1.42	1.69	0.26	0.41	0.05	0.08	100.0%	0.09	1.76	1762	1666	48.39	NE	
16	1.42	1.99	1.41	1.65	0.24	2.09	0.05	0.08	100.0%	0.09	2.54	1649	1552	51.38	TN	
17	1.41	1.80	1.29	1.86	0.83	2.01	0.09	0.25	100.0%	0.09	2.28	1590	1419	50.26	TN	
18	1.42	1.76	1.25	1.92	0.29	0.45	0.05	0.09	100.0%	0.10	2.59	1764	1494	51.02	TN	
19	1.34	1.79	1.23	1.99	0.74	23.71	0.06	0.10	100.0%	0.10	1.50	1710	1499	51.75	TN	Filter #1
							0.15	0.32	99.6%					44.61		Filter #2
20	1.46	1.74	1.29	2.04	0.46	0.71	0.08	0.15	100.0%	0.12	2.08	1690	1448	53.62	TN	Filter #1
							0.09	0.17	99.6%					42.3		Filter #2
21	1.42	1.77	1.33	1.90	0.44	0.79	0.08	0.19	99.6%	0.14	4.00	1484	1334	44.22	EV	
22	1.49	1.75	1.33	1.86	0.43	0.62	0.07	0.10	99.7%	0.11	2.39	1549	1382	44.58	EV	
23	1.48	1.75	1.34	2.00	0.26	0.35	0.07	0.08	99.7%	0.11	2.62	1937	1311	43.83	TN	
24	1.50	1.74	1.43	1.74	0.26	0.36	0.06	0.08	99.7%	0.10	2.04	1213	1314	43.85	BW	
25	1.46	1.77	1.44	1.67	0.18	0.26	0.06	0.08	99.7%	0.11	4.00	1584	1230	45.69	BW	
26	1.48	1.86	1.40	1.72	0.18	0.24	0.06	0.09	99.7%	0.10	2.42	1218	1305	44.96	BW	
27	1.45	1.74	1.33	1.82	0.23	0.37	0.06	0.09	99.7%	0.12	1.08	1793	1307	44.6	TN	
28	1.46	1.74	1.35	1.74	0.28	0.39	0.06	0.09	99.7%	0.14	2.21	1622	1334	44.23	EV	
29	1.45	1.72	1.32	1.84	1.10	4.59	0.08	0.14	99.7%	0.15	3.31	1234	1377	43.86	BW	
30	1.38	1.77	1.28	1.86	3.49	4.61	0.15	0.39	99.7%	0.13	4.00	1598	1304	43.14	NE	
31	1.47	1.78	1.31	2.02	1.60	3.61	0.12	0.32	99.9%	0.14	2.33	1731	1312	53.62	NE	Filter #1
							0.10	0.18	99.9%					46.16		Filter #2
Overall Avg.	**1.61**		**1.57**								**Total**	50965	44773			
Average	**1.45**	**1.77**	**1.35**	**1.79**	**0.53**	**1.76**	**0.08**	**0.14**		**0.11**	**2.36**	**1644**	**1444**			
Max		**1.99**		**2.04**		**23.71**	**Max**	**0.39**			**4.00**	**1984**	1666			
Min			**1.19**		**0.17**			**0.07**		**0.09**	**Min**	**1213**	1230			

Monthly Filter Performance both filters 95% target: 99.8%

DISTRIBUTION SYSTEM CHLORINE RESIDUALS - St. Vincent Station & Nelson Station

Date	AIT-101 St Vincent	AIT-101 St Vincent	AIT-101 St Vincent	AIT-102 St Vincent	AIT-102 St Vincent	AIT-102 St Vincent	Total Flow St Vincent	AIT-3009 Nelson	AIT-3009 Nelson	AIT-3009 Nelson	AIT-3016 Nelson	AIT-3016 Nelson	AIT-3016 Nelson	Total Flow Nelson	Initial
January	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)		**Actual**	**MIN** (mg/L)	**MAX** (mg/L)	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)		
2024															
1	1.26	1.18	1.32	1.23	1.14	1.29	475	1.15	1.07	1.31	1.12	1.05	1.26	358	JR
2	1.23	1.18	1.33	1.21	1.15	1.32	450	1.14	1.07	1.35	1.10	1.05	1.31	355	BW
3	1.26	1.23	1.33	1.24	1.10	1.30	450	1.12	1.09	1.27	1.12	1.06	1.26	351	BW
4	1.27	1.23	1.34	1.23	1.13	1.31	443	1.16	1.09	1.29	1.12	1.04	1.27	351	BW
5	1.30	1.24	1.34	1.26	1.13	1.30	448	1.19	1.09	1.32	1.08	1.06	1.28	351	BW
6	1.24	1.22	1.39	1.21	1.17	1.35	459	1.20	1.11	1.34	1.14	1.09	1.31	352	BW
7	1.35	1.26	1.41	1.31	1.20	1.37	459	1.19	1.14	1.34	1.19	1.09	1.33	363	BW
8	1.37	1.28	1.42	1.35	1.20	1.39	456	1.19	1.15	1.36	1.18	1.14	1.38	363	NE
9	1.35	1.24	1.41	1.32	1.23	1.38	448	1.27	1.13	1.40	1.27	1.11	1.38	349	NE
10	1.28	1.24	1.34	1.24	1.14	1.31	448	1.16	1.04	1.28	1.15	1.03	1.25	349	NE
11	1.30	1.18	1.31	1.26	1.11	1.29	458	1.16	1.10	1.30	1.34	1.10	1.42	349	NE
12	1.24	1.20	1.32	1.22	1.17	1.29	462	1.16	1.09	1.27	1.29	1.18	1.42	346	NE
13	1.24	1.21	1.31	1.20	1.12	1.28	484	1.17	1.10	1.27	1.33	1.19	1.38	353	NE
14	1.23	1.20	1.33	1.22	1.13	1.29	486	1.18	1.12	1.29	1.28	1.21	1.41	356	NE
15	1.27	1.22	1.34	1.23	1.13	1.30	486	1.20	1.08	1.32	1.27	1.20	1.42	356	JR
16	1.29	1.25	1.34	1.25	1.12	1.30	482	1.21	1.13	1.30	1.31	1.24	1.39	350	JR
17	1.26	1.22	1.32	1.24	1.11	1.28	466	1.16	0.95	1.28	1.31	1.16	1.41	353	JR
18	1.25	1.20	1.33	1.20	1.14	1.28	460	0.98	0.78	1.20	1.31	1.11	1.40	353	JR
19	1.26	1.20	1.33	1.22	1.12	1.29	448	1.13	1.07	1.22	1.15	1.08	1.24	347	JR
20	1.23	1.22	1.35	1.18	1.17	1.31	459	1.17	1.05	1.29	1.17	1.04	1.27	350	JR
21	1.29	1.27	1.42	1.26	1.22	1.38	469	1.17	1.01	1.27	1.18	1.02	1.29	358	JR
22	1.38	1.29	1.43	1.34	1.26	1.40	469	1.22	1.14	1.29	1.22	1.16	1.31	358	BW
23	1.38	1.27	1.41	1.34	1.23	1.37	454	1.24	1.12	1.31	1.25	1.10	1.33	350	BW
24	1.37	1.31	1.40	1.35	1.24	1.37	480	1.14	1.06	1.24	1.18	1.09	1.27	348	BW
25	1.32	1.22	1.40	1.30	1.20	1.37	494	1.16	1.07	1.32	1.21	1.12	1.34	355	BW
26	1.20	1.12	1.38	1.18	1.07	1.36	494	1.14	1.03	1.26	1.13	1.04	1.25	355	BW
27	1.26	1.14	1.40	1.23	1.12	1.37	501	1.08	1.00	1.29	1.08	0.99	1.28	356	BW
28	1.31	1.29	1.45	1.29	1.25	1.43	510	1.21	1.15	1.32	1.24	1.13	1.32	369	BW
29	1.42	1.34	1.44	1.40	1.27	1.42	510	1.22	1.19	1.32	1.21	1.18	1.31	369	NE
30	1.38	1.31	1.48	1.36	1.22	1.44	507	1.25	1.16	1.41	1.22	1.13	1.34	356	NE
31	1.36	1.26	1.51	1.32	1.21	1.47	503	1.28	1.16	1.41	1.21	1.13	1.36	353	NE
Average	**1.30**	**1.23**	**1.38**	**1.26**	**1.17**	**1.34**	**472**	**1.17**	**1.08**	**1.30**	**1.21**	**1.11**	**1.33**	**354**	

DISTRIBUTION SYSTEM CHLORINE RESIDUALS - St. Vincent Station & Nelson Station

Date	AIT-101 St Vincent	AIT-101 St Vincent	AIT-101 St Vincent	AIT-102 St Vincent	AIT-102 St Vincent	AIT-102 St Vincent	Total Flow St Vincent	AIT-3009 Nelson	AIT-3009 Nelson	AIT-3009 Nelson	AIT-3016 Nelson	AIT-3016 Nelson	AIT-3016 Nelson	Total Flow Nelson	Initial
February	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)		**Actual**	**MIN** (mg/L)	**MAX** (mg/L)	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)		
2024															
1	1.40	1.33	1.44	1.35	1.25	1.41	502	1.23	1.17	1.34	1.18	1.13	1.30	350	BW
2	1.34	1.34	1.43	1.32	1.25	1.40	502	1.26	1.22	1.35	1.21	1.16	1.33	350	NE
3	1.38	1.33	1.46	1.34	1.26	1.42	533	1.28	1.24	1.38	1.22	1.17	1.33	354	NE
4	1.40	1.36	1.47	1.37	1.30	1.44	534	1.29	1.26	1.39	1.26	1.20	1.34	362	NE
5	1.43	1.35	1.47	1.38	1.25	1.44	534	1.32	1.23	1.39	1.28	1.19	1.33	362	NE
6	1.42	1.33	1.45	1.37	1.26	1.40	509	1.33	1.21	1.45	1.26	1.15	1.35	350	NE
7	1.34	1.32	1.41	1.30	1.20	1.37	509	1.27	1.19	1.35	1.21	1.15	1.27	350	NE
8	1.30	1.22	1.39	1.26	1.16	1.35	508	1.24	1.15	1.37	1.16	1.09	1.29	351	NE
9	1.31	1.25	1.34	1.26	1.14	1.30	502	1.21	1.13	1.29	1.14	1.06	1.23	359	BW
10	1.30	1.23	1.34	1.28	1.16	1.31	513	1.20	1.11	1.33	1.11	1.04	1.23	359	NE
11	1.29	1.24	1.34	1.26	1.16	1.30	517	1.28	1.15	1.37	1.16	1.07	1.24	358	NE
12	1.29	1.23	1.34	1.25	1.18	1.31	529	1.28	1.04	1.34	1.15	1.03	1.24	355	BW
13	1.29	1.20	1.35	1.26	1.16	1.31	529	1.07	1.02	1.16	1.12	1.06	1.21	352	BW
14	1.28	1.24	1.35	1.26	1.11	1.32	516	1.09	1.03	1.16	1.15	1.09	1.25	354	BW
15	1.31	1.25	1.37	1.27	1.18	1.32	513	1.10	1.02	1.23	1.15	1.06	1.26	354	BW
16	1.33	1.26	1.43	1.29	1.21	1.38	505	1.09	1.00	1.19	1.16	1.06	1.25	354	BW
17	1.32	1.27	1.39	1.27	1.20	1.35	502	1.13	1.09	1.21	1.17	1.13	1.25	357	NE
18	1.34	1.26	1.40	1.29	1.21	1.35	502	1.11	1.10	1.23	1.16	1.12	1.28	357	NE
19	1.37	1.31	1.41	1.32	1.20	1.36	512	1.14	1.12	1.20	1.19	1.13	1.27	356	NE
20	1.38	1.28	1.41	1.33	1.20	1.36	516	1.17	1.07	1.23	1.20	1.11	1.26	356	NE
21	1.34	1.31	1.40	1.30	1.20	1.35	539	1.16	1.07	1.22	1.22	1.11	1.26	358	NE
22	1.37	1.26	1.46	1.31	1.20	1.41	539	1.10	0.99	1.22	1.19	1.06	1.30	358	NE
23	1.34	1.27	1.39	1.29	1.16	1.34	526	1.11	1.02	1.20	1.14	1.08	1.25	358	NE
24	1.29	1.28	1.37	1.23	1.16	1.32	528	1.11	1.09	1.20	1.18	1.13	1.26	359	NE
25	1.35	1.26	1.40	1.29	1.18	1.35	538	1.12	1.07	1.23	1.17	1.11	1.29	359	NE
26	1.38	1.31	1.42	1.32	1.23	1.36	547	1.17	1.10	1.24	1.20	1.12	1.29	357	BW
27	1.31	1.28	1.39	1.27	1.20	1.35	548	1.09	0.97	1.26	1.19	1.03	1.32	353	TW
28	1.34	1.30	1.44	1.30	1.17	1.38	520	0.98	0.94	1.18	1.06	1.02	1.26	349	TW
29	1.19	1.12	1.36	1.29	1.18	1.32	520	1.09	0.98	1.22	1.16	1.05	1.27	350	TW
Average	**1.34**	**1.28**	**1.40**	**1.30**	**1.20**	**1.36**	**520**	**1.17**	**1.10**	**1.27**	**1.18**	**1.10**	**1.28**	**355**	

DISTRIBUTION SYSTEM CHLORINE RESIDUALS - St. Vincent Station & Nelson Station

Date	AIT-101 St Vincent	AIT-101 St Vincent	AIT-101 St Vincent	AIT-102 St Vincent	AIT-102 St Vincent	AIT-102 St Vincent	Total Flow St Vincent	AIT-3009 Nelson	AIT-3009 Nelson	AIT-3009 Nelson	AIT-3016 Nelson	AIT-3016 Nelson	AIT-3016 Nelson	Total Flow Nelson	Initial
March	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)		**Actual**	**MIN** (mg/L)	**MAX** (mg/L)	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)		
2024															
1	1.19	1.16	1.27	1.28	1.20	1.37	527	1.14	0.97	1.14	1.15	1.07	1.27	350	TW
2	1.20	1.15	1.24	1.28	1.18	1.34	535	1.08	0.99	1.15	1.16	1.09	1.26	356	NE
3	1.19	1.16	1.23	1.28	1.21	1.34	525	1.03	0.97	1.14	1.13	1.08	1.24	362	NE
4	1.17	1.14	1.21	1.26	1.17	1.32	546	1.14	0.95	1.17	1.15	1.02	1.24	362	TW
5	1.16	1.12	1.20	1.24	1.17	1.30	546	1.00	0.97	1.20	1.08	0.99	1.20	352	TW
6	1.17	1.07	1.23	1.26	1.12	1.33	529	1.05	0.94	1.21	1.10	0.98	1.25	346	TW
7	1.15	1.12	1.27	1.24	1.09	1.28	510	0.99	0.95	1.12	1.07	1.01	1.20	351	TW
8	1.23	1.20	1.30	1.20	1.10	1.27	514	1.04	0.94	1.13	1.09	1.00	1.19	355	TW
9	1.25	1.21	1.35	1.23	1.18	1.32	506	0.97	0.92	1.16	1.08	0.98	1.22	355	NE
10	1.28	1.23	1.33	1.27	1.20	1.32	494	1.06	0.94	1.17	1.12	0.99	1.25	354	NE
11	1.25	1.22	1.32	1.26	1.16	1.32	514	1.08	0.97	1.18	1.12	1.02	1.23	361	TW
12	1.28	1.19	1.38	1.27	1.20	1.38	521	1.13	0.95	1.25	1.15	0.99	1.28	358	TW
13	1.25	1.21	1.34	1.25	1.20	1.35	521	1.09	0.96	1.22	1.16	1.00	1.27	358	TW
14	1.32	1.21	1.36	1.31	1.15	1.34	515	1.10	0.94	1.25	1.18	0.97	1.30	352	TW
15	1.33	1.25	1.35	1.31	1.19	1.34	518	1.19	0.97	1.20	1.22	1.02	1.27	357	NE
16	1.26	1.25	1.35	1.25	1.12	1.33	520	1.11	1.00	1.21	1.12	1.03	1.27	361	NE
17	1.30	1.25	1.37	1.29	1.16	1.35	531	1.13	1.00	1.23	1.13	1.00	1.23	360	NE
18	1.27	1.26	1.37	1.27	1.18	1.35	531	1.17	1.02	1.24	1.14	1.02	1.24	363	TW
19	1.31	1.22	1.43	1.31	1.21	1.42	508	1.12	1.01	1.27	1.18	1.01	1.27	372	TW
20	1.29	1.27	1.37	1.29	1.19	1.36	508	1.15	0.92		1.13	1.07	1.23	361	TW
21	1.33	1.24	1.42	1.30	1.23	1.42	517	1.42	1.15	1.42	1.20	1.08	1.44	363	TW
22	1.34	1.27	1.36	1.33	1.22	1.35	514	1.42	1.26	1.52	1.39	1.28	1.48	361	TW
23	1.30	1.24	1.33	1.28	1.18	1.33	527	1.46	1.33	1.56	1.33	1.26	1.46	358	TW
24	1.27	1.26	1.33	1.26	1.18	1.32	555	1.48	1.38	1.58	1.32	1.21	1.41	360	TW
25	1.28	1.21	1.32	1.27	1.14	1.31	547	1.48	1.16	1.55	1.31	1.21	1.42	372	TW
26	1.27	1.23	1.36	1.24	1.16	1.35	512	1.23	1.15	1.35	1.27	1.19	1.39	366	TW
27	1.22	1.21	1.28	1.22	1.18	1.28	518	1.25	1.15	1.32	1.28	1.13	1.34	358	TW
28	1.22	1.16	1.39	1.23	1.14	1.38	524	1.33	1.11	1.33	1.21	1.13	1.35	359	TW
29	1.22	1.16	1.34	1.22	1.13	1.34	520	1.12	1.12	1.26	1.17	1.14	1.30	359	TW
30	1.22	1.16	1.28	1.21	1.08	1.27	530	1.19	1.10	1.25	1.25	1.12	1.29	363	TW
31	1.21	1.18	1.29	1.20	1.16	1.29	525	1.15	1.08	1.25	1.20	1.11	1.29	369	TW
Average	**1.25**	**1.20**	**1.32**	**1.26**	**1.17**	**1.33**	**522.84**	**1.17**	**1.04**	**~~1.27~~**	**1.18**	**1.07**	**1.29**	**359.16**	

DISTRIBUTION SYSTEM CHLORINE RESIDUALS - St. Vincent Station & Nelson Station

Date	AIT-101 St Vincent	AIT-101 St Vincent	AIT-101 St Vincent	AIT-102 St Vincent	AIT-102 St Vincent	AIT-102 St Vincent	Total Flow St Vincent	AIT-3009 Nelson	AIT-3009 Nelson	AIT-3009 Nelson	AIT-3016 Nelson	AIT-3016 Nelson	AIT-3016 Nelson	Total Flow Nelson	Initial
April	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)		**Actual**	**MIN** (mg/L)	**MAX** (mg/L)	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)		
2024															
1	1.22	1.15	1.42	1.20	1.12	1.41	525	1.23	1.06	1.30	1.24	1.08	1.33	365	TW
2	1.23	1.18	1.28	1.25	1.08	1.27	572	1.14	1.06	1.28	1.20	1.09	1.30	375	BW
3	1.19	1.13	1.24	1.17	1.13	1.22	509	1.08	1.05	1.23	1.14	1.07	1.26	363	BW
4	1.20	1.13	1.22	1.18	1.07	1.20	518	1.12	1.03	1.21	1.14	1.06	1.27	362	BW
5	1.15	1.07	1.21	1.14	1.03	1.18	492	1.12	1.00	1.20	1.14	1.03	1.24	362	BW
6	1.12	1.08	1.25	1.10	1.03	1.24	492	1.06	0.99	1.21	1.14	1.02	1.23	363	BW
7	1.22	1.17	1.35	1.20	1.17	1.34	485	1.18	1.01	1.27	1.20	1.03	1.30	373	BW
8	1.30	1.21	1.36	1.28	1.18	1.34	485	1.19	0.99	1.32	1.22	1.02	1.36	374	NE
9	1.29	1.23	1.36	1.27	1.15	1.34	494	1.13	0.97	1.39	1.24	1.01	1.40	361	NE
10	1.33	1.24	1.36	1.31	1.22	1.35	637	1.15	1.03	1.30	1.22	1.11	1.34	364	NE
11	1.28	1.23	1.35	1.27	1.24	1.53	637	1.16	1.01	1.33	1.21	1.06	1.35	369	BW
12	1.30	1.25	1.33	1.29	1.15	1.34	553	1.11	1.02	1.21	1.15	1.06	1.27	363	TW
13	1.26	1.22	1.32	1.20	1.12	1.27	470	1.06	0.98	1.17	1.10	1.03	1.22	369	NE
14	1.24	1.17	1.42	1.16	1.10	1.30	490	1.04	0.94	1.15	1.00	1.00	1.21	370	NE
15	1.38	1.30	1.43	1.26	1.22	1.41	507	1.01	0.91	1.25	1.04	0.96	1.28	382	TW
16	1.31	1.28	1.42	1.28	1.17	1.38	477	1.16	0.98	1.23	1.11	1.04	1.28	370	TW
17	1.34	1.30	1.41	1.31	1.18	1.38	477	1.15	1.01	1.24	1.18	1.04	1.29	367	TW
18	1.34	1.28	1.40	1.30	1.14	1.36	419	1.09	0.98	1.21	1.13	1.03	1.26	360	TW
19	1.21	1.16	1.33	1.16	1.07	1.28	419	1.05	0.95	1.12	1.07	0.99	1.20	365	TW
20	1.18	1.09	1.29	1.14	1.05	1.26	417	0.98	0.85	1.16	1.00	0.89	1.19	370	TW
21	1.18	1.08	1.36	1.14	1.04	1.32	424	1.00	0.89	1.11	1.04	0.92	1.16	373	TW
22	1.19	0.91	1.27	1.14	0.87	1.23	444	1.10	0.87	1.15	1.17	0.91	1.19	380	TW
23	1.01	0.93	1.11	1.01	0.88	1.11	412	1.08	0.86	1.60	1.19	0.90	3.76	367	TW
24	1.02	0.98	1.11	1.03	0.97	1.12	415	1.01	0.94	1.12	1.05	0.95	1.19	360	TW
25	1.05	1.00	1.27	1.07	0.94	1.36	418	0.95	0.89	1.93	0.97	0.93	2.26	372	TW
26	1.15	1.10	1.21	1.24	1.17	1.29	418	0.96	0.90	1.12	1.01	0.95	1.18	374	TW
27	1.13	1.09	1.19	1.22	1.15	1.27	419	1.00	0.86	2.02	1.06	0.93	1.86	375	TW
28	1.12	1.04	1.15	1.19	1.06	1.24	428	1.00	0.85	2.45	1.04	0.92	2.22	377	TW
29	1.13	1.06	1.18	1.21	0.94	1.23	428	1.04	0.86	1.46	1.03	0.90	1.17	375	BW
30	1.08	1.02	1.17	1.04	1.01	1.14	415	0.99	0.88	1.61	1.03	0.92	1.48	376	BW
Average	**1.21**	**1.14**	**1.29**	**1.19**	**1.09**	**1.29**	**476.53**	**1.08**	**0.95**	**~~1.32~~**	**1.12**	**1.00**	**~~1.35~~**	**369.20**	

DISTRIBUTION SYSTEM CHLORINE RESIDUALS - St. Vincent Station & Nelson Station

Date	AIT-101 St Vincent	AIT-101 St Vincent	AIT-101 St Vincent	AIT-102 St Vincent	AIT-102 St Vincent	AIT-102 St Vincent	Total Flow St Vincent	AIT-3009 Nelson	AIT-3009 Nelson	AIT-3009 Nelson	AIT-3016 Nelson	AIT-3016 Nelson	AIT-3016 Nelson	Total Flow Nelson	Initial
May	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)		**Actual**	**MIN** (mg/L)	**MAX** (mg/L)	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)		
2024															
1	1.06	1.02	1.21	1.04	0.97	1.19	425	1.01	0.82	1.08	1.05	0.92	2.44	376	BW
2	1.08	0.90	1.23	1.06	0.89	1.27	431	0.99	0.71	2.08	1.02	0.80	1.62	379	BW
3	1.03	1.01	1.23	1.05	0.97	1.27	419	1.11	0.97	1.16	1.10	0.99	1.18	378	BW
4	1.01	0.99	1.10	1.03	0.94	1.12	438	1.01	0.92	1.13	1.03	0.93	1.16	373	BW
5	1.02	0.98	1.10	1.04	0.97	1.12	450	0.99	0.93	1.12	1.03	0.96	1.16	385	BW
6	1.05	0.99	1.11	1.07	0.96	1.13	450	0.98	0.90	1.09	1.02	0.93	1.14	386	NE
7	1.00	0.94	1.18	1.02	0.95	1.20	443	0.99	0.79	1.68	1.02	0.89	1.53	386	EH
8	1.06	0.99	1.21	1.07	0.98	1.25	420	1.15	0.90	1.49	1.16	0.88	1.20	375	EH
9	1.06	0.97	1.12	1.08	0.99	1.15	420	0.97	0.90	1.19	1.00	0.94	1.22	380	NE
10	1.06	1.00	1.28	1.09	0.97	1.32	424	0.99	0.91	1.13	1.02	0.97	1.17	365	TW
11	1.00	0.98	1.11	1.03	0.93	1.14	427	0.99	0.86	1.65	1.04	0.91	1.51	362	NE
12	0.96	0.96	1.08	0.98	0.91	1.10	429	0.98	0.91	1.09	1.01	0.92	1.13	378	NE
13	0.98	0.97	1.28	1.01	0.97	1.20	442	0.95	0.72	1.84	0.99	0.82	2.78	378	TW
14	0.99	0.97	1.23	1.06	0.91	1.15	443	0.93	0.69	1.50	0.98	0.74	1.40	379	TW
15	1.09	1.05	1.25	1.02	0.94	1.17	421	1.01	0.92	1.13	1.05	0.95	1.16	379	EV
16	1.12	1.05	1.16	1.03	0.92	1.08	443	1.00	0.88	1.44	1.06	0.75	1.16	378	EV
17	1.06	1.04	1.18	0.97	0.95	1.09	443	1.02	0.87	1.68	1.02	0.92	1.93	381	TW
18	1.11	1.06	1.21	1.04	0.99	1.14	462	1.01	0.88	1.62	1.03	0.90	1.14	381	TW
19	1.14	1.09	1.22	1.09	0.97	1.16	482	1.33	0.63	3.96	1.03	0.76	1.71	376	TW
20	1.15	1.04	1.21	1.11	1.01	1.15	487	0.93	0.92	1.12	0.98	0.96	1.17	400	TW
21	1.15	1.05	1.22	1.09	0.97	1.18	487	1.04	0.82	1.34	1.09	0.91	1.94	400	TW
22	1.03	1.01	1.14	1.01	0.95	1.12	460	0.99	0.82	1.52	1.02	0.93	1.71	374	TW
23	0.97	0.94	1.23	0.96	0.94	1.23	466	0.96	0.86	2.29	1.00	0.91	2.46	379	TW
24	1.20	1.08	1.21	1.19	1.06	1.21	466	1.00	0.80	2.34	1.04	0.93	1.92	379	TW
25	1.06	1.05	1.15	1.07	1.02	1.16	458	1.00	0.84	1.50	1.03	0.87	1.11	373	TW
26	1.08	1.02	1.12	1.10	1.02	1.15	456	0.92	0.82	3.21	0.98	0.85	1.16	371	TW
27	1.03	0.98	1.11	1.07	0.92	1.14	453	0.96	0.80	2.34	0.98	0.85	2.71	371	EV
28	0.98	0.96	1.17	1.02	0.99	1.23	453	0.92	0.58	1.40	0.95	0.70	1.69	364	EV
29	1.10	1.04	1.17	1.15	1.11	1.25	454	0.98	0.89	1.11	1.01	0.93	1.15	367	EV
30	1.06	1.00	1.14	1.14	1.02	1.21	456	0.98	0.89	1.08	1.02	0.93	1.12	374	EV
31	1.02	1.00	1.12	1.10	1.02	1.20	461	0.97	0.83	1.79	0.99	0.89	1.73	374	EV
Average	**1.06**	**1.00**	**1.18**	**1.06**	**0.97**	**1.18**	**447.39**	**1.00**	**0.84**	**1.62**	**1.02**	**0.89**	**1.54**	**377.45**	

DISTRIBUTION SYSTEM CHLORINE RESIDUALS - St. Vincent Station & Nelson Station

Date	AIT-101 St Vincent	AIT-101 St Vincent	AIT-101 St Vincent	AIT-102 St Vincent	AIT-102 St Vincent	AIT-102 St Vincent	Total Flow St Vincent	AIT-3009 Nelson	AIT-3009 Nelson	AIT-3009 Nelson	AIT-3016 Nelson	AIT-3016 Nelson	AIT-3016 Nelson	Total Flow Nelson	Initial
June	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)		**Actual**	**MIN** (mg/L)	**MAX** (mg/L)	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)		
2024															
1	0.97	0.96	1.12	1.08	1.05	1.24	506	0.96	0.79	1.71	1.00	0.89	1.53	392	BW
2	1.00	0.98	1.10	1.12	1.08	1.22	506	0.97	0.84	1.34	1.01	0.88	1.11	392	BW
3	0.95	0.94	1.20	1.08	1.00	1.20	475	0.98	0.81	1.54	0.98	0.84	1.09	376	EV
4	1.05	1.02	1.15	1.08	0.98	1.18	481	0.98	0.49	2.16	1.02	0.71	2.18	374	EV
5	1.06	1.00	1.16	1.12	1.06	1.22	481	0.96	0.83	2.17	0.97	0.85	1.50	382	EV
6	0.96	0.93	1.10	1.06	0.97	1.12	455	0.99	0.79	1.70	1.01	0.84	2.12	382	EV
7	1.00	0.99	1.15	1.03	1.02	1.17	455	1.06	0.89	1.19	1.15	1.02	1.29	370	EV
8	1.10	1.02	1.15	1.12	0.96	1.17	456	1.02	0.95	1.17	1.12	1.05	1.27	370	NE
9	1.04	0.99	1.12	1.08	1.02	1.15	465	1.01	0.90	1.14	1.11	0.97	1.25	378	NE
10	0.92	0.91	1.08	0.99	0.93	1.13	469	0.98	0.89	1.12	1.07	0.94	1.22	378	EV
11	0.95	0.92	1.05	1.03	0.97	1.15	478	1.00	0.86	1.15	1.11	0.97	1.25	389	TW
12	0.96	0.93	1.04	1.06	0.96	1.15	497	1.02	0.85	1.16	1.15	0.99	1.27	389	TW
13	0.97	0.92	1.14	1.10	1.02	1.17	497	1.06	0.88	1.14	1.18	0.87	1.29	385	TW
14	1.03	0.95	1.16	1.07	0.99	1.22	460	1.06	0.44	2.77	0.98	0.69	2.43	376	TW
15	1.04	0.97	1.15	1.10	1.03	1.21	460	1.05	0.87	1.80	0.96	0.80	1.06	393	TW
16	1.05	0.96	1.10	1.11	0.98	1.15	535	1.00	0.87	2.71	0.92	0.83	2.80	413	TW
17	0.93	0.89	1.05	1.03	0.98	1.13	535	1.01	0.52	2.27	0.93	0.78	2.30	413	EV
18	0.92	0.81	1.00	1.06	0.94	1.13	480	0.91	0.42	1.83	1.02	0.62	2.22	394	EV
19	0.90	0.85	1.39	1.08	1.02	1.63	501	0.96	0.43	1.38	1.08	0.68	2.78	426	EV
20	1.82	1.21	1.83	1.48	1.18	1.58	501	1.40	1.04	1.59	1.33	1.11	1.57	426	EV
21	1.24	1.20	1.50	1.08	0.99	1.29	473	1.17	1.07	1.40	1.10	0.98	1.31	398	EV
22	1.30	1.16	1.44	1.11	0.96	1.23	455	1.19	1.01	1.31	1.14	0.97	1.22	397	EV
23	1.16	1.13	1.33	0.97	0.94	1.11	435	1.01	0.95	1.17	1.00	0.95	1.17	401	EV
24	1.15	0.98	1.30	0.94	0.92	1.26	460	1.11	0.87	1.46	1.00	0.85	1.33	401	TW
25	1.25	1.13	1.32	1.20	1.07	1.27	460	1.32	0.98	1.49	1.17	0.96	1.35	393	BW
26	1.10	0.97	1.16	1.12	0.97	1.18	442	1.15	0.73	1.31	1.18	0.90	1.29	388	BW
27	0.97	0.92	1.21	0.97	0.92	1.20	442	1.05	0.92	1.31	1.03	0.85	1.17	378	BW
28	1.11	1.08	1.21	1.10	1.03	1.21	455	1.28	1.00	1.33	1.11	0.92	1.19	378	EV
29	1.04	0.99	1.20	1.04	1.01	1.22	455	1.14	0.93	1.32	1.10	0.93	1.25	378	BW
30	1.00	0.99	1.13	1.01	0.98	1.13	443	1.03	0.91	1.31	1.00	0.93	1.19	378	BW
Average	**1.06**	**0.99**	**1.20**	**1.08**	**1.00**	**1.21**	**473.77**	**1.06**	**0.82**	**1.55**	**1.06**	**0.89**	**1.53**	**389.60**	

DISTRIBUTION SYSTEM CHLORINE RESIDUALS - St. Vincent Station & Nelson Station

Date	AIT-101 St Vincent	AIT-101 St Vincent	AIT-101 St Vincent	AIT-102 St Vincent	AIT-102 St Vincent	AIT-102 St Vincent	Total Flow St Vincent	AIT-3009 Nelson	AIT-3009 Nelson	AIT-3009 Nelson	AIT-3016 Nelson	AIT-3016 Nelson	AIT-3016 Nelson	Total Flow Nelson	Initial
July	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)		**Actual**	**MIN** (mg/L)	**MAX** (mg/L)	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)		
2024															
1	1.02	1.01	1.26	1.02	1.01	1.27	474	1.21	0.74	1.42	1.09	0.82	1.34	395	BW
2	1.12	1.03	1.24	1.11	1.00	1.25	477	1.06	0.66	1.26	1.14	0.79	1.71	395	EV
3	1.06	1.01	1.24	1.06	0.99	1.24	477	0.92	0.50	1.19	1.05	0.85	1.42	380	BW
4	1.17	1.01	1.26	1.14	1.00	1.25	450	1.05	0.85	1.17	1.13	0.97	1.25	374	NE
5	1.02	1.02	1.40	1.03	0.93	1.36	450	0.95	0.91	1.38	1.04	0.96	1.41	383	TW
6	1.29	1.00	1.41	1.27	0.97	1.36	470	1.19	1.01	1.33	1.09	1.03	1.39	383	NE
7	0.99	0.94	1.26	0.97	0.92	1.23	481	0.97	0.91	1.31	1.01	0.95	1.34	403	NE
8	1.06	1.08	1.36	1.10	1.05	1.33	498	1.14	0.50	1.55	1.14	0.81	1.39	404	TW
9	1.14	1.14	1.25	1.14	1.11	1.27	498	1.09	0.57	1.28	1.11	0.86	1.27	384	TW
10	1.08	1.04	1.23	1.09	1.04	1.24	453	1.11	0.29	1.28	1.12	0.73	1.42	358	TW
11	1.12	0.99	1.23	1.14	1.01	1.25	431	1.08	0.51	1.28	1.11	0.78	1.80	378	TW
12	0.87	0.86	1.07	0.88	0.83	1.08	432	1.02	0.93	1.41	0.91	0.85	1.15	380	TW
13	0.98	0.87	1.09	0.99	0.86	1.09	446	0.97	0.89	1.21	0.95	0.91	1.22	396	TW
14	1.09	0.88	1.11	1.10	0.87	1.11	464	1.28	0.68	1.45	1.20	0.84	1.27	396	TW
15	0.85	0.77	1.12	0.82	0.75	1.18	483	0.84	0.33	1.22	0.97	0.67	1.67	388	EV
16	1.01	0.92	1.21	1.05	0.96	1.26	483	0.87	0.27	1.26	0.95	0.56	1.94	368	EV
17	1.04	0.98	1.17	1.09	0.97	1.23	449	1.05	0.64	1.29	1.05	0.78	1.64	373	EV
18	1.19	0.97	1.30	1.19	0.99	1.30	449	1.15	0.68	1.40	1.08	0.78	1.58	371	EV
19	1.11	1.07	1.24	1.09	1.03	1.23	465	1.06	0.76	1.36	1.00	0.79	1.84	375	EV
20	1.11	1.00	1.19	1.08	0.96	1.17	481	1.24	0.84	1.45	1.17	0.86	1.24	382	TW
21	1.02	0.99	1.18	1.00	0.96	1.14	494	1.15	0.96	1.36	1.06	0.95	1.25	398	TW
22	0.96	0.91	2.74	0.91	0.87	1.67	494	1.05	0.62	1.34	0.97	0.75	1.90	404	BW
23	1.13	1.09	1.24	1.23	1.16	1.36	490	1.00	0.61	1.15	1.08	0.73	1.94	386	BW
24	1.11	1.05	1.20	1.32	1.21	1.47	478	0.87	0.51	1.17	0.99	0.70	1.87	377	BW
25	1.22	1.11	1.27	1.29	1.20	1.50	471	1.06	0.74	1.25	1.19	0.82	1.49	392	BW
26	1.12	1.08	1.24	1.20	1.14	1.35	481	1.01	0.59	1.59	1.04	0.66	1.78	396	BW
27	1.17	1.02	1.20	1.29	1.11	1.32	500	1.03	0.85	1.25	1.08	0.93	1.29	403	BW
28	1.03	0.97	1.16	1.11	1.04	1.30	502	0.96	0.75	1.26	1.09	0.86	1.41	406	BW
29	1.04	0.99	1.25	1.14	1.09	1.25	519	0.97	0.42	1.25	1.02	0.58	1.70	418	NE
30	1.08	1.05	1.18	1.04	1.01	1.23	519	0.79	0.28	1.11	0.98	0.44	1.71	381	NE
31	1.02	0.94	1.17	0.99	0.91	1.17	441	0.83	0.46	1.35	0.99	0.82	1.50	381	TW
Average	**1.07**	**0.99**	**1.27**	**1.09**	**1.00**	**1.27**	**474.19**	**1.03**	**0.65**	**1.31**	**1.06**	**0.80**	**1.52**	**387.35**	

DISTRIBUTION SYSTEM CHLORINE RESIDUALS - St. Vincent Station & Nelson Station

Date	AIT-101 St Vincent	AIT-101 St Vincent	AIT-101 St Vincent	AIT-102 St Vincent	AIT-102 St Vincent	AIT-102 St Vincent	Total Flow St Vincent	AIT-3009 Nelson	AIT-3009 Nelson	AIT-3009 Nelson	AIT-3016 Nelson	AIT-3016 Nelson	AIT-3016 Nelson	Total Flow Nelson	Initial
August	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)		**Actual**	**MIN** (mg/L)	**MAX** (mg/L)	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)		
2024															
1	1.12	1.04	1.30	1.11	1.04	1.41	463	1.09	0.39	1.36	1.18	0.74	1.66	380	EV
2	1.13	1.07	1.23	1.15	1.10	1.32	463	1.04	0.46	1.21	1.15	0.62	1.93	381	NE
3	1.04	1.01	1.18	1.05	1.02	1.23	513	0.94	0.81	1.19	1.07	0.94	1.31	400	NE
4	1.04	1.03	1.22	1.05	1.05	1.28	513	1.19	0.77	1.31	1.26	0.88	1.37	402	NE
5	1.05	0.98	1.19	1.06	0.97	1.24	488	1.04	0.92	1.28	1.12	1.02	1.35	375	NE
6	0.92	0.91	1.08	0.92	0.90	1.12	457	0.97	0.46	1.27	1.01	0.82	1.30	380	TW
7	0.89	0.84	0.98	0.90	0.84	1.05	458	0.92	0.56	1.28	1.08	0.69	2.09	373	TW
8	0.88	0.87	1.14	0.92	0.91	1.09	458	0.97	0.49	1.31	1.00	0.64	1.99	380	TW
9	1.01	0.78	1.10	0.97	0.73	1.05	467	0.95	0.60	1.25	1.08	0.75	1.86	399	TW
10	0.81	0.75	0.97	0.76	0.70	0.94	467	0.92	0.73	1.26	0.95	0.81	1.28	403	TW
11	0.90	0.83	0.97	0.86	0.78	0.94	441	0.86	0.80	1.43	0.94	0.86	1.24	388	TW
12	0.88	0.81	1.19	0.82	0.76	1.29	475	0.82	0.74	1.35	0.90	0.80	1.78	393	EV
13	1.06	1.04	1.27	1.14	1.03	1.33	481	0.78	0.62	1.43	0.92	0.70	1.97	399	EV
14	1.13	1.05	1.24	1.17	1.07	1.32	481	1.19	0.67	1.41	1.19	0.81	1.63	420	EV
15	1.07	1.00	1.19	1.07	1.00	1.25	486	0.95	0.70	1.67	1.10	0.78	1.61	402	EV
16	1.06	0.97	1.19	1.06	0.94	1.21	486	0.75	0.61	1.27	0.88	0.69	1.85	397	EV
17	1.04	0.94	1.23	1.02	0.90	1.24	452	0.97	0.84	1.29	1.01	0.91	1.40	396	EV
18	1.09	1.08	1.31	1.08	1.07	1.35	448	1.10	0.89	1.29	1.20	1.03	1.45	392	EV
19	1.09	1.01	1.25	1.10	1.04	1.28	484	1.04	0.89	1.27	1.05	0.92	1.31	389	EV
20	0.98	0.96	1.30	1.02	0.99	1.41	484	0.86	0.75	1.45	0.90	0.80	1.77	384	NE
21	1.21	1.17	1.42	1.30	1.26	1.52	465	0.84	0.68	1.58	1.04	0.74	1.96	402	BW
22	1.15	1.06	1.32	1.23	1.11	1.44	469	1.00	0.76	1.53	1.23	0.83	1.70	388	EV
23	1.04	0.98	1.12	1.07	0.99	1.17	473	0.97	0.73	1.55	1.13	0.78	1.84	396	BW
24	0.94	0.90	1.06	0.95	0.93	1.10	473	1.07	0.77	1.65	1.06	0.86	1.67	383	BW
25	0.94	0.91	1.04	0.95	0.92	1.10	522	1.01	0.69	1.16	0.96	0.75	1.59	399	BW
26	0.99	0.87	1.12	1.01	0.90	1.16	522	1.02	0.67	1.84	1.03	0.76	1.93	403	NE
27	0.89	0.88	1.08	0.91	0.87	1.13	498	0.63	0.58	1.10	1.09	0.68	1.95	387	NE
28	0.91	0.84	1.05	0.91	0.81	1.08	469	0.53	0.53	1.09	0.66	0.64	2.04	376	NE
29	0.85	0.81	1.02	0.85	0.81	1.05	447	0.86	0.70	1.26	0.94	0.76	1.85	393	NE
30	0.84	0.79	0.99	0.86	0.77	1.06	447	0.87	0.66	1.19	0.91	0.71	1.97	384	NE
31	0.74	0.71	0.94	0.76	0.71	1.01	439	1.28	0.53	2.02	0.96	0.69	1.99	367	NE
Average	**0.99**	**0.93**	**1.15**	**1.00**	**0.93**	**1.20**	**473.84**	**0.95**	**0.68**	**1.37**	**1.03**	**0.79**	**1.70**	**390.68**	

DISTRIBUTION SYSTEM CHLORINE RESIDUALS - St. Vincent Station & Nelson Station

Date	AIT-101 St Vincent	AIT-101 St Vincent	AIT-101 St Vincent	AIT-102 St Vincent	AIT-102 St Vincent	AIT-102 St Vincent	Total Flow St Vincent	AIT-3009 Nelson	AIT-3009 Nelson	AIT-3009 Nelson	AIT-3016 Nelson	AIT-3016 Nelson	AIT-3016 Nelson	Total Flow Nelson	Initial
September	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)		**Actual**	**MIN** (mg/L)	**MAX** (mg/L)	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)		
2024															
1	0.77	0.75	0.90	0.78	0.76	0.93	446	0.92	0.84	1.43	0.92	0.74	2.08	392	NE
2	0.79	0.78	0.98	0.80	0.78	0.99	481	1.01	0.74	1.40	1.01	0.80	1.35	402	NE
3	0.89	0.85	1.04	0.85	0.82	1.05	492	0.99	0.76	2.70	0.98	0.78	1.70	387	EV
4	0.92	0.86	1.11	0.87	0.84	1.14	492	1.00	0.60	2.03	1.67	0.74	1.89	382	EV
5	0.93	0.88	1.11	0.90	0.86	1.08	474	1.00	0.63	1.49	0.99	0.76	1.81	387	EV
6	0.90	0.87	1.15	0.86	0.84	1.16	474	0.95	0.52	1.20	0.96	0.70	1.96	376	EV
7	0.91	0.82	1.07	0.91	0.80	1.11	447	0.90	0.81	2.51	0.93	0.87	1.63	386	EV
8	0.89	0.88	1.09	0.83	0.82	1.08	441	0.86	0.72	1.96	0.96	0.83	2.00	382	EV
9	1.02	0.89	1.20	0.97	0.86	1.23	444	0.76	0.68	1.94	0.95	0.79	1.90	386	BW
10	0.97	0.88	1.16	0.96	0.88	1.18	444	0.79	0.74	1.26	0.87	0.82	1.89	371	BW
11	1.08	0.95	1.16	1.11	0.96	1.18	450	0.93	0.77	1.29	0.98	0.84	1.74	387	BW
12	1.08	0.95	1.19	1.15	1.00	1.26	456	0.91	0.77	1.29	0.99	0.86	1.70	382	NE
13	0.99	0.97	1.14	1.05	1.02	1.21	459	0.98	0.79	1.28	1.07	0.88	1.39	396	BW
14	0.99	0.96	1.10	1.04	1.01	1.18	469	1.03	0.84	1.25	1.08	0.91	1.28	388	BW
15	1.00	0.97	1.10	1.03	1.01	1.17	485	1.10	0.75	1.19	1.16	0.88	1.42	402	BW
16	0.97	0.93	1.09	1.04	0.98	1.17	504	1.03	0.75	1.34	1.09	0.84	1.83	376	NE
17	1.02	0.97	1.10	1.04	0.98	1.13	477	1.01	0.77	1.26	1.06	0.90	1.92	402	NE
18	0.94	0.92	1.09	0.96	0.94	1.14	468	1.12	0.76	1.23	1.15	0.81	1.26	393	NE
19	1.00	0.97	1.17	1.03	0.97	1.25	481	1.05	0.68	1.20	1.07	0.83	1.63	390	NE
20	1.08	0.98	1.22	1.14	1.00	1.28	467	0.91	0.69	1.17	1.02	0.86	1.50	382	EV
21	1.05	0.98	1.13	1.09	1.02	1.20	466	0.92	0.61	1.19	1.16	0.78	1.25	385	NE
22	1.05	0.97	1.17	1.07	0.97	1.20	469	0.89	0.75	1.12	1.07	0.91	1.30	394	NE
23	1.04	0.96	1.21	1.05	0.96	1.22	456	0.97	0.63	1.32	1.05	0.72	2.00	386	EV
24	0.94	0.93	1.21	0.94	0.92	1.22	429	0.98	0.72	1.22	1.04	0.83	1.65	384	EV
25	0.99	0.89	1.12	0.96	0.86	1.12	434	0.93	0.67	1.17	1.02	0.79	1.87	387	BW
26	0.94	0.87	1.20	0.93	0.87	1.26	431	0.97	0.68	1.37	1.22	0.79	2.05	567	BW
27	1.12	1.00	1.20	1.18	1.03	1.27	447	1.09	0.75	1.28	1.12	0.81	1.85	400	EV
28	0.95	0.91	1.23	1.00	0.97	1.32	453	0.97	0.75	1.25	1.01	0.80	1.81	392	EV
29	0.93	0.89	1.22	0.97	0.96	1.29	476	1.00	0.72	1.19	1.17	0.81	1.93	413	EV
30	0.98	0.93	1.23	1.00	0.96	1.30	477	0.77	0.74	1.25	1.02	0.83	1.54	401	BW
Average	**0.97**	**0.91**	**1.14**	**0.98**	**0.92**	**1.18**	**462.97**	**0.96**	**0.72**	**1.43**	**1.06**	**0.82**	**1.70**	**395.27**	

DISTRIBUTION SYSTEM CHLORINE RESIDUALS - St. Vincent Station & Nelson Station

Date	AIT-101 St Vincent	AIT-101 St Vincent	AIT-101 St Vincent	AIT-102 St Vincent	AIT-102 St Vincent	AIT-102 St Vincent	Total Flow St Vincent	AIT-3009 Nelson	AIT-3009 Nelson	AIT-3009 Nelson	AIT-3016 Nelson	AIT-3016 Nelson	AIT-3016 Nelson	Total Flow Nelson	Initial
October	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)		**Actual**	**MIN** (mg/L)	**MAX** (mg/L)	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)		
2024															
1	1.00	0.96	1.16	1.05	1.01	1.20	425	0.79	0.70	1.25	0.94	0.83	1.86	385	BW
2	1.02	0.86	1.15	1.06	0.85	1.16	417	0.75	0.68	1.27	0.86	0.83	1.72	380	BW
3	0.92	0.87	1.19	0.93	0.86	1.23	426	1.09	0.75	1.25	1.21	0.87	1.27	384	BW
4	1.03	1.01	1.29	1.06	1.05	1.30	431	0.91	0.67	1.26	0.96	0.87	1.31	389	NE
5	1.10	1.01	1.29	1.14	1.04	1.32	426	0.89	0.72	1.29	0.95	0.85	1.34	385	NE
6	1.18	1.04	1.29	1.22	1.07	1.35	434	0.94	0.72	1.29	0.96	0.91	1.50	391	NE
7	1.07	1.04	1.32	1.12	1.05	1.30	436	1.07	0.74	1.28	1.19	0.90	1.29	390	NE
8	1.11	1.08	1.32	1.06	1.03	1.26	418	0.91	0.69	1.31	1.01	0.86	1.31	384	NE
9	1.12	1.10	1.38	1.10	1.08	1.35	441	0.91	0.71	1.34	0.94	0.91	1.37	368	NE
10	1.25	1.12	1.34	1.20	1.12	1.38	451	1.13	0.76	1.35	1.23	0.92	1.33	369	NE
11	1.09	1.05	1.23	1.16	1.12	1.33	431	1.02	0.76	1.32	1.04	0.90	1.29	379	NE
12	1.03	1.02	1.35	1.13	1.12	1.44	431	0.97	0.75	1.30	0.98	0.91	1.29	377	NE
13	1.14	1.08	1.36	1.18	1.12	1.47	434	1.17	0.77	1.27	1.00	0.89	1.30	377	NE
14	1.17	1.05	1.41	1.26	1.13	1.60	438	1.08	0.77	1.31	1.26	0.92	1.32	385	NE
15	1.15	1.10	1.40	1.26	1.22	1.53	438	0.89	0.72	1.19	1.00	0.90	1.32	370	BW
16	1.13	1.11	1.38	1.17	1.16	1.48	417	0.96	0.72	1.19	1.17	0.91	1.32	364	NE
17	1.24	1.08	1.37	1.34	1.14	1.48	424	0.86	0.71	1.25	0.96	0.88	1.35	366	EV
18	1.19	1.05	1.34	1.28	1.08	1.46	433	0.87	0.72	1.20	0.96	0.92	1.30	371	BW
19	1.12	1.10	1.28	1.17	1.13	1.42	425	0.94	0.70	1.14	1.13	0.85	1.22	370	EV
20	1.09	1.07	1.32	1.18	1.14	1.50	440	0.84	0.65	1.16	0.93	0.83	1.24	382	EV
21	1.19	1.04	1.24	1.27	1.00	1.40	444	0.86	0.65	1.13	0.95	0.88	1.34	376	BW
22	1.04	1.01	1.18	1.07	1.01	1.22	430	0.72	0.66	1.14	0.92	0.85	1.42	370	BW
23	1.09	0.99	1.19	1.10	1.00	1.23	418	0.87	0.65	1.15	0.99	0.83	1.62	361	BW
24	1.12	0.99	1.21	1.13	1.00	1.26	419	0.94	0.66	1.15	1.05	0.86	1.49	358	BW
25	1.10	1.02	1.19	1.11	0.98	1.25	409	0.79	0.66	1.09	0.92	0.84	1.56	367	EV
26	1.14	1.04	1.31	1.18	1.08	1.43	419	0.79	0.65	1.15	0.90	0.86	1.56	358	BW
27	1.10	1.07	1.33	1.12	1.09	1.44	428	0.83	0.67	1.16	1.05	0.87	1.40	376	BW
28	1.14	1.09	1.29	1.16	1.03	1.35	422	0.85	0.70	1.18	0.95	0.89	1.33	364	NE
29	1.16	1.13	1.37	1.17	1.14	1.45	423	1.00	0.73	1.33	1.14	0.81	1.38	608	NE
30	1.16	1.15	1.32	1.18	1.17	1.41	422	1.02	0.71	1.23	1.21	0.87	1.37	402	NE
31	1.18	1.17	1.34	1.24	1.22	1.41	415	0.94	0.73	1.28	1.03	0.94	1.29	393	NE
Average	**1.12**	**1.05**	**1.29**	**1.15**	**1.07**	**1.37**	**427.90**	**0.92**	**0.71**	**1.23**	**1.03**	**0.88**	**1.39**	**383.84**	

DISTRIBUTION SYSTEM CHLORINE RESIDUALS - St. Vincent Station & Nelson Station

Date	AIT-101 St Vincent	AIT-101 St Vincent	AIT-101 St Vincent	AIT-102 St Vincent	AIT-102 St Vincent	AIT-102 St Vincent	Total Flow St Vincent	AIT-3009 Nelson	AIT-3009 Nelson	AIT-3009 Nelson	AIT-3016 Nelson	AIT-3016 Nelson	AIT-3016 Nelson	Total Flow Nelson	Initial
November	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)		**Actual**	**MIN** (mg/L)	**MAX** (mg/L)	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)		
2024															
1	1.18	1.14	1.30	1.21	1.11	1.37	418	0.95	0.72	1.17	1.05	0.87	1.29	366	NE
2	1.24	1.16	1.37	1.25	1.19	1.42	431	0.96	0.70	1.16	1.03	0.88	1.29	368	NE
3	1.22	1.18	1.42	1.23	1.19	1.54	438	0.89	0.74	1.22	0.99	0.89	1.32	No Comms	NE
4	1.21	1.17	1.34	1.25	1.18	1.43	436	0.93	0.78	1.21	1.03	0.91	1.30	376	BW
5	1.27	1.19	1.36	1.33	1.19	1.45	417	1.00	0.78	1.21	1.08	0.93	1.31	355	BW
6	1.26	1.20	1.41	1.32	1.27	1.48	422	0.87	0.81	1.22	1.04	0.92	1.32	361	BW
7	1.16	1.08	1.36	1.18	1.11	1.43	431	0.89	0.80	1.26	0.99	0.94	1.32	363	BW
8	1.07	1.05	1.20	1.09	1.03	1.23	434	0.92	0.78	1.19	1.04	0.92	1.31	363	NE
9	1.10	1.02	1.25	1.09	0.96	1.29	446	0.97	0.79	1.17	1.28	0.92	1.28	364	NE
10	1.11	1.03	1.27	1.12	0.99	1.31	447	0.85	0.80	1.18	1.01	0.92	1.26	365	NE
11	1.11	1.05	1.20	1.12	1.06	1.25	429	0.97	0.78	1.17	1.04	0.91	1.23	360	NE
12	1.09	1.05	1.21	1.10	1.04	1.24	447	0.94	0.79	1.16	1.00	0.92	1.26	360	BW
13	1.12	1.08	1.27	1.14	1.01	1.32	433	0.88	0.81	1.30	0.96	0.70	1.40	412	EV
14	1.15	1.12	1.29	1.16	1.13	1.32	427	0.98	0.83	1.31	1.04	0.97	1.33	394	BW
15	1.20	1.13	1.32	1.24	1.06	1.36	429	1.05	0.87	1.34	1.30	0.99	1.43	400	BW
16	1.23	1.20	1.45	1.24	1.21	1.50	434	0.98	0.91	1.38	1.06	1.03	1.47	400	BW
17	1.27	1.25	1.46	1.29	1.28	1.51	443	1.04	0.99	1.46	1.12	1.06	1.54	413	BW
18	1.25	1.23	1.48	1.26	1.17	1.53	448	1.02	0.99	1.47	1.09	1.08	1.56	390	TN
19	1.25	1.20	1.42	1.29	1.12	1.47	429	1.05	0.97	1.25	1.12	1.07	1.31	363	TN
20	1.23	1.16	1.29	1.25	1.15	1.30	427	1.09	0.92	1.23	1.26	1.04	1.31	356	TN
21	1.27	1.16	1.34	1.28	1.15	1.36	423	1.00	0.91	1.25	1.07	1.04	1.34	358	TN
22	1.29	1.21	1.39	1.31	1.23	1.44	416	1.13	0.96	1.34	1.34	1.06	1.41	364	TN
23	1.33	1.25	1.40	1.36	1.26	1.45	431	1.03	1.00	1.33	1.09	1.08	1.41	361	NE
24	1.26	1.23	1.38	1.27	1.25	1.42	446	1.05	1.00	1.31	1.10	1.08	1.37	374	NE
25	1.29	1.22	1.35	1.30	1.23	1.37	435	1.07	0.99	1.29	1.12	1.09	1.36	362	TN
26	1.27	1.22	1.34	1.28	1.13	1.36	428	1.06	0.98	1.29	1.11	1.09	1.36	361	TN
27	1.30	1.22	1.36	1.31	1.20	1.38	430	1.07	0.98	1.31	1.12	1.07	1.38	360	TN
28	1.31	1.24	1.36	1.33	1.21	1.38	430	1.18	0.89	1.32	1.36	1.09	1.38	350	BW
29	1.28	1.25	1.37	1.27	1.17	1.40	426	0.98	0.88	1.22	1.16	1.08	1.39	359	NE
30	1.28	1.25	1.40	1.28	1.21	1.42	431	1.02	0.89	1.22	1.19	1.09	1.41	359	EV
Average	**1.22**	**1.16**	**1.35**	**1.24**	**1.15**	**1.39**	**432.07**	**0.99**	**0.87**	**1.26**	**1.11**	**0.99**	**1.36**	~~**370.24**~~	

DISTRIBUTION SYSTEM CHLORINE RESIDUALS - St. Vincent Station & Nelson Station

Date	AIT-101 St Vincent	AIT-101 St Vincent	AIT-101 St Vincent	AIT-102 St Vincent	AIT-102 St Vincent	AIT-102 St Vincent	Total Flow St Vincent	AIT-3009 Nelson	AIT-3009 Nelson	AIT-3009 Nelson	AIT-3016 Nelson	AIT-3016 Nelson	AIT-3016 Nelson	Total Flow Nelson	Initial
December	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)		**Actual**	**MIN** (mg/L)	**MAX** (mg/L)	**Actual**	**MIN** (mg/L)	**MAX** (mg/L)		
2024															
1	1.29	1.26	1.41	1.29	1.18	1.43	439	1.02	0.90	1.23	1.19	1.12	1.42	361	EV
2	1.30	1.28	1.43	1.29	1.27	1.45	419	1.04	0.93	1.24	1.19	1.05	1.41	362	TN
3	1.33	1.30	1.44	1.34	1.24	1.48	430	1.03	0.93	1.24	1.08	1.04	1.30	358	TN
4	1.26	1.26	1.43	1.27	1.19	1.45	423	1.03	0.92	1.23	1.09	1.02	1.28	362	TN
5	1.31	1.27	1.45	1.31	1.22	1.48	421	1.05	0.92	1.24	1.11	1.02	1.28	366	TN
6	1.30	1.24	1.38	1.29	1.20	1.41	428	1.04	0.91	1.19	1.09	1.01	1.26	360	TN
7	1.30	1.25	1.37	1.30	1.22	1.38	430	1.06	0.91	1.21	1.10	1.03	1.28	360	BW
8	1.29	1.26	1.38	1.30	1.22	1.40	449	1.06	0.93	1.23	1.09	1.01	1.27	375	BW
9	1.30	1.27	1.39	1.30	1.18	1.40	429	1.05	0.92	1.22	1.11	1.02	1.28	367	NE
10	1.33	1.27	1.40	1.34	1.25	1.42	431	1.04	0.92	1.23	1.10	1.03	1.30	365	TN
11	1.35	1.29	1.42	1.37	1.26	1.43	430	1.11	0.93	1.24	1.25	1.03	1.30	359	TN
12	1.35	1.28	1.43	1.35	1.25	1.45	427	1.08	0.94	1.26	1.13	1.03	1.30	364	NE
13	1.33	1.30	1.45	1.33	1.27	1.46	426	1.07	0.97	1.27	1.11	1.06	1.33	363	TN
14	1.37	1.33	1.46	1.38	1.34	1.49	445	1.09	0.98	1.29	1.13	1.07	1.34	358	NE
15	1.34	1.34	1.45	1.37	1.32	1.48	445	1.11	1.01	1.31	1.14	1.07	1.36	366	NE
16	1.44	1.34	1.50	1.48	1.34	1.53	438	1.22	1.00	1.33	1.23	1.09	1.40	360	TN
17	1.42	1.33	1.47	1.43	1.32	1.50	454	1.16	1.02	1.32	1.29	1.11	1.34	356	TN
18	1.32	1.28	1.43	1.34	1.18	1.45	443	1.11	0.98	1.26	1.16	1.06	1.33	359	TN
19	1.13	1.12	1.40	1.29	1.22	1.44	446	1.08	0.94	1.25	1.12	1.03	1.31	361	TN
20	1.13	1.08	1.24	1.29	1.19	1.42	436	1.06	0.93	1.25	1.10	1.02	1.29	360	TN
21	1.15	1.13	1.29	1.31	1.29	1.50	481	1.12	0.94	1.29	1.22	1.03	1.33	372	EV
22	1.18	1.16	1.33	1.35	1.32	1.54	449	1.13	1.00	1.31	1.16	1.09	1.33	368	EV
23	1.29	1.19	1.36	1.32	1.12	1.49	444	1.21	1.02	1.35	1.34	1.11	1.38	371	TN
24	1.22	1.22	1.33	1.27	1.25	1.38	454	1.20	1.06	1.35	1.23	1.15	1.38	369	BW
25	1.23	1.22	1.33	1.25	1.23	1.37	420	1.15	1.06	1.35	1.21	1.16	1.38	369	BW
26	1.21	1.20	1.33	1.24	1.19	1.37	435	1.17	1.04	1.33	1.23	1.15	1.38	368	BW
27	1.23	1.21	1.32	1.26	1.17	1.37	444	1.21	1.04	1.31	1.14	1.13	1.34	380	TN
28	1.20	1.16	1.31	1.22	1.15	1.35	445	1.13	1.03	1.30	1.17	1.11	1.35	367	EV
29	1.15	1.14	1.31	1.17	1.15	1.34	442	1.12	0.99	1.25	1.15	1.09	1.31	374	BW
30	1.19	1.16	1.30	1.22	1.15	1.33	454	1.14	1.00	1.26	1.17	1.08	1.31	371	NE
31	1.18	1.16	1.31	1.18	1.07	1.33	459	1.11	1.00	1.29	1.15	1.07	1.34	362	NE
Average	**1.27**	**1.24**	**1.38**	**1.30**	**1.22**	**1.43**	**439.23**	**1.10**	**0.97**	**1.27**	**1.16**	**1.07**	**1.33**	**364.94**	