WHITEHEAD ELTON

REGIONAL WATER CO-OPERATIVE

2025

ANNUAL REPORT

Board of Directors

President:
Ches Bollman

Vice President:
Trevor Tuttosi

Secretary Treasurer:
Shawna LeBlanc

Directors:
James Maxon
Cam Hales
Jeff Owens

Name of Public Water System:

Whitehead Elton Regional Water Co-operative Inc.

Name of Legal Owner:

Whitehead Elton Regional Water Co-operative Inc.

Contact Person: **Ralph Berg** Manager

(204) 729 6116 Cell

(204) 571 0910 Forrest Reservoir

(204) 752 2378 Water Treatment Plant

Contact Numbers:

Whitehead Elton Regional Water Co-operative Inc.

(204) 729 6116 Cell

(204) 752 2261 R.M. Of Whitehead

(204) 728 7834 R.M. Of Elton

Emergency Numbers:

Whitehead Elton Regional Water Co-operative Inc.

(204) 729 6116 Cell

(204) 730-2867 24 Hour Emergency Line

(204) 752 2261 R.M. Of Whitehead

(204) 728 7834 R.M. Of Elton

Names of Operators:

Ralph Berg	**(2017 - Current)**
Melanie Bollman	**(2023 - Current)**
Ephrem Tamene	**(2024 - Current)**
Kyle Martin	**(November - Current)**

Table of Contents

1) Introduction:

The 2025 Whitehead Elton Regional Water Cooperative Inc. Annual Report summarizes the water utility's ability to provide safe economical potable water and comply with provincial standards.

2) Description of the Water System:

The Whitehead Elton Regional Water Cooperative Inc. provides potable water to a population of approximately 2400 residents. Corrective Actions were taken and reported as required throughout the course of operations. Details of these actions can be found in Section 4.

The Whitehead Elton Regional Water Cooperative Inc. water system consists of a network of pressure pipelines, a water treatment plant, a booster station, a pressure reducing station and a water storage reservoir. The Whitehead Elton Regional Water Cooperative Inc. owns the Alexander Water Treatment Plant, Dungannan Pressure Reducing Station, Co-op Booster Station and the Forrest Reservoir.

The R.M. of Elton owns three pressure reducing stations and one booster station located east of #10 Highway and north of #1 Highway.

The R.M. of Whitehead owns the pressure reducing station located south of the #1 Highway down Road 115W.

2.I)Water Supply Source

The Whitehead Elton Regional Water Cooperative Inc. receives its water supply from two wells located in the R.M. Of Whitehead. The wells are situated to draw raw water from a sand and gravel aquifer.

The system provides treated water to the R.M. Of Elton, the villages of Forrest and Douglas, the R.M. Of Whitehead, the villages of Alexander and Kemnay and a few residents of the R.M. Of Riverdale and the R.M. Of Cornwallis.

2.II) Water Treatment Process:

The water treatment process is designed to remove hardness, iron, manganese, total dissolved solids, turbidity and arsenic from the raw water supply to meet the water quality standards outlined in the *Guidelines for Canadian Drinking Water Quality (GCDWQ)*. The plant currently provides virus inactivation through chlorine treated water obtaining adequate contact time within the treated water reservoirs.

Re-Chlorination is available at the Forrest Reservoir, but it is not in use. The average daily flow through the Alexander Water Treatment Plant of raw water is 852 cubic meters per day, with the plant rated at a maximum daily flow of raw water of 1,814.4 cubic meters per day and a yearly raw water total of 387,000 cubic meters.

Raw water is diverted from a sand and gravel aquifer by two wells located approximately 2.5 km NE of the Alexander Water Treatment Plant. The well pumps deliver water to the WTP through a 150 mm HDPE raw water pipeline. Water passes through the reverse osmosis (R.O.) system to remove hardness, iron, manganese, total dissolved solids and turbidity. Following the R.O. unit, permeate water is passed through a membrane contactor to remove carbon dioxide in the permeate water, therefore increasing the pH. Bypass water (raw water) passes through a 1.4 m diameter manganese greensand filter to remove iron and manganese allowing for hardness and pH adjustment in the treated water. A portion of the permeate water is also passed through the greensand filter for arsenic removal. Treated water from the R.O. unit is pH buffered by with Sodium Hydroxide injection. The combined R.O. unit and greensand treatment streams are chlorinated prior to entering the 950 cubic meter, 7 cell reservoir. The distribution pumps send water through a 200 mm pipeline to the distribution system.

Iron and Manganese are metals that cause laundry and plumbing fixture staining problems and can accumulate in the distribution pipes and cause reduced flow. Calcium Carbonate causes hardness in the water which diminishes the ability of the water to react with soap and lather. Hardness also forms scale deposits in kettles, hot water tanks and plumbing fixtures which can reduce their life expectancy.

2.III) Classification and Certification

- The Alexander Water Treatment Plant is a Class 2 water treatment facility.
- The Whitehead Elton Regional Water Co-operative Inc. water distribution system is Class 1.
- The R.M. Of Whitehead's distribution system is Class 1.
- The R.M. Of Elton's distribution system is Class 1

The Facility classifications are used to determine certification requirements for the water system operators. The requirements fall under the Water and Wastewater Facility Operators Regulation under the Environment Act.

3) List of Water Quality Standards

3.I) Water Quality Standards and Monitoring Requirements

The Province of Manitoba has adopted several water quality standards from the Health Canada *Guidelines for Canadian Drinking Water Quality.* The health-based parameters express the *maximum acceptable concentrations, or MAC,* for drinking water. Concentration levels above the recommended guidelines pose a health risk and necessitate corrective measures. All health-based parameters were within the limits in 2025 for Whitehead Elton Regional Water Co-operative Inc. and both R.M.`s.

All public water systems (PWS) are required to monitor chlorine residual levels daily, as well as manganese levels daily at the Water Treatment Plant. Monitoring is conducted daily at both the Alexander Water Treatment Plant and the Forrest Reservoir for chlorine residuals, while manganese testing is only performed at the Water Treatment Plant. Results are documented, and at the end of each month, they are submitted to the Provincial Drinking Water Officer. Original copies of these results must be kept on file at each facility for a period of TWO YEARS.

Bacterial Testing for Total Coliforms and E.coli are done every two weeks, with sample sets being separated by at least 12 days. Chlorine residuals are tested in the distribution system at the same time and location as bacterial samples. All results are kept in the files at the Water Treatment Plant for a period of 2 years.

In alignment with provincial drinking water monitoring initiatives, the Office of Drinking Water began phasing in residential lead testing requirements in 2019, prioritizing Manitoba's larger and older public water systems with known or suspected lead service lines. In 2025, the Whitehead Elton Regional Water Co-operative Inc. was selected to participate in the Residential Lead Monitoring Program. All required residential lead sampling was completed in accordance with program guidelines. Analytical results indicated that lead concentrations in all samples were below the established guideline values, confirming that drinking water supplied to residents met applicable health-based standards. Detailed testing results are provided in Appendix E of this report for reference.

During the reporting year, the Whitehead Elton Regional Water Co-operative Inc. voluntarily participated in PFAS (per- and polyfluoroalkyl substances) testing as part of its ongoing water quality monitoring program. Although PFAS testing is not currently required, this testing was conducted to further assess drinking water quality. Analysis of both raw and treated water samples showed that all PFAS compounds were not detected, with results below laboratory detection limits. Total PFAS concentrations were reported as less than 12 ng/L in both raw and treated water.

3.II) 2024 General Chemical Analysis

As part of the operating licence for Whitehead Elton Regional Water Co-operative Inc., a general chemical analysis of the raw water, treated water and midpoint of the distribution system must be done every **Three years**. Water samples were sent to the lab on October 18th, 2023, and we will be required to be sample again in 2026.

It is an extensive test including a physical test, Anions and Nutrients, Organic/Inorganic Carbon, Total Metals and Volatile Organic Compounds tests.

The tests are conducted at ALS Labs in Winnipeg. The results are on the following page. The highlighted areas on the results indicate that the raw water exceeds Aesthetic Objectives or Maximum Acceptable Concentrations cited in the *Guidelines for Canadian Drinking Water Standards*. None of the treated water produced exceeds MAC limits or Aesthetic Objectives.

If there are questions that you may have regarding the lab results, please use one of the contact numbers listed and we can assist in any questions or concerns.

3.III) Arsenic Test

As part of our license with ODW, the Whitehead Elton Regional Water Co-operative Inc. is required to conduct arsenic testing. A metals chemistry analysis is carried out annually, with water samples sent on November 19, 2025, this year. The arsenic test results are included in the General Chemical Analysis, which is completed every three years, as well as in the annual Metals Chemistry report, which can be viewed in Appendix D.

3.IV) Manganese Testing

Manganese testing in water treatment is essential for ensuring water quality and public health. The Aesthetic Objective (AO) level for manganese in drinking water is set at 0.05 mg/L. Whitehead Elton Regional Water Co-operative Inc. current testing method used is colorimetric. The frequency of testing depends on local regulations and water source conditions, with regular testing recommended for municipal systems and private wells. As part of our license, the Whitehead Elton Regional Water Co-operative Inc. is required to test daily the raw, greensand and treated water in the treatment process. Treatment method currently used is oxidation-filtration(greensand), and reverse osmosis to reduce manganese levels. If levels exceed the advisory limit, corrective actions are required. Manganese reports can be viewed in Appendix B.

CERTIFICATE OF ANALYSIS

Work Order	: **WP2326968**	Page	: 1 of 6
Client	: **Manitoba Conservation & Climate**	Laboratory	: ALS Environmental - Winnipeg
Contact	: RETIRED Melanie Betsill	Account Manager	: Sheriza Rajack-Ahamed
Address	: 14 Fultz Boulevard Winnipeg MB Canada R3Y 0L6	Address	: 1329 Niakwa Road East, Unit 12 Winnipeg MB Canada R2J 3T4
Telephone	: 204 945 5776	Telephone	: +1 204 255 9720
Project	: whitehead elton regional - PWS- 248.70	Date Samples Received	: 19-Oct-2023 10:30
PO	: ----	Date Analysis Commenced	: 19-Oct-2023
C-O-C number	: ----	Issue Date	: 30-Oct-2023 15:34
Sampler	: ----		
Site	: whitehead elton regional - PWS- 248.70 OP ID: 46658		
Quote number	: WTP Chemistry - 248.70 - Whitehead Elton Regional		
No. of samples received	: 3		
No. of samples analysed	: 3		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QC Interpretive report to assist with Quality Review and Sample Receipt Notification (SRN).

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

Signatories	*Position*	*Laboratory Department*
Christopher Chow		Inorganics, Winnipeg, Manitoba
Gerry Vera	Analyst	Organics, Winnipeg, Manitoba
Oleksandr Busel		Inorganics, Winnipeg, Manitoba
Oleksandr Busel		Metals, Winnipeg, Manitoba

General Comments

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Refer to the ALS Quality Control Interpretive report (QCI) for applicable references and methodology summaries. Reference methods may incorporate modifications to improve performance.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Please refer to Quality Control Interpretive report (QCI) for information regarding Holding Time compliance.

Key : CAS Number: Chemical Abstracts Services number is a unique identifier assigned to discrete substances
LOR: Limit of Reporting (detection limit).

Unit	*Description*
-	no units
%	percent
% T/cm	% transmittance per centimetre
µg/L	micrograms per litre
µS/cm	microsiemens per centimetre
AU/cm	absorbance units per centimetre
CU	colour units (1 cu = 1 mg/l pt)
meq/L	milliequivalents per litre
mg/L	milligrams per litre
NTU	nephelometric turbidity units
pH units	pH units

<: less than.

>: greater than.

Surrogate: An analyte that is similar in behavior to target analyte(s), but that does not occur naturally in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery.

Test results reported relate only to the samples as received by the laboratory.

UNLESS OTHERWISE STATED on SRN or QCI Report, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

Qualifiers

Qualifier	*Description*
DLM	*Detection Limit Adjusted due to sample matrix effects (e.g. chemical interference, colour, turbidity).*
HTD	*Hold time exceeded for re-analysis or dilution, but initial testing was conducted within hold time.*
RRV	*Reported result verified by repeat analysis.*

Analytical Results

Sub-Matrix: **Drinking Water**
(Matrix: **Water**)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	WHITEHEAD ELTON REGIONAL 1 - RAW	WHITEHEAD ELTON REGIONAL 2 - TREATED	WHITEHEAD ELTON REGIONAL 3 - DISTRIBUTION MID	----	----
					Client sampling date / time	18-Oct-2023 08:00	18-Oct-2023 08:20	18-Oct-2023 12:10	----	----
						WP2326968-001	WP2326968-002	WP2326968-003	--------	--------
						Result	Result	Result	----	----
Physical Tests										
Absorbance, UV (@ 254nm)	----	E404/WP	0.0050	AU/cm		0.0490	0.0130	----	----	----
Alkalinity, bicarbonate (as CaCO3)	----	E290/WP	1.0	mg/L		339	110	----	----	----
Alkalinity, carbonate (as CaCO3)	----	E290/WP	1.0	mg/L		<1.0	<1.0	----	----	----
Alkalinity, hydroxide (as CaCO3)	----	E290/WP	1.0	mg/L		<1.0	<1.0	----	----	----
Alkalinity, total (as CaCO3)	----	E290/WP	1.0	mg/L		339	110	----	----	----
Colour, true	----	E329/WP	5.0	CU		<5.0 HTD	<5.0 HTD	----	----	----
Conductivity	----	E100/WP	2.0	µS/cm		1160	333	----	----	----
Hardness (as CaCO3), from total Ca/Mg	----	EC100A/WP	0.50	mg/L		600	105	----	----	----
Langelier index (@ 4°C)	----	EC105A/WP	0.010	-		0.932	-0.198	----	----	----
Langelier index (@ 60°C)	----	EC105A/WP	0.010	-		1.68	0.571	----	----	----
pH	----	E108/WP	0.10	pH units		8.01	7.98	----	----	----
Solids, total dissolved [TDS]	----	E162-L/WP	3.0	mg/L		818	180	----	----	----
Turbidity	----	E121/WP	0.10	NTU		23.9	<0.10	----	----	----
pH, saturation (@ 4°C)	----	EC105A/WP	0.010	pH units		7.08	8.18	----	----	----
Transmittance, UV (@ 254nm)	----	E404/WP	1.0	% T/cm		89.3	97.0	----	----	----
pH, saturation (@ 60°C)	----	EC105A/WP	0.010	pH units		6.33	7.41	----	----	----
Anions and Nutrients										
Bromide	24959-67-9	E235.Br-L/WP	0.050	mg/L		<0.100 DLM	<0.050	----	----	----
Chloride	16887-00-6	E235.Cl-L/WP	0.10	mg/L		15.3	5.01	----	----	----
Fluoride	16984-48-8	E235.F/WP	0.020	mg/L		0.146	0.033	----	----	----
Nitrate (as N)	14797-55-8	E235.NO3-L/WP	0.0050	mg/L		<0.0100 DLM	<0.0050	----	----	----
Nitrite (as N)	14797-65-0	E235.NO2-L/WP	0.0010	mg/L		<0.0020 DLM	<0.0010	----	----	----
Sulfate (as SO4)	14808-79-8	E235.SO4/WP	0.30	mg/L		331	58.4	----	----	----
Organic / Inorganic Carbon										
Carbon, dissolved organic [DOC]	----	E358-L/WP	0.50	mg/L		3.28	1.37 RRV	----	----	----

Analytical Results

Sub-Matrix: **Drinking Water**
(Matrix: **Water**)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	WHITEHEAD ELTON REGIONAL 1 - RAW	WHITEHEAD ELTON REGIONAL 2 - TREATED	WHITEHEAD ELTON REGIONAL 3 - DISTRIBUTION MID	----	----
					Client sampling date / time	18-Oct-2023 08:00	18-Oct-2023 08:20	18-Oct-2023 12:10	----	----
						WP2326968-001	WP2326968-002	WP2326968-003	--------	--------
						Result	Result	Result	----	----
Organic / Inorganic Carbon										
Carbon, total organic [TOC]	----	E355-L/WP	0.50	mg/L		3.32	<0.50	----	----	----
Ion Balance										
Anion sum	----	EC101A/WP	0.10	meq/L		14.1	3.56	----	----	----
Cation sum (total)	----	EC101A/WP	0.10	meq/L		12.7	3.10	----	----	----
Ion balance (cations/anions)	----	EC101A/WP	0.01	%		90.1	87.1	----	----	----
Ion balance (APHA)	----	EC101A/WP	0.010	%		-5.22	-6.91	----	----	----
Total Metals										
Aluminum, total	7429-90-5	E420/WP	3.0	µg/L		<3.0	<3.0	<3.0	----	----
Antimony, total	7440-36-0	E420/WP	0.10	µg/L		<0.10	<0.10	<0.10	----	----
Arsenic, total	7440-38-2	E420/WP	0.10	µg/L		5.64	0.93	0.80	----	----
Barium, total	7440-39-3	E420/WP	0.10	µg/L		24.4	4.58	4.00	----	----
Beryllium, total	7440-41-7	E420/WP	0.020	µg/L		<0.020	<0.020	<0.020	----	----
Bismuth, total	7440-69-9	E420/WP	0.050	µg/L		<0.050	<0.050	<0.050	----	----
Boron, total	7440-42-8	E420/WP	10	µg/L		70	52	57	----	----
Cadmium, total	7440-43-9	E420/WP	0.0050	µg/L		<0.0050	<0.0050	0.0221	----	----
Calcium, total	7440-70-2	E420/WP	50	µg/L		147000	26000	26600	----	----
Cesium, total	7440-46-2	E420/WP	0.010	µg/L		<0.010	<0.010	<0.010	----	----
Chromium, total	7440-47-3	E420/WP	0.50	µg/L		<0.50	<0.50	<0.50	----	----
Cobalt, total	7440-48-4	E420/WP	0.10	µg/L		<0.10	<0.10	<0.10	----	----
Copper, total	7440-50-8	E420/WP	0.50	µg/L		<0.50	18.4	5.43	----	----
Iron, total	7439-89-6	E420/WP	10	µg/L		1680	<10	<10	----	----
Lead, total	7439-92-1	E420/WP	0.050	µg/L		<0.050	0.112	0.408	----	----
Lithium, total	7439-93-2	E420/WP	1.0	µg/L		43.1	10.3	10.8	----	----
Magnesium, total	7439-95-4	E420/WP	5.0	µg/L		56700	9820	10000	----	----
Manganese, total	7439-96-5	E420/WP	0.10	µg/L		466	0.96	0.60	----	----
Molybdenum, total	7439-98-7	E420/WP	0.050	µg/L		4.74	0.651	0.638	----	----
Nickel, total	7440-02-0	E420/WP	0.50	µg/L		<0.50	<0.50	21.8	----	----

Analytical Results

Sub-Matrix: **Drinking Water**
(Matrix: **Water**)

					Client sample ID	WHITEHEAD ELTON REGIONAL 1 - RAW	WHITEHEAD ELTON REGIONAL 2 - TREATED	WHITEHEAD ELTON REGIONAL 3 - DISTRIBUTION MID	----	----
					Client sampling date / time	18-Oct-2023 08:00	18-Oct-2023 08:20	18-Oct-2023 12:10	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit		WP2326968-001	WP2326968-002	WP2326968-003	--------	--------
						Result	Result	Result	---	---
Total Metals										
Phosphorus, total	7723-14-0	E420/WP	50	µg/L		<50	<50	<50	----	----
Potassium, total	7440-09-7	E420/WP	50	µg/L		4920	1290	1320	----	----
Rubidium, total	7440-17-7	E420/WP	0.20	µg/L		1.86	0.51	0.50	----	----
Selenium, total	7782-49-2	E420/WP	0.050	µg/L		<0.050	<0.050	<0.050	----	----
Silicon, total	7440-21-3	E420/WP	100	µg/L		13400	2360	2470	----	----
Silver, total	7440-22-4	E420/WP	0.010	µg/L		<0.010	<0.010	<0.010	----	----
Sodium, total	7440-23-5	E420/WP	50	µg/L		11100	22200	21800	----	----
Strontium, total	7440-24-6	E420/WP	0.20	µg/L		456	76.2	83.4	----	----
Sulfur, total	7704-34-9	E420/WP	500	µg/L		114000	18300	18500	----	----
Tellurium, total	13494-80-9	E420/WP	0.20	µg/L		<0.20	<0.20	<0.20	----	----
Thallium, total	7440-28-0	E420/WP	0.010	µg/L		<0.010	<0.010	<0.010	----	----
Thorium, total	7440-29-1	E420/WP	0.10	µg/L		<0.10	<0.10	<0.10	----	----
Tin, total	7440-31-5	E420/WP	0.10	µg/L		<0.10	0.21	<0.10	----	----
Titanium, total	7440-32-6	E420/WP	0.30	µg/L		<0.30	<0.30	<0.30	----	----
Tungsten, total	7440-33-7	E420/WP	0.10	µg/L		<0.10	<0.10	<0.10	----	----
Uranium, total	7440-61-1	E420/WP	0.010	µg/L		7.67	1.23	1.32	----	----
Vanadium, total	7440-62-2	E420/WP	0.50	µg/L		<0.50	<0.50	<0.50	----	----
Zinc, total	7440-66-6	E420/WP	3.0	µg/L		<3.0	12.9	87.4	----	----
Zirconium, total	7440-67-7	E420/WP	0.20	µg/L		<0.20	<0.20	<0.20	----	----
Volatile Organic Compounds										
Benzene	71-43-2	E611D/WP	0.00050	mg/L		<0.00050	----	----	----	----
Bromodichloromethane	75-27-4	E611D/WP	0.00050	mg/L		<0.00050	----	----	----	----
Bromoform	75-25-2	E611D/WP	0.00050	mg/L		<0.00050	----	----	----	----
Chloroform	67-66-3	E611D/WP	0.00050	mg/L		<0.00050	----	----	----	----
Dibromochloromethane	124-48-1	E611D/WP	0.00050	mg/L		<0.00050	----	----	----	----
Dichloromethane	75-09-2	E611D/WP	0.0010	mg/L		<0.0010	----	----	----	----
Ethylbenzene	100-41-4	E611D/WP	0.00050	mg/L		<0.00050	----	----	----	----

Analytical Results

Sub-Matrix: **Drinking Water**
(Matrix: **Water**)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	WHITEHEAD ELTON REGIONAL 1 - RAW	WHITEHEAD ELTON REGIONAL 2 - TREATED	WHITEHEAD ELTON REGIONAL 3 - DISTRIBUTION MID	----	----
					Client sampling date / time	18-Oct-2023 08:00	18-Oct-2023 08:20	18-Oct-2023 12:10	----	----
						WP2326968-001	WP2326968-002	WP2326968-003	--------	--------
						Result	Result	Result	----	----
Volatile Organic Compounds										
Methyl-tert-butyl ether [MTBE]	1634-04-4	E611D/WP	0.00050	mg/L		<0.00050	----	----	----	----
Tetrachloroethylene	127-18-4	E611D/WP	0.00050	mg/L		<0.00050	----	----	----	----
Toluene	108-88-3	E611D/WP	0.00050	mg/L		<0.00050	----	----	----	----
Trichloroethane, 1,1,1-	71-55-6	E611D/WP	0.00050	mg/L		<0.00050	----	----	----	----
Trichloroethane, 1,1,2-	79-00-5	E611D/WP	0.00050	mg/L		<0.00050	----	----	----	----
Trichloroethylene	79-01-6	E611D/WP	0.00050	mg/L		<0.00050	----	----	----	----
Xylene, m+p-	179601-23-1	E611D/WP	0.00040	mg/L		<0.00040	----	----	----	----
Xylene, o-	95-47-6	E611D/WP	0.00030	mg/L		<0.00030	----	----	----	----
Xylenes, total	1330-20-7	E611D/WP	0.00050	mg/L		<0.00050	----	----	----	----
BTEX, total	----	E611D/WP	0.0010	mg/L		<0.0010	----	----	----	----
Volatile Organic Compounds Surrogates										
Bromofluorobenzene, 4-	460-00-4	E611D/WP	1.0	%		88.6	----	----	----	----
Difluorobenzene, 1,4-	540-36-3	E611D/WP	1.0	%		102	----	----	----	----

Please refer to the General Comments section for an explanation of any result qualifiers detected.

Please refer to the Accreditation section for an explanation of analyte accreditations.

4) Water System Incidents and Corrective Actions

There were no incidents or corrective actions needed in 2025.

5) Drinking Water Safety Orders, Warnings and Charges

On May 13th, a maintenance advisory was issued after installation of two flushouts took place in a portion of the Whitehead Distribution system, on Meadow Drive. It was rescinded after all bacteriological samples were done and results indicated water was safe for consumption.

On July 24th, a maintenance advisory was issued after a valve replacement took place in a portion of the Elton Distribution system, on Road 109W (Deer Ridge Road), between Road 61N(Sandison Road) and PTH #1 . It was rescinded after all bacteriological samples were done and results indicated water was safe for consumption.

On August 25th, a boil water advisory was issued after two valve replacements took place in a portion of the Elton Distribution system, between Roads 96W to 107W and Roads 60N to 65N including the community of Douglas, Hillside Colony and Silver Creek Campground. It was rescinded after all bacteriological samples were done and results indicated water was safe for consumption.

6) *Major Expenses Incurred*

Significant expenses that occurred in 2025, included the investigation and testing of suitable locations for additional raw water wells, the installation of service lines for both municipalities, and flushout repairs in each municipality.

7) Current/Future System Expansions

In 2025, ongoing investigations were done to find a suitable location for an additional raw water well with the hope for a 2026 install date.

Expansion of the water treatment plant reverse osmosis (RO) water treatment system to enhance capacity and efficiency.

Appendix A
Appendix A contains all the bacterial test results for all 3 Public Water Systems. Four sets of manganese samples are taken every third year, which were completed in 2023. The next year we will conduct our manganese sampling will be 2026.

Appendix B
Appendix B contains all the manganese test results completed daily at . Four sets of manganese samples are taken every third year, which were completed in 2023. The next year we will conduct our manganese sampling will be 2026.

Appendix C
Appendix C contains the 2025 Water Use Report that must be sent to the Provincial Government and the Monitoring Well Graph Reports . The Monitoring Wells are checked periodically throughout the year. One well is located at the raw water supply wells and the second is located a quarter of a mile south. These Monitoring Wells are a daily snapshot on the health of the aquifer we draw our water from.

Appendix D
Appendix D contains the Whitehead Elton Regional Water Co-operative Inc. metals chemistry analysis which contains arsenic test results.

Appendix E
Appendix E contains all the lead test results for all 3 Public Water Systems. Five samples were collected on the Whitehead Elton Regional Water Co-op system, and 10 samples were to be collected for each of the Whitehead and Elton distribution systems.

APPENDIX A

2025
BACTERIA SAMPLE RESULTS

2025	Time	PWS #	Location	Tested	Chlorine Free	Chlorine Total	Total Coliforms	Escherichia Coli
January 2, 2025	08:00	248.70	WTP	Raw	0.00	0.00	<1	<1
	07:55	248.70	WTP	Treated	0.80	0.87	<1	<1
	08:12	248.70	Forrest	Incoming	0.75	0.83	<1	<1
	07:55	248.70	Forrest	Outgoing	0.74	0.83	<1	<1
	08:10	248.80	Fire Hall	Fire Hall	0.75	0.90	<1	<1
	08:27	248.80	Dunganon	Dunganon	0.80	0.87	<1	<1
	08:43	63.50	PR#2	PR#2	0.76	0.85	<1	<1
	09:05	63.50	Elton Booster	Elton Booster	0.79	0.83	<1	<1
January 16, 2025	08:00	248.70	WTP	Raw	0.00	0.00	<1	<1
	08:55	248.70	WTP	Treated	0.80	0.94	<1	<1
	12:30	248.70	Forrest	Incoming	0.83	0.89	<1	<1
	12:20	248.70	Forrest	Outgoing	0.72	0.84	<1	<1
	09:55	248.80	Fire Hall	Fire Hall	0.82	0.92	<1	<1
	10:20	248.80	Dunganon	Dunganon	0.78	0.87	<1	<1
	11:25	63.50	PR#2	PR#2	0.81	0.89	<1	<1
	12:04	63.50	Elton Booster	Elton Booster	0.79	0.86	<1	<1
January 29, 2025	09:10	248.70	WTP	Raw	0.00	0.00	<1	<1
	09:15	248.70	WTP	Treated	0.93	1.02	<1	<1
	08:34	248.70	Forrest	Incoming	0.85	0.93	<1	<1
	08:35	248.70	Forrest	Outgoing	0.81	0.90	<1	<1
	09:20	248.80	Fire Hall	Fire Hall	0.96	1.07	<1	<1
	13:40	248.80	Dunganon	Dunganon	0.98	1.08	<1	<1
	09:00	63.50	PR#2	PR#2	0.82	0.88	<1	<1
	09:53	63.50	Elton Booster	Elton Booster	0.77	0.87	<1	<1
February 12, 2025	08:35	248.70	WTP	Raw	0.00	0.00	<1	<1
	08:40	248.70	WTP	Treated	0.79	0.88	<1	<1
	11:14	248.70	Forrest	Incoming	0.76	0.85	<1	<1
	11:15	248.70	Forrest	Outgoing	0.75	0.81	<1	<1
	08:45	248.80	Fire Hall	Fire Hall	0.79	0.91	<1	<1
	09:42	248.80	Dunganon	Dunganon	0.79	0.87	<1	<1
	10:24	63.50	PR#2	PR#2	0.74	0.83	<1	<1
	10:57	63.50	Elton Booster	Elton Booster	0.79	0.83	<1	<1
February 26, 2025	09:19	248.70	WTP	Raw	0.00	0.00	<1	<1
	09:09	248.70	WTP	Treated	0.84	0.91	<1	<1
	11:30	248.70	Forrest	Incoming	0.78	0.87	<1	<1
	11:32	248.70	Forrest	Outgoing	0.74	0.82	<1	<1
	09:25	248.80	Fire Hall	Fire Hall	0.79	0.89	<1	<1
	09:46	248.80	Dunganon	Dunganon	0.79	0.90	<1	<1
	10:28	63.50	PR#2	PR#2	0.72	0.80	<1	<1
	11:00	63.50	Elton Booster	Elton Booster	0.91	0.98	<1	<1
March 12, 2025	09:50	248.70	WTP	Raw	0.00	0.00	<1	<1
	09:45	248.70	WTP	Treated	0.78	0.87	<1	<1
	12:15	248.70	Forrest	Incoming	0.77	0.87	<1	<1
	12:10	248.70	Forrest	Outgoing	0.67	0.75	<1	<1
	10:00	248.80	Fire Hall	Fire Hall	0.64	0.79	<1	<1
	11:20	248.80	Dunganon	Dunganon	0.65	0.73	<1	<1
	10:20	63.50	PR#2	PR#2	0.75	0.80	<1	<1
	11:50	63.50	Elton Booster	Elton Booster	0.71	0.77	<1	<1

2025	Initals	Time	PWS #	Location	Tested	Chlorine Free	Chlorine Total	Total Coliforms	Escherichia Coli
January 2, 2025	MB	08:00	248.70	WTP	Raw	0.00	0.00	<1	<1
	MB	07:55	248.70	WTP	Treated	0.80	0.87	<1	<1
	MB	08:12	248.70	Forrest	Incoming	0.75	0.83	<1	<1
	MB	07:55	248.70	Forrest	Outgoing	0.74	0.83	<1	<1
	MB	08:10	248.80	Fire Hall	Fire Hall	0.75	0.90	<1	<1
	MB	08:27	248.80	Dunganon	Dunganon	0.80	0.87	<1	<1
	MB	08:43	63.50	PR#2	PR#2	0.76	0.85	<1	<1
	MB	09:05	63.50	Elton Booster	Elton Booster	0.79	0.83	<1	<1
January 16, 2025	HB	08:00	248.70	WTP	Raw	0.00	0.00	<1	<1
	HB	08:55	248.70	WTP	Treated	0.80	0.94	<1	<1
	HB	12:30	248.70	Forrest	Incoming	0.83	0.89	<1	<1
	HB	12:20	248.70	Forrest	Outgoing	0.72	0.84	<1	<1
	HB	09:55	248.80	Fire Hall	Fire Hall	0.82	0.92	<1	<1
	HB	10:20	248.80	Dunganon	Dunganon	0.78	0.87	<1	<1
	HB	11:25	63.50	PR#2	PR#2	0.81	0.89	<1	<1
	HB	12:04	63.50	Elton Booster	Elton Booster	0.79	0.86	<1	<1
January 29, 2025	HB	09:10	248.70	WTP	Raw	0.00	0.00	<1	<1
	HB	09:15	248.70	WTP	Treated	0.93	1.02	<1	<1
	MB	08:34	248.70	Forrest	Incoming	0.85	0.93	<1	<1
	MB	08:35	248.70	Forrest	Outgoing	0.81	0.90	<1	<1
	HB	09:20	248.80	Fire Hall	Fire Hall	0.96	1.07	<1	<1
	MB	13:40	248.80	Dunganon	Dunganon	0.98	1.08	<1	<1
	MB	09:00	63.50	PR#2	PR#2	0.82	0.88	<1	<1
	MB	09:53	63.50	Elton Booster	Elton Booster	0.77	0.87	<1	<1
February 12, 2025	HB	08:35	248.70	WTP	Raw	0.00	0.00	<1	<1
	HB	08:40	248.70	WTP	Treated	0.79	0.88	<1	<1
	HB	11:14	248.70	Forrest	Incoming	0.76	0.85	<1	<1
	HB	11:15	248.70	Forrest	Outgoing	0.75	0.81	<1	<1
	HB	08:45	248.80	Fire Hall	Fire Hall	0.79	0.91	<1	<1
	HB	09:42	248.80	Dunganon	Dunganon	0.79	0.87	<1	<1
	HB	10:24	63.50	PR#2	PR#2	0.74	0.83	<1	<1
	HB	10:57	63.50	Elton Booster	Elton Booster	0.79	0.83	<1	<1
February 26, 2025	HB	09:19	248.70	WTP	Raw	0.00	0.00	<1	<1
	HB	09:09	248.70	WTP	Treated	0.84	0.91	<1	<1
	HB	11:30	248.70	Forrest	Incoming	0.78	0.87	<1	<1
	HB	11:32	248.70	Forrest	Outgoing	0.74	0.82	<1	<1
	HB	09:25	248.80	Fire Hall	Fire Hall	0.79	0.89	<1	<1
	HB	09:46	248.80	Dunganon	Dunganon	0.79	0.90	<1	<1
	HB	10:28	63.50	PR#2	PR#2	0.72	0.80	<1	<1
	HB	11:00	63.50	Elton Booster	Elton Booster	0.91	0.98	<1	<1
March 12, 2025	HB	09:50	248.70	WTP	Raw	0.00	0.00	<1	<1
	HB	09:45	248.70	WTP	Treated	0.78	0.87	<1	<1
	HB	12:15	248.70	Forrest	Incoming	0.77	0.87	<1	<1
	HB	12:10	248.70	Forrest	Outgoing	0.67	0.75	<1	<1
	HB	10:00	248.80	Fire Hall	Fire Hall	0.64	0.79	<1	<1
	HB	11:20	248.80	Dunganon	Dunganon	0.65	0.73	<1	<1
	HB	10:20	63.50	PR#2	PR#2	0.75	0.80	<1	<1
	HB	11:50	63.50	Elton Booster	Elton Booster	0.71	0.77	<1	<1

2025	Initals	Time	PWS #	Location	Tested	Chlorine Free	Chlorine Total	Total Coliforms	Escherichia Coli
March 26, 2025	ET	09:19	248.70	WTP	Raw	0.00	0.00	<1	<1
	ET	09:30	248.70	WTP	Treated	0.84	0.91	<1	<1
	ET	12:40	248.70	Forrest	Incoming	0.79	0.86	<1	<1
	ET	12:40	248.70	Forrest	Outgoing	0.78	0.90	<1	<1
	ET	09:15	248.80	Fire Hall	Fire Hall	0.85	0.90	<1	<1
	ET	10:25	248.80	Dunganon	Dunganon	0.83	0.91	<1	<1
	ET	11:30	63.50	PR#2	PR#2	0.78	0.81	<1	<1
	ET	12:15	63.50	Elton Booster	Elton Booster	0.73	0.77	<1	<1
April 9, 2025	ET	09:30	248.70	WTP	Raw	0.00	0.00	<1	<1
	ET	09:30	248.70	WTP	Treated	0.76	0.88	<1	<1
	ET	10:55	248.70	Forrest	Incoming	0.79	0.86	<1	<1
	ET	10:55	248.70	Forrest	Outgoing	0.76	0.85	<1	<1
	ET	09:10	248.80	Fire Hall	Fire Hall	0.77	0.88	<1	<1
	ET	10:00	248.80	Dunganon	Dunganon	0.82	0.87	<1	<1
	ET	12:20	63.50	PR#2	PR#2	0.79	0.86	<1	<1
	ET	11:30	63.50	Elton Booster	Elton Booster	0.76	0.83	<1	<1
April 23, 2025	ET	09:30	248.70	WTP	Raw	0.00	0.00	<1	<1
	ET	09:35	248.70	WTP	Treated	0.98	1.11	<1	<1
	ET	08:13	248.70	Forrest	Incoming	1.01	1.10	<1	<1
	ET	08:35	248.70	Forrest	Outgoing	0.93	1.00	<1	<1
	RB	09:10	248.80	Fire Hall	Fire Hall	1.02	1.12	<1	<1
	RB	10:01	248.80	Dunganon	Dunganon	1.04	1.11	<1	<1
	RB	10:20	63.50	PR#2	PR#2	0.61	0.75	<1	<1
	RB	09:05	63.50	Elton Booster	Elton Booster	0.70	0.76	<1	<1
May 7, 2025	HB	09:20	248.70	WTP	Raw	0.00	0.00	<1	<1
	HB	09:15	248.70	WTP)	Treated	0.92	1.04	<1	<1
	RB	08:10	248.70	Forrest	Incoming	1.08	1.23	<1	<1
	RB	08:08	248.70	Forrest	Outgoing	1.05	1.17	<1	<1
	HB	09:45	248.80	Fire Hall	Fire Hall	0.98	1.07	<1	<1
	HB	10:06	248.80	Dunganon	Dunganon	1.02	1.03	<1	<1
	RB	10:20	63.50	PR#2	PR#2	1.07	1.23	<1	<1
	RB	09:12	63.50	Elton Booster	Elton Booster	0.91	1.03	<1	<1
May 21, 2025	HB	09:07	248.70	WTP	Raw	0.00	0.00	<1	<1
	HB	09:05	248.70	WTP	Treated	0.99	1.09	<1	<1
	HB	08:15	248.70	Forrest	Incoming	0.93	1.10	<1	<1
	HB	08:15	248.70	Forrest	Outgoing	0.90	1.00	<1	<1
	HB	09:28	248.80	Fire Hall	Fire Hall	1.00	1.09	<1	<1
	HB	09:50	248.80	Dunganon	Dunganon	0.97	1.08	<1	<1
	HB	09:31	63.50	PR#2	PR#2	0.90	0.99	<1	<1
	HB	08:52	63.50	Elton Booster	Elton Booster	0.90	1.02	<1	<1
June 4, 2025	ET	09:15	248.70	WTP	Raw	0.00	0.00	<1	<1
	ET	09:15	248.70	WTP	Treated	1.21	1.32	<1	<1
	ET	09:06	248.70	Forrest	Incoming	0.97	1.08	<1	<1
	ET	09:06	248.70	Forrest	Outgoing	0.98	1.04	<1	<1
	ET	09:40	248.80	Fire Hall	Fire Hall	1.22	1.30	<1	<1
	ET	10:00	248.80	Dunganon	Dunganon	1.13	1.29	<1	<1
	RB	10:28	63.50	PR#2	PR#2	0.96	1.03	<1	<1
	RB	09:46	63.50	Elton Booster	Elton Booster	0.84	0.95	<1	<1

2025	Initals	Time	PWS #	Location	Tested	Chlorine Free	Chlorine Total	Total Coliforms	Escherichia Coli
June 18, 2025	MB	12:05	248.70	WTP	Raw	0.00	0.00	<1	<1
	MB	12:09	248.70	WTP	Treated	1.00	1.16	<1	<1
	MB	14:26	248.70	Forrest	Incoming	1.00	1.06	<1	<1
	MB	14:23	248.70	Forrest	Outgoing	0.97	1.09	<1	<1
	MB	12:21	248.80	Fire Hall	Fire Hall	0.80	0.91	<1	<1
	MB	12:38	248.80	Dunganon	Dunganon	0.99	1.12	<1	<1
	MB	13:20	63.50	PR#2	PR#2	0.99	1.04	<1	<1
	MB	13:56	63.50	Elton Booster	Elton Booster	0.96	1.04	<1	<1
July 2, 2025	ET	09:20	248.70	WTP	Raw	0.00	0.00	<1	<1
	ET	09:20	248.70	WTP	Treated	1.03	1.15	<1	<1
	ET	12:40	248.70	Forrest	Incoming	1.01	1.13	<1	<1
	ET	12:40	248.70	Forrest	Outgoing	0.95	1.00	<1	<1
	ET	09:45	248.80	Fire Hall	Fire Hall	1.02	1.14	<1	<1
	ET	10:10	248.80	Dunganon	Dunganon	1.04	1.14	<1	<1
	ET	11:08	63.50	PR#2	PR#2	1.03	1.08	<1	<1
	ET	12:00	63.50	Elton Booster	Elton Booster	0.90	0.97	<1	<1
July 16, 2025	MB	11:40	248.70	WTP	Raw	0.00	0.00	<1	<1
	MB	11:45	248.70	WTP	Treated	1.00	1.14	<1	<1
	MB	15:10	248.70	Forrest	Incoming	0.93	1.05	<1	<1
	MB	15:05	248.70	Forrest	Outgoing	1.02	1.10	<1	<1
	MB	12:20	248.80	Fire Hall	Fire Hall	1.00	1.08	<1	<1
	MB	13:05	248.80	Dunganon	Dunganon	0.98	1.11	<1	<1
	MB	14:40	63.50	PR#2	PR#2	1.07	1.13	<1	<1
	MB	14:00	63.50	Elton Booster	Elton Booster	0.96	1.06	<1	<1
July 30, 2025	ET	09:45	248.70	WTP	Raw	0.00	0.00	<1	<1
	ET	10:00	248.70	WTP	Treated	0.97	1.10	<1	<1
	ET	13:00	248.70	Forrest	Incoming	0.88	0.98	<1	<1
	ET	13:00	248.70	Forrest	Outgoing	0.94	1.00	<1	<1
	ET	10:25	248.80	Fire Hall	Fire Hall	0.93	1.07	<1	<1
	ET	10:53	248.80	Dunganon	Dunganon	0.99	1.04	<1	<1
	ET	11:43	63.50	PR#2	PR#2	0.99	1.06	<1	<1
	ET	12:25	63.50	Elton Booster	Elton Booster	0.85	0.98	<1	<1
August 12, 2025	JD	10:48	248.70	WTP	Raw	0.00	0.00	<1	<1
	JD	10:50	248.70	WTP	Treated	0.99	1.11	<1	<1
	JD	11:15	248.70	Forrest	Incoming	0.94	1.11	<1	<1
	JD	11:15	248.70	Forrest	Outgoing	0.99	1.14	<1	<1
	JD	10:37	248.80	Fire Hall	Fire Hall	0.97	1.00	<1	<1
	JD	11:45	248.80	Dunganon	Dunganon	0.98	1.09	<1	<1
	JD	12:56	63.50	PR#2	PR#2	1.02	1.11	<1	<1
	JD	11:46	63.50	Elton Booster	Elton Booster	0.99	1.04	<1	<1
August 27, 2025	ET	09:15	248.70	WTP	Raw	0.00	0.00	<1	<1
	ET	09:15	248.70	WTP	Treated	0.92	1.05	<1	<1
	MB	10:56	248.70	Forrest	Incoming	1.04	1.11	<1	<1
	MB	11:01	248.70	Forrest	Outgoing	0.98	1.08	<1	<1
	ET	09:35	248.80	Fire Hall	Fire Hall	0.91	1.00	<1	<1
	ET	10:00	248.80	Dunganon	Dunganon	0.95	1.03	<1	<1
	MB	12:02	63.50	PR#2	PR#2	1.01	1.11	<1	<1
	MB	13:34	63.50	Elton Booster	Elton Booster	0.88	1.02	<1	<1

2025	Initals	Time	PWS #	Location	Tested	Chlorine Free	Chlorine Total	Total Coliforms	Escherichia Coli
September 10, 2025	ET	10:00	248.70	WTP	Raw	0.00	0.00	<1	<1
	ET	10:05	248.70	WTP	Treated	1.03	1.17	<1	<1
	RB	10:30	248.70	Forrest	Incoming	0.86	0.97	<1	<1
	RB	10:30	248.70	Forrest	Outgoing	0.88	1.02	<1	<1
	ET	10:30	248.80	Fire Hall	Fire Hall	1.00	1.14	<1	<1
	ET	10:55	248.80	Dunganon	Dunganon	1.00	1.06	<1	<1
	RB	08:55	63.50	PR#2	PR#2	0.91	0.97	<1	<1
	RB	08:50	63.50	Elton Booster	Elton Booster	0.99	1.06	<1	<1
September 24, 2025	MB	11:55	248.70	WTP	Raw	0.00	0.00	<1	<1
	MB	11:58	248.70	WTP	Treated	1.02	1.15	<1	<1
	MB	09:43	248.70	Forrest	Incoming	0.97	1.05	<1	<1
	MB	09:45	248.70	Forrest	Outgoing	0.93	1.03	<1	<1
	MB	11:41	248.80	Fire Hall	Fire Hall	0.98	1.15	<1	<1
	MB	11:15	248.80	Dunganon	Dunganon	0.96	1.09	<1	<1
	MB	09:06	63.50	PR#2	PR#2	0.99	1.09	<1	<1
	MB	10:41	63.50	Elton Booster	Elton Booster	0.95	1.01	<1	<1
October 8, 2025	MB	13:38	248.70	WTP	Raw	0.00	0.00	<1	<1
	MB	13:39	248.70	WTP	Treated	0.90	1.06	<1	<1
	MB	11:26	248.70	Forrest	Incoming	0.93	1.05	<1	<1
	MB	11:27	248.70	Forrest	Outgoing	0.89	1.02	<1	<1
	MB	12:52	248.80	Fire Hall	Fire Hall	0.90	1.02	<1	<1
	MB	12:23	248.80	Dunganon	Dunganon	0.96	0.99	<1	<1
	MB	09:15	63.50	PR#2	PR#2	0.96	1.02	<1	<1
	MB	11:44	63.50	Elton Booster	Elton Booster	0.92	1.01	<1	<1
October 22, 2025	MB	12:55	248.70	WTP	Raw	0.00	0.00	<1	<1
	MB	13:00	248.70	WTP	Treated	0.90	1.05	<1	<1
	MB	09:00	248.70	Forrest	Incoming	0.92	1.02	<1	<1
	MB	09:10	248.70	Forrest	Outgoing	0.85	0.97	<1	<1
	MB	11:40	248.80	Fire Hall	Fire Hall	0.92	0.98	<1	<1
	MB	12:15	248.80	Dunganon	Dunganon	0.85	0.99	<1	<1
	MB	10:50	63.50	PR#2	PR#2	0.85	0.95	<1	<1
	MB	10:10	63.50	Elton Booster	Elton Booster	0.87	0.93	<1	<1
November 5, 2025	ET	09:20	248.70	WTP	Raw	0.00	0.00	<1	<1
	ET	09:20	248.70	WTP	Treated	1.07	1.20	<1	<1
	ET	12:15	248.70	Forrest	Incoming	0.87	0.97	<1	<1
	ET	12:15	248.70	Forrest	Outgoing	0.88	0.97	<1	<1
	ET	09:50	248.80	Fire Hall	Fire Hall	0.81	0.96	<1	<1
	ET	10:15	248.80	Dunganon	Dunganon	1.01	1.08	<1	<1
	ET	10:58	63.50	PR#2	PR#2	0.94	1.00	<1	<1
	ET	11:45	63.50	Elton Booster	Elton Booster	0.89	0.94	<1	<1
November 19, 2025	ET	10:58	248.70	WTP	Raw	0.00	0.00	<1	<1
	ET	10:58	248.70	WTP	Treated	0.90	1.04	<1	<1
	ET	14:35	248.70	Forrest	Incoming	0.81	0.90	<1	<1
	ET	14:35	248.70	Forrest	Outgoing	0.82	0.92	<1	<1
	ET	12:05	248.80	Fire Hall	Fire Hall	0.91	1.01	<1	<1
	ET	12:25	248.80	Dunganon	Dunganon	0.86	0.95	<1	<1
	ET	13:35	63.50	PR#2	PR#2	0.90	0.98	<1	<1
	ET	14:15	63.50	Elton Booster	Elton Booster	0.91	0.98	<1	<1

2025	Initals	Time	PWS #	Location	Tested	Chlorine Free	Chlorine Total	Total Coliforms	Escherichia Coli
December 3, 2025	MB	12:35	248.70	WTP	Raw	0.00	0.00	<1	<1
	MB	12:30	248.70	WTP	Treated	0.77	0.86	<1	<1
	MB	14:20	248.70	Forrest	Incoming	0.67	0.81	<1	<1
	MB	14:20	248.70	Forrest	Outgoing	0.77	0.85	<1	<1
	MB	13:00	248.80	Fire Hall	Fire Hall	0.70	0.83	<1	<1
	MB	13:25	248.80	Dunganon	Dunganon	0.78	0.89	<1	<1
	RB	13:04	63.50	PR#2	PR#2	0.76	0.83	<1	<1
	RB	13:52	63.50	Elton Booster	Elton Booster	0.80	0.84	<1	<1
December 16, 2025	ET	09:11	248.70	WTP	Raw	0.00	0.00	<1	<1
	ET	08:22	248.70	WTP	Treated	0.83	0.97	<1	<1
	RB	08:24	248.70	Forrest	Incoming	0.65	0.81	<1	<1
	RB	08:24	248.70	Forrest	Outgoing	0.69	0.75	<1	<1
	ET	09:35	248.80	Fire Hall	Fire Hall	0.89	1.02	<1	<1
	ET	10:00	248.80	Dunganon	Dunganon	0.81	0.96	<1	<1
	ET	10:55	63.50	PR#2	PR#2	0.80	0.95	<1	<1
	ET	11:55	63.50	Elton Booster	Elton Booster	0.76	0.92	<1	<1
December 29, 2025	ET	13:25	248.70	WTP	Raw	0.00	0.00	<1	<1
	ET	13:30	248.70	WTP	Treated	0.99	1.13	<1	<1
	ET	12:10	248.70	Forrest	Incoming	0.80	0.91	<1	<1
	ET	09:05	248.70	Forrest	Outgoing	0.75	0.82	<1	<1
	ET	13:10	248.80	Fire Hall	Fire Hall	0.74	0.91	<1	<1
	ET	12:45	248.80	Dunganon	Dunganon	0.99	1.08	<1	<1
	MB	13:35	63.50	PR#2	PR#2	0.79	0.86	<1	<1
	MB	13:07	63.50	Elton Booster	Elton Booster	0.78	0.85	<1	<1

APPENDIX B

2025 Manganese Reports

2025 Manganese Reports

Date	Treated	Post Greensand	Raw
1-Jan-25	0.009	0.023	0.488
2-Jan-25	0.005	0.014	0.505
3-Jan-25	0.010	0.019	0.501
4-Jan-25	0.006	0.025	0.508
5-Jan-25	0.009	0.032	0.499
6-Jan-25	0.012	0.041	0.511
7-Jan-25	0.010	0.031	0.509
8-Jan-25	0.011	0.029	0.508
9-Jan-25	0.009	0.034	0.520
10-Jan-25	0.009	0.031	0.503
11-Jan-25	0.011	0.018	0.494
12-Jan-25	0.009	0.027	0.510
13-Jan-25	0.009	0.029	0.511
14-Jan-25	0.006	0.031	0.510
15-Jan-25	0.006	0.030	0.526
16-Jan-25	0.011	0.023	0.521
17-Jan-25	0.009	0.027	0.496
18-Jan-25	0.013	0.029	0.520
19-Jan-25	0.011	0.027	0.517
20-Jan-25	0.006	0.030	0.489
21-Jan-25	0.005	0.025	0.485
22-Jan-25	0.003	0.025	0.491
23-Jan-25	0.007	0.027	0.500
24-Jan-25	0.007	0.032	0.518
25-Jan-25	0.010	0.031	0.512
26-Jan-25	0.011	0.030	0.512
27-Jan-25	0.011	0.034	0.506
28-Jan-25	0.014	0.028	0.494
29-Jan-25	0.009	0.029	0.504
30-Jan-25	0.006	0.026	0.511
31-Jan-25	0.012	0.017	0.511

Date	Treated	Post Greensand	Raw
1-Feb-25	0.012	0.031	0.499
2-Feb-25	0.010	0.036	0.508
3-Feb-25	0.009	0.030	0.520
4-Feb-25	0.008	0.022	0.486
5-Feb-25	0.009	0.030	0.518
6-Feb-25	0.011	0.028	0.479
7-Feb-25	0.009	0.028	0.497
8-Feb-25	0.012	0.022	0.525
9-Feb-25	0.013	0.029	0.497
10-Feb-25	0.009	0.028	0.450
11-Feb-25	0.010	0.023	0.500
12-Feb-25	0.007	0.026	0.496
13-Feb-25	0.007	0.025	0.500
14-Feb-25	0.006	0.023	0.503
15-Feb-25	0.010	0.019	0.498
16-Feb-25	0.005	0.023	0.501
17-Feb-25	0.008	0.030	0.501
18-Feb-25	0.007	0.022	0.521
19-Feb-25	0.008	0.028	0.512
20-Feb-25	0.007	0.021	0.489
21-Feb-25	0.009	0.021	0.505
22-Feb-25	0.014	0.027	0.509
23-Feb-25	0.005	0.018	0.501
24-Feb-25	0.008	0.019	0.464
25-Feb-25	0.011	0.019	0.525
26-Feb-25	0.007	0.024	0.488
27-Feb-25	0.011	0.032	0.506
28-Feb-25	0.004	0.026	0.479

Date	Treated	Post Greensand	Raw
1-Mar-25	0.008	0.027	0.529
2-Mar-25	0.003	0.027	0.488
3-Mar-25	0.005	0.025	0.522
4-Mar-25	0.008	0.027	0.491
5-Mar-25	0.012	0.028	0.474
6-Mar-25	0.010	0.016	0.480
7-Mar-25	0.007	0.020	0.501
8-Mar-25	0.008	0.034	0.541
9-Mar-25	0.009	0.025	0.490
10-Mar-25	0.010	0.027	0.492
11-Mar-25	0.012	0.033	0.510
12-Mar-25	0.012	0.022	0.474
13-Mar-25	0.008	0.029	0.513
14-Mar-25	0.007	0.022	0.505
15-Mar-25	0.006	0.023	0.518
16-Mar-25	0.009	0.031	0.503
17-Mar-25	0.011	0.023	0.494
18-Mar-25	0.013	0.021	0.509
19-Mar-25	0.011	0.026	0.511
20-Mar-25	0.005	0.022	0.506
21-Mar-25	0.011	0.021	0.484
22-Mar-25	0.010	0.020	0.484
23-Mar-25	0.012	0.021	0.496
24-Mar-25	0.009	0.021	0.474
25-Mar-25	0.009	0.024	0.497
26-Mar-25	0.009	0.029	0.497
27-Mar-25	0.011	0.027	0.476
28-Mar-25	0.007	0.027	0.483
29-Mar-25	0.006	0.021	0.506
30-Mar-25	0.005	0.016	0.500
31-Mar-25	0.008	0.025	0.496

2025 Manganese Reports

Date	Treated	Post Greensand	Raw
1-Apr-25	0.007	0.031	0.503
2-Apr-25	0.011	0.024	0.494
3-Apr-25	0.008	0.028	0.486
4-Apr-25	0.011	0.029	0.506
5-Apr-25	0.014	0.024	0.516
6-Apr-25	0.009	0.018	0.507
7-Apr-25	0.014	0.021	0.495
8-Apr-25	0.008	0.024	0.507
9-Apr-25	0.014	0.024	0.503
10-Apr-25	0.014	0.029	0.521
11-Apr-25	0.007	0.029	0.499
12-Apr-25	0.014	0.024	0.500
13-Apr-25	0.009	0.019	0.499
14-Apr-25	0.016	0.035	0.489
15-Apr-25	0.011	0.034	0.522
16-Apr-25	0.011	0.031	0.487
17-Apr-25	0.011	0.024	0.504
18-Apr-25	0.016	0.031	0.494
19-Apr-25	0.015	0.025	0.500
20-Apr-25	0.015	0.037	0.520
21-Apr-25	0.004	0.014	0.495
22-Apr-25	0.010	0.034	0.477
23-Apr-25	0.012	0.034	0.505
24-Apr-25	0.011	0.023	0.502
25-Apr-25	0.010	0.019	0.505
26-Apr-25	0.012	0.023	0.512
27-Apr-25	0.013	0.026	0.497
28-Apr-25	0.015	0.022	0.485
29-Apr-25	0.014	0.032	0.518
30-Apr-25	0.010	0.025	0.546

Date	Treated	Post Greensand	Raw
1-May-25	0.010	0.019	0.494
2-May-25	0.009	0.034	0.459
3-May-25	0.011	0.018	0.499
4-May-25	0.009	0.021	0.504
5-May-25	0.011	0.035	0.501
6-May-25	0.016	0.029	0.506
7-May-25	0.017	0.036	0.510
8-May-25	0.015	0.028	0.514
9-May-25	0.014	0.025	0.503
10-May-25	0.010	0.016	0.502
11-May-25	0.017	0.026	0.503
12-May-25	0.002	0.017	0.492
13-May-25	0.012	0.019	0.499
14-May-25	0.012	0.028	0.485
15-May-25	0.008	0.027	0.496
16-May-25	0.005	0.023	0.497
17-May-25	0.005	0.022	0.498
18-May-25	0.011	0.022	0.502
19-May-25	0.006	0.017	0.497
20-May-25	0.010	0.025	0.493
21-May-25	0.011	0.034	0.517
22-May-25	0.012	0.024	0.503
23-May-25	0.010	0.029	0.500
24-May-25	0.004	0.016	0.506
25-May-25	0.008	0.022	0.504
26-May-25	0.012	0.024	0.512
27-May-25	0.005	0.023	0.499
28-May-25	0.009	0.024	0.505
29-May-25	0.005	0.028	0.496
30-May-25	0.006	Bypass	0.514
31-May-25	0.002	Bypass	0.510

Date	Treated	Post Greensand	Raw
1-Jun-25	0.000	Bypass	0.502
2-Jun-25	0.000	Bypass	0.501
3-Jun-25	0.000	0.060	0.508
4-Jun-25	0.004	0.024	0.498
5-Jun-25	0.004	0.020	0.499
6-Jun-25	0.004	0.020	0.496
7-Jun-25	0.011	0.021	0.500
8-Jun-25	0.009	0.021	0.501
9-Jun-25	0.008	0.024	0.495
10-Jun-25	0.008	0.019	0.499
11-Jun-25	0.002	0.009	0.483
12-Jun-25	0.008	0.018	0.504
13-Jun-25	0.006	0.014	0.500
14-Jun-25	0.005	0.013	0.499
15-Jun-25	0.008	0.018	0.500
16-Jun-25	0.010	0.019	0.498
17-Jun-25	0.012	0.015	0.492
18-Jun-25	0.006	0.021	0.498
19-Jun-25	0.009	0.020	0.517
20-Jun-25	0.009	0.022	0.524
21-Jun-25	0.006	0.016	0.495
22-Jun-25	0.009	0.027	0.503
23-Jun-25	0.007	0.014	0.506
24-Jun-25	0.006	0.017	0.502
25-Jun-25	0.012	0.018	0.505
26-Jun-25	0.011	0.022	0.502
27-Jun-25	0.010	0.018	0.501
28-Jun-25	0.012	0.016	0.497
29-Jun-25	0.010	0.017	0.496
30-Jun-25	0.008	0.022	0.493

2025 Manganese Reports

Date	Treated	Post Greensand	Raw
1-Jul-25	0.010	0.023	0.500
2-Jul-25	0.013	0.019	0.502
3-Jul-25	0.009	0.014	0.499
4-Jul-25	0.006	0.022	0.494
5-Jul-25	0.008	0.019	0.484
6-Jul-25	0.011	0.022	0.492
7-Jul-25	0.005	0.021	0.500
8-Jul-25	0.007	0.018	0.501
9-Jul-25	0.010	0.022	0.496
10-Jul-25	0.009	0.022	0.502
11-Jul-25	0.002	0.009	0.488
12-Jul-25	0.010	0.011	0.494
13-Jul-25	0.006	0.021	0.508
14-Jul-25	0.002	0.008	0.502
15-Jul-25	0.006	0.016	0.492
16-Jul-25	0.008	0.019	0.475
17-Jul-25	0.008	0.016	0.495
18-Jul-25	0.008	0.020	0.502
19-Jul-25	0.010	0.021	0.505
20-Jul-25	0.007	0.015	0.499
21-Jul-25	0.004	0.019	0.501
22-Jul-25	0.010	0.023	0.506
23-Jul-25	0.008	0.013	0.506
24-Jul-25	0.008	0.023	0.505
25-Jul-25	0.009	0.021	0.509
26-Jul-25	0.009	0.023	0.515
27-Jul-25	0.005	0.014	0.508
28-Jul-25	0.009	0.021	0.507
29-Jul-25	0.002	0.014	0.491
30-Jul-25	0.010	0.022	0.505
31-Jul-25	0.008	0.021	0.502

Date	Treated	Post Greensand	Raw
1-Aug-25	0.010	0.018	0.502
2-Aug-25	0.006	0.019	0.482
3-Aug-25	0.007	0.013	0.501
4-Aug-25	0.010	0.023	0.503
5-Aug-25	0.004	0.020	0.496
6-Aug-25	0.003	0.012	0.507
7-Aug-25	0.005	0.014	0.493
8-Aug-25	0.005	0.017	0.499
9-Aug-25	0.003	0.019	0.475
10-Aug-25	0.005	0.018	0.479
11-Aug-25	0.006	0.014	0.486
12-Aug-25	0.008	0.017	0.505
13-Aug-25	0.003	0.015	0.499
14-Aug-25	0.004	0.024	0.493
15-Aug-25	0.008	0.013	0.490
16-Aug-25	0.004	0.020	0.497
17-Aug-25	0.004	0.011	0.485
18-Aug-25	0.007	0.018	0.510
19-Aug-25	0.005	0.019	0.497
20-Aug-25	0.005	0.016	0.496
21-Aug-25	0.003	0.023	0.493
22-Aug-25	0.011	0.019	0.494
23-Aug-25	0.004	0.015	0.501
24-Aug-25	0.008	0.021	0.494
25-Aug-25	0.002	0.022	0.499
26-Aug-25	0.005	0.013	0.495
27-Aug-25	0.005	0.020	0.482
28-Aug-25	0.005	0.016	0.502
29-Aug-25	0.006	0.020	0.498
30-Aug-25	0.010	0.017	0.510
31-Aug-25	0.012	0.016	0.492

Date	Treated	Post Greensand	Raw
1-Sep-25	0.010	0.030	0.497
2-Sep-25	0.003	0.018	0.501
3-Sep-25	0.009	0.023	0.504
4-Sep-25	0.011	0.025	0.506
5-Sep-25	0.008	0.020	0.494
6-Sep-25	0.011	0.027	0.507
7-Sep-25	0.010	0.018	0.501
8-Sep-25	0.008	0.026	0.504
9-Sep-25	0.009	0.019	0.498
10-Sep-25	0.006	0.018	0.511
11-Sep-25	0.012	0.020	0.506
12-Sep-25	0.009	0.023	0.507
13-Sep-25	0.015	0.030	0.502
14-Sep-25	0.004	0.018	0.506
15-Sep-25	0.004	0.012	0.505
16-Sep-25	0.009	0.021	0.501
17-Sep-25	0.009	0.023	0.508
18-Sep-25	0.004	0.017	0.503
19-Sep-25	0.008	0.016	0.497
20-Sep-25	0.005	0.020	0.509
21-Sep-25	0.007	0.017	0.514
22-Sep-25	0.005	0.019	0.499
23-Sep-25	0.006	0.021	0.505
24-Sep-25	0.006	0.020	0.501
25-Sep-25	0.012	0.026	0.514
26-Sep-25	0.006	0.019	0.503
27-Sep-25	0.009	0.021	0.510
28-Sep-25	0.002	0.016	0.506
29-Sep-25	0.003	0.017	0.501
30-Sep-25	0.004	0.010	0.489

2025 Manganese Reports

Date	Treated	Post Greensand	Raw
1-Oct-25	0.000	0.008	0.504
2-Oct-25	0.006	0.019	0.501
3-Oct-25	0.007	0.021	0.508
4-Oct-25	0.008	0.026	0.511
5-Oct-25	0.010	0.019	0.510
6-Oct-25	0.011	0.022	0.507
7-Oct-25	0.008	0.026	0.504
8-Oct-25	0.010	0.022	0.499
9-Oct-25	0.007	0.020	0.503
10-Oct-25	0.010	0.025	0.507
11-Oct-25	0.008	0.022	0.500
12-Oct-25	0.005	0.018	0.492
13-Oct-25	0.006	0.017	0.494
14-Oct-25	0.009	0.018	0.510
15-Oct-25	0.006	0.018	0.495
16-Oct-25	0.009	0.018	0.505
17-Oct-25	0.010	0.022	0.504
18-Oct-25	0.008	0.023	0.486
19-Oct-25	0.009	0.019	0.490
20-Oct-25	0.009	0.015	0.491
21-Oct-25	0.012	0.018	0.499
22-Oct-25	0.007	0.020	0.499
23-Oct-25	0.009	0.026	0.517
24-Oct-25	0.008	0.016	0.468
25-Oct-25	0.015	0.023	0.514
26-Oct-25	0.008	0.030	0.508
27-Oct-25	0.007	0.017	0.492
28-Oct-25	0.005	0.015	0.500
29-Oct-25	0.003	0.009	0.456
30-Oct-25	0.002	0.009	0.438
31-Oct-25	0.006	0.017	0.480

Date	Treated	Post Greensand	Raw
1-Nov-25	0.010	0.013	0.486
12-Feb-25	0.009	0.012	0.462
13-Feb-25	0.008	0.020	0.502
14-Feb-25	0.009	0.022	0.499
15-Feb-25	0.009	0.028	0.521
16-Feb-25	0.010	0.025	0.511
17-Feb-25	0.018	0.034	0.513
18-Feb-25	0.009	0.028	0.521
19-Feb-25	0.014	0.028	0.500
20-Feb-25	0.008	0.019	0.506
21-Feb-25	0.006	0.019	0.508
22-Feb-25	0.011	0.029	0.510
23-Feb-25	0.008	0.021	0.502
24-Feb-25	0.014	0.027	0.528
25-Feb-25	0.016	0.032	0.507
26-Feb-25	0.009	0.021	0.513
27-Feb-25	0.009	0.015	0.512
28-Feb-25	0.010	0.033	0.519
1-Mar-25	0.009	0.012	0.484
2-Mar-25	0.006	0.013	0.481
3-Mar-25	0.009	0.016	0.480
4-Mar-25	0.009	0.012	0.495
5-Mar-25	0.008	0.014	0.473
6-Mar-25	0.009	0.020	0.494
7-Mar-25	0.022	0.029	0.515
8-Mar-25	0.008	0.020	0.516
9-Mar-25	0.003	0.014	0.515
10-Mar-25	0.010	0.016	0.553
11-Mar-25	0.007	0.015	0.530
30-Nov-25	0.010	0.018	0.522

Date	Treated	Post Greensand	Raw
1-Dec-25	0.000	0.031	0.534
2-Dec-25	0.013	0.020	0.520
3-Dec-25	0.006	0.019	0.503
4-Dec-25	0.005	0.015	0.486
5-Dec-25	0.003	0.019	0.512
6-Dec-25	0.001	0.023	0.514
7-Dec-25	0.005	0.017	0.505
8-Dec-25	0.003	0.030	0.513
9-Dec-25	0.006	0.029	0.517
10-Dec-25	0.007	0.026	0.503
11-Dec-25	0.000	0.016	0.508
12-Dec-25	0.007	0.020	0.510
13-Dec-25	0.015	0.033	0.512
14-Dec-25	0.008	0.023	0.519
15-Dec-25	0.000	0.011	0.516
16-Dec-25	0.001	0.021	0.520
17-Dec-25	0.005	0.017	0.503
18-Dec-25	0.008	0.017	0.512
19-Dec-25	0.009	0.032	0.506
20-Dec-25	0.002	0.013	0.512
21-Dec-25	0.008	0.013	0.498
22-Dec-25	0.004	0.020	0.502
23-Dec-25	0.010	0.030	0.508
24-Dec-25	0.006	0.021	0.509
25-Dec-25	0.004	0.019	0.501
26-Dec-25	0.002	0.007	0.495
27-Dec-25	0.005	0.012	0.500
28-Dec-25	0.003	0.013	0.506
29-Dec-25	0.004	0.020	0.511
30-Dec-25	0.003	0.022	0.496
31-Dec-25	0.008	0.020	0.471

APPENDIX C

2025 Water Use Report

Monitoring Well Graph Report

Manitoba Sustainable Development
Water Liscensing Station
Box 16 - 200 Salteaux Crescent
Winnipeg MB R3J 3W2
wateruse@gov.mb.ca

Manitoba Sustainable Development

Annual Water Use Report For 2025

Pursuant to ***The Water Rights Act***

LICENSEE'S NAME:	Whitehead Elton Regional Water Co-operative Inc.	**LICENSE NO.**	PWS-11-487
POST OFFICE ADDRESS:	General Delivery, Forrest MB R0K 0A0	**PHONE NO.**	204-728-7834

SOURCE OF WATER SUPPLY (CHECK ONE): ☑ WELL ☐ SURFACE WATER _____ (Name of River, Creek, Etc.)

LOCATION OF PUMP (OR WELL):

QUARTER	SECTION	TOWNSHIP	RANGE	OR OTHER (SPECIFY)
SE	21	10	21	W1

DESIGN PUMPING RATE: **LITRES PER SECOND** 22.7 **OR OTHER (SPECIFY)** _____

NOTE 1: **QUANTITIES OF WATER IN TABLE BELOW EXPRESSED IN (CHECK ONE)**

☐ LITRES ☐ DECAMETRES

☑ OTHER (SPECIFY): Cubic Meters

METER READING DECEMBER 31/2024: 453853.53

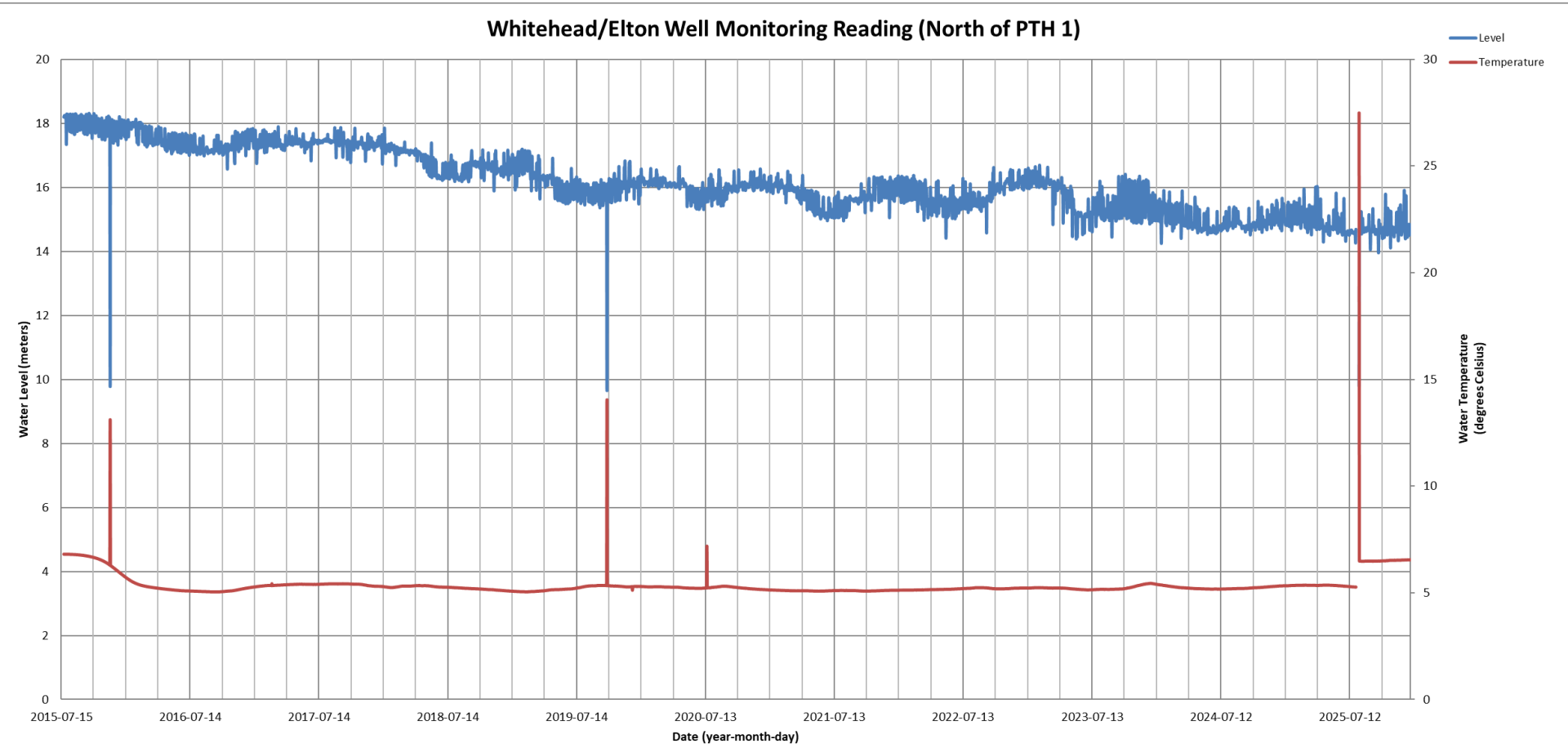
	JANUARY		FEBRUARY		MARCH		APRIL	
Day of Month	Meter Reading	Daily Consumption	Meter Reading	Daily Consumption	Meter Reading	Daily Consumption	Meter Reading	Daily Consumption
1	454655.69	802.16	474645.06	658.78	494814.66	1022.10	514264.78	563.72
2	455465.84	810.15	475582.38	937.32	495125.59	310.93	514898.78	634.00
3	455801.50	335.66	475928.13	345.75	495850.66	725.07	515528.81	630.03
4	456604.91	803.41	476625.06	696.93	496472.16	621.50	516265.06	736.25
5	457273.44	668.53	477260.22	635.16	497149.56	677.40	516764.78	499.72
6	457751.69	478.25	477926.84	666.62	497850.06	700.50	517410.84	646.06
7	458458.84	707.15	478603.78	676.94	498676.13	826.07	518071.06	660.22
8	459164.44	705.60	479400.00	796.22	499336.78	660.65	518629.16	558.10
9	459770.44	606.00	480119.69	719.69	499768.13	431.35	519324.63	695.47
10	460469.91	699.47	480649.81	530.12	500355.91	587.78	519939.22	614.59
11	461153.63	683.72	481323.94	674.13	500995.63	639.72	520763.41	824.19
12	462100.91	947.28	481974.88	650.94	501612.03	616.40	521307.84	544.43
13	462488.25	387.34	482750.72	775.84	502196.06	584.03	521964.34	656.50
14	463147.25	659.00	483455.63	704.91	502819.47	623.41	522642.06	677.72
15	463713.22	565.97	484374.88	919.25	503723.56	904.09	523352.10	710.04
16	464340.88	627.66	484811.81	436.93	504071.06	347.50	524170.81	818.71
17	464939.38	598.50	485820.22	1008.41	504749.81	678.75	525020.75	849.94
18	465665.59	726.21	486184.50	364.28	505355.19	605.38	525737.31	716.56
19	466320.72	655.13	486859.56	675.06	505982.22	627.03	526453.69	716.38
20	466829.78	509.06	487573.13	713.57	506634.63	652.41	527212.06	758.37
21	467516.28	686.50	488262.47	689.34	507529.41	894.78	527672.88	460.82
22	468122.28	606.00	489065.03	802.56	508223.34	693.93	528546.19	873.31
23	468728.91	606.63	489976.69	911.66	508583.48	360.14	529647.69	1101.50
24	469387.97	659.06	490404.34	427.65	509290.25	706.77	530707.94	1060.25
25	470072.16	684.19	491095.72	691.38	509920.25	630.00	532105.06	1397.12
26	470840.63	768.47	491761.22	665.50	510540.38	620.13	532615.06	510.00
27	471423.22	582.59	492472.03	710.81	511200.78	660.40	533221.38	606.32
28	472088.97	665.75	493101.84	629.81	511874.19	673.41	534055.81	834.43
29	472708.59	619.62	493792.56	690.72	512765.00	890.81	535782.38	1726.57
30	473363.28	654.69			513064.44	299.44	536548.44	766.06
31	473986.28	623.00			513701.06	636.62		
TOTAL	20132.75		19806.28		19908.50		22847.38	

NOTE 2:

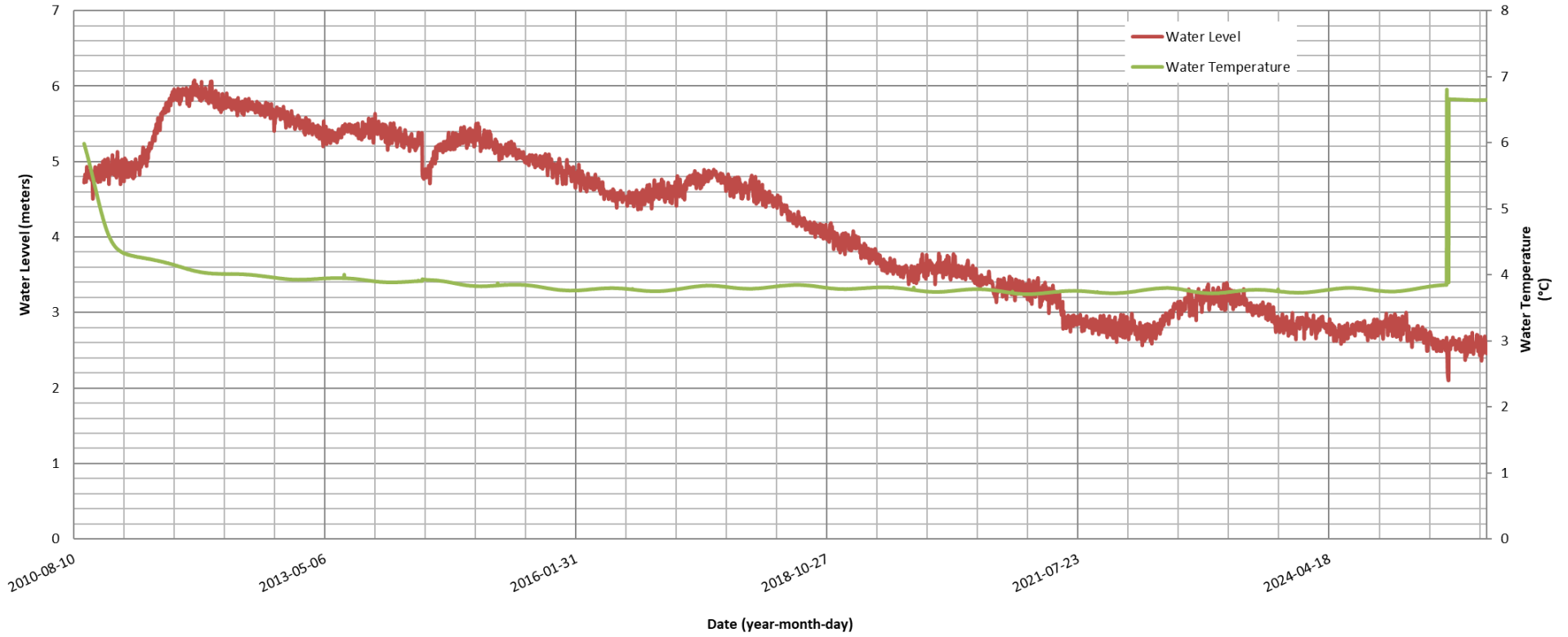
LISCENSEE MUST COMPLETE **"ANNUAL WATER USE REPORT"** FOR EACH CALENDER YEAR AND FORWARD THE REPORT TO THE WATER LICENSING SECTION AT THE ABOVE ADDRESS **NOT LATER THAN FEB. 1 OF THE FOLLOWING YEAR.**

	MAY		JUNE		JULY		AUGUST	
Day of Month	Meter Reading	Daily Consumption	Meter Reading	Daily Consumption	Meter Reading	Daily Consumption	Meter Reading	Daily Consumption
1	537545.88	997.44	570853.94	1156.38	608970.44	1560.00	646343.25	1549.56
2	538600.75	1054.87	571891.69	1037.75	610581.94	1611.50	647325.00	981.75
3	539491.50	890.75	573065.75	1174.06	612003.56	1421.62	648400.88	1075.88
4	540690.63	1199.13	574301.88	1236.13	613792.81	1789.25	649258.88	858.00
5	541688.94	998.31	575709.88	1408.00	615141.06	1348.25	650251.50	992.62
6	542878.19	1189.25	576938.81	1228.93	616344.44	1203.38	651075.25	823.75
7	544218.88	1340.69	577632.88	694.07	617383.75	1039.31	652148.50	1073.25
8	545397.06	1178.18	578602.63	969.75	618892.69	1508.94	653102.81	954.31
9	546649.50	1252.44	580064.75	1462.12	620245.00	1352.31	653710.69	607.88
10	547864.75	1215.25	581300.13	1235.38	621566.25	1321.25	654414.44	703.75
11	548623.33	758.58	582834.13	1534.00	622706.94	1140.69	655107.25	692.81
12	549935.00	1311.67	584198.75	1364.62	623727.00	1020.06	656040.38	933.13
13	551040.88	1105.88	585642.25	1443.50	624767.75	1040.75	657024.06	983.68
14	552083.44	1042.56	586780.25	1138.00	625959.81	1192.06	658081.88	1057.82
15	552871.38	787.94	587805.94	1025.69	627084.06	1124.25	658998.88	917.00
16	554038.75	1167.37	589111.38	1305.44	628351.50	1267.44	659782.75	783.87
17	554850.13	811.38	590263.75	1152.37	629654.31	1302.81	660450.06	667.31
18	555561.00	710.87	591590.31	1326.56	630985.31	1331.00	661494.38	1044.32
19	556370.00	809.00	592931.25	1340.94	632004.81	1019.50	662606.06	1111.68
20	556985.56	615.56	594644.63	1713.38	632878.06	873.25	663779.81	1173.75
21	557848.63	863.07	595807.94	1163.31	634095.25	1217.19	664840.44	1060.63
22	558980.63	1132.00	596652.50	844.56	635109.69	1014.44	666019.19	1178.75
23	560199.06	1218.43	597697.56	1045.06	636261.50	1151.81	666719.90	700.71
24	561528.19	1329.13	599416.13	1718.57	637586.19	1324.69	667485.56	765.66
25	562579.56	1051.37	600602.56	1186.43	638781.50	1195.31	668534.38	1048.82
26	563732.75	1153.19	602102.56	1500.00	639812.25	1030.75	669784.50	1250.12
27	564913.10	1180.35	603407.00	1304.44	640555.88	743.63	670749.63	965.13
28	566143.88	1230.78	604834.06	1427.06	641491.75	935.87	671761.25	1011.62
29	567248.13	1104.25	605940.88	1106.82	642644.56	1152.81	672789.75	1028.50
30	568594.81	1346.68	607410.44	1469.56	643273.13	628.57	673747.63	957.88
31	569697.56	1102.75			644793.69	1520.56	674430.06	682.43
TOTAL	33149.12		37712.88		37383.25		29636.37	

	SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
Day of Month	Meter Reading	Daily Consumption	Meter Reading	Daily Consumption	Meter Reading	Daily Consumption	Meter Reading	Daily Consumption
1	675367.50	937.44	701981.94	805.19	724311.88	573.25	744715.94	766.19
2	676329.94	962.44	702867.06	885.12	724943.94	632.06	745304.63	588.69
3	677306.81	976.87	703925.75	1058.69	725649.44	705.50	746028.00	723.37
4	678198.38	891.57	704456.13	530.38	726319.75	670.31	746740.38	712.38
5	679042.13	843.75	704960.19	504.06	727020.63	700.88	747729.19	988.81
6	679950.00	907.87	705804.25	844.06	727736.31	715.68	748434.69	705.50
7	680622.19	672.19	706657.13	852.88	728529.88	793.57	748926.31	491.62
8	681666.63	1044.44	707462.94	805.81	728989.81	459.93	749623.81	697.50
9	682656.75	990.12	708382.63	919.69	729693.75	703.94	750300.81	677.00
10	683655.88	999.13	709372.38	989.75	730452.88	759.13	750947.69	646.88
11	684492.13	836.25	709955.69	583.31	731147.31	694.43	751756.50	808.81
12	685407.38	915.25	710524.44	568.75	731830.19	682.88	752489.50	733.00
13	686170.88	763.50	711152.38	627.94	732505.25	675.06	753411.25	921.75
14	686814.31	643.43	711823.75	671.37	733299.44	794.19	753885.38	474.13
15	687880.50	1066.19	712545.44	721.69	733940.13	640.69	754705.94	820.56
16	688954.81	1074.31	713314.38	768.94	734585.50	645.37	755489.75	783.81
17	689694.13	739.32	714136.19	821.81	735272.69	687.19	756243.13	753.38
18	690980.63	1286.50	714645.63	509.44	735930.56	657.87	757008.75	765.62
19	691784.50	803.87	715330.00	684.37	736345.63	415.07	757937.44	928.69
20	692465.06	680.56	715955.44	625.44	737249.81	904.18	758444.50	507.06
21	693474.44	1009.38	716583.69	628.25	738053.25	803.44	758967.94	523.44
22	694305.31	830.87	717266.19	682.50	738832.50	779.25	759604.81	636.87
23	695288.63	983.32	718241.25	975.06	739314.94	482.44	760355.00	750.19
24	696172.06	883.43	718723.13	481.88	739923.13	608.19	761132.50	777.50
25	697238.63	1066.57	719686.25	963.12	740621.06	697.93	762021.75	889.25
26	698128.63	890.00	720439.81	753.56	741194.88	573.82	762468.94	447.19
27	698973.06	844.43	720831.19	391.38	741839.69	644.81	763142.81	673.87
28	699843.75	870.69	721507.13	675.94	742571.19	731.50	763503.50	360.69
29	700612.75	769.00	722230.56	723.43	743328.75	757.56	764119.13	615.63
30	701176.75	564.00	722886.81	656.25	743949.75	621.00	764765.75	646.62
31			723738.63	851.82			0.00	
TOTAL	26746.69		22561.88		20211.12		20816.00	


Whitehead/Elton Well Monitoring Reading (North of PTH 1)
Level
Temperature
Water Level (meters)
Water Temperature (degrees Celsius)
Date (year-month-day)
0
2
4
6
8
10
12
14
16
18
20
0
5
10
15
20
25
30
2015-07-15
2016-07-14
2017-07-14
2018-07-14
2019-07-14
2020-07-13
2021-07-13
2022-07-13
2023-07-13
2024-07-12
2025-07-12

Alexander Levelogger Well Reading (South of PTH 1)



APPENDIX D

2025 Metals Chemistry Report

CERTIFICATE OF ANALYSIS (GUIDELINE EVALUATION)

Work Order	: **WP2520234**		
Client	: **Manitoba Conservation & Climate**	Laboratory	: ALS Environmental - Winnipeg
Contact	: Melanie Betsill	Account Manager	: Sheriza Rajack-Ahamed
Address	: 14 Fultz Boulevard Winnipeg Manitoba Canada R3Y 0L6	Address	: 1329 Niakwa Road East, Unit 12 Winnipeg MB Canada R2J 3T4
Telephone	: 204 806 6667	Telephone	: +1 204 255 9720
Project	: Whitehead Elton Regional - PWS 248.70	Date Samples Received	: 20-Nov-2025 10:24
PO	: ---	Date Analysis Commenced	: 24-Nov-2025
C-O-C number	: ---	Issue Date	: 28-Nov-2025 08:42
Sampler	: ---		
Site	: Whitehead Elton Regional - PWS 248.70		
Quote number	: 2025 WTP Chemistry		
No. of samples received	: 3		
No. of samples analysed	: 3		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Guideline Comparison

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QC Interpretive report to assist with Quality Review and Sample Receipt Notification (SRN).

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

Signatories	*Position*	*Laboratory Department*
Kevin Baxter	Supervisor - Inorganic	Metals, Winnipeg, Manitoba
Morgan Bruce	Project Manager	Administration, Winnipeg, Manitoba

No Breaches Found

General Comments

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Refer to the ALS Quality Control Interpretive report (QCI) for applicable references and methodology summaries. Reference methods may incorporate modifications to improve performance.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Application of guidelines is provided "as is" without warranty of any kind, either expressed or implied, including, but not limited to fitness for a particular purpose, or non-infringement. ALS assumes no responsibility for errors or omissions in the information. Guidelines are not adjusted for the hardness, pH or temperature of the sample (the most conservative values are used). Measurement uncertainty is not applied to test results prior to comparison with specified criteria values.

Key: LOR: Limit of Reporting (detection limit).

Unit	*Description*
mg/L	milligrams per litre
µg/L	micrograms per litre

>: greater than.
<: less than.

Red shading is applied where the result or the LOR is greater than the Guideline Upper Limit (or lower than the Guideline Lower Limit, if applicable).
For drinking water samples, Red shading is applied where the result for E.coli, fecal or total coliforms is greater than or equal to the Guideline Upper Limit.

Analytical Results Evaluation

Matrix: Water

Client sample ID				Whitehead Elton Regional 1 - Raw Raw	Whitehead Elton Regional 2 - Treated Treated	Whitehead Elton Regional 3 - Distribution (Coop Booster) Distribution	----	----	----	----
Client sampling date / time				19-Nov-2025 11:00	19-Nov-2025 11:00	19-Nov-2025 13:00	----	----	----	----
Sub-Matrix				Water	Water	Water	----	----	----	----
Analyte	CAS Number	Method/Lab	Unit	WP2520234-001	WP2520234-002	WP2520234-003	----	----	----	----
				Result	Result	Result	----	----	----	----
Field Tests										
Chlorine, free, field	7782-50-5	EF001/WP	mg/L	----	0	0.90	----	----	----	----
Chlorine, total, field	7782-50-5	EF001/WP	mg/L	----	0	1.04	----	----	----	----
Total Metals										
Aluminum, total	7429-90-5	E420/WP	µg/L	1.3	1.5	1.6	----	----	----	----
Antimony, total	7440-36-0	E420/WP	µg/L	0.028	0.016	0.016	----	----	----	----
Arsenic, total	7440-38-2	E420/WP	µg/L	9.62	1.68	1.69	----	----	----	----
Barium, total	7440-39-3	E420/WP	µg/L	24.2	3.74	3.77	----	----	----	----
Beryllium, total	7440-41-7	E420/WP	µg/L	0.0020	Not Detected	Not Detected	----	----	----	----
Bismuth, total	7440-69-9	E420/WP	µg/L	0.00068	0.010	0.011	----	----	----	----
Boron, total	7440-42-8	E420/WP	µg/L	93	75	76	----	----	----	----
Cadmium, total	7440-43-9	E420/WP	µg/L	0.0016	0.0065	0.0014	----	----	----	----
Calcium, total	7440-70-2	E420/WP	µg/L	171000	29900	30200	----	----	----	----
Cesium, total	7440-46-2	E420/WP	µg/L	0.0016	0.0013	Not Detected	----	----	----	----
Chromium, total	7440-47-3	E420/WP	µg/L	Not Detected	0.14	0.19	----	----	----	----
Cobalt, total	7440-48-4	E420/WP	µg/L	0.053	Not Detected	Not Detected	----	----	----	----
Copper, total	7440-50-8	E420/WP	µg/L	0.21	12.5	6.49	----	----	----	----
Iron, total	7439-89-6	E420/WP	µg/L	2470	13	7.6	----	----	----	----

Matrix: Water

Client sample ID				Whitehead Elton Regional 1 - Raw Raw	Whitehead Elton Regional 2 - Treated Treated	Whitehead Elton Regional 3 - Distribution (Coop Booster) Distribution	---	---	---	---
Client sampling date / time				19-Nov-2025 11:00	19-Nov-2025 11:00	19-Nov-2025 13:00	---	---	---	---
Sub-Matrix				Water	Water	Water	---	---	---	---
Analyte	CAS Number	Method/Lab	Unit	WP2520234-001	WP2520234-002	WP2520234-003	---	---	---	---
				Result	Result	Result	---	---	---	---
Total Metals										
Lead, total	7439-92-1	E420/WP	µg/L	0.011	0.306	0.840	---	---	---	---
Lithium, total	7439-93-2	E420/WP	µg/L	63.8	15.9	16.0	---	---	---	---
Magnesium, total	7439-95-4	E420/WP	µg/L	66900	12000	11800	---	---	---	---
Manganese, total	7439-96-5	E420/WP	µg/L	510	2.11	1.08	---	---	---	---
Molybdenum, total	7439-98-7	E420/WP	µg/L	4.73	0.724	0.709	---	---	---	---
Nickel, total	7440-02-0	E420/WP	µg/L	0.33	0.37	0.16	---	---	---	---
Phosphorus, total	7723-14-0	E420/WP	µg/L	55	12	12	---	---	---	---
Potassium, total	7440-09-7	E420/WP	µg/L	5460	1300	1300	---	---	---	---
Rubidium, total	7440-17-7	E420/WP	µg/L	1.98	0.50	0.49	---	---	---	---
Selenium, total	7782-49-2	E420/WP	µg/L	0.090	0.043	Not Detected	---	---	---	---
Silicon, total	7440-21-3	E420/WP	µg/L	14700	2800	2800	---	---	---	---
Silver, total	7440-22-4	E420/WP	µg/L	Not Detected	Not Detected	0.0012	---	---	---	---
Sodium, total	7440-23-5	E420/WP	µg/L	13300	19800	19500	---	---	---	---
Strontium, total	7440-24-6	E420/WP	µg/L	476	82.9	83.8	---	---	---	---
Sulfur, total	7704-34-9	E420/WP	µg/L	144000	23600	23100	---	---	---	---
Tellurium, total	13494-80-9	E420/WP	µg/L	0.086	0.026	Not Detected	---	---	---	---
Thallium, total	7440-28-0	E420/WP	µg/L	Not Detected	Not Detected	Not Detected	---	---	---	---
Thorium, total	7440-29-1	E420/WP	µg/L	Not Detected	Not Detected	Not Detected	---	---	---	---

Matrix: **Water**

Client sample ID				Whitehead Elton Regional 1 - Raw Raw	Whitehead Elton Regional 2 - Treated Treated	Whitehead Elton Regional 3 - Distribution (Coop Booster) Distribution	----	----	----	----
Client sampling date / time				19-Nov-2025 11:00	19-Nov-2025 11:00	19-Nov-2025 13:00	----	----	----	----
Sub-Matrix				Water	Water	Water	----	----	----	----
Analyte	CAS Number	Method/Lab	Unit	WP2520234-001	WP2520234-002	WP2520234-003	----	----	----	----
				Result	Result	Result	----	----	----	----
Total Metals										
Tin, total	7440-31-5	E420/WP	µg/L	0.45	0.014	0.055	----	----	----	----
Titanium, total	7440-32-6	E420/WP	µg/L	0.049	Not Detected	Not Detected	----	----	----	----
Tungsten, total	7440-33-7	E420/WP	µg/L	Not Detected	Not Detected	Not Detected	----	----	----	----
Uranium, total	7440-61-1	E420/WP	µg/L	7.90	1.35	1.35	----	----	----	----
Vanadium, total	7440-62-2	E420/WP	µg/L	0.089	0.079	0.086	----	----	----	----
Zinc, total	7440-66-6	E420/WP	µg/L	2.1	5.1	5.8	----	----	----	----
Zirconium, total	7440-67-7	E420/WP	µg/L	Not Detected	Not Detected	Not Detected	----	----	----	----

Please refer to the General Comments section for an explanation of any result qualifiers detected.

CERTIFICATE OF ANALYSIS (GUIDELINE EVALUATION)

Work Order	: **WP2520233**		
Client	: **Manitoba Conservation & Climate**	Laboratory	: ALS Environmental - Winnipeg
Contact	: Melanie Betsill	Account Manager	: Sheriza Rajack-Ahamed
Address	: 14 Fultz Boulevard Winnipeg Manitoba Canada R3Y 0L6	Address	: 1329 Niakwa Road East, Unit 12 Winnipeg MB Canada R2J 3T4
Telephone	: 204 806 6667	Telephone	: +1 204 255 9720
Project	: Whitehead Elton Regional - PWS 248.70	Date Samples Received	: 20-Nov-2025 10:26
PO	: ---	Date Analysis Commenced	: 24-Nov-2025
C-O-C number	: ---	Issue Date	: 28-Nov-2025 08:42
Sampler	: ---		
Site	: Whitehead Elton Regional - PWS 248.70		
Quote number	: 2025 WTP Chemistry		
No. of samples received	: 1		
No. of samples analysed	: 1		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Guideline Comparison

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QC Interpretive report to assist with Quality Review and Sample Receipt Notification (SRN).

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

Signatories	*Position*	*Laboratory Department*
Kevin Baxter	Supervisor - Inorganic	Metals, Winnipeg, Manitoba
Morgan Bruce	Project Manager	Administration, Winnipeg, Manitoba

Analytical Results Evaluation

Matrix: Water

Analyte	CAS Number	Method/Lab	Unit	Client sample ID	Whitehead Elton Regional 3 - Distribution (Fire Hall) Distribution	---	---	---	---	---	---
				Client sampling date / time	19-Nov-2025 12:05	---	---	---	---	---	---
				Sub-Matrix	Water	---	---	---	---	---	---
				WP2520233-001		---	---	---	---	---	---
				Result		---	---	---	---	---	---
Field Tests											
Chlorine, free, field	7782-50-5	EF001/WP	mg/L		0.91	---	---	---	---	---	---
Chlorine, total, field	7782-50-5	EF001/WP	mg/L		1.01	---	---	---	---	---	---
Total Metals											
Aluminum, total	7429-90-5	E420/WP	µg/L		1.7	---	---	---	---	---	---
Antimony, total	7440-36-0	E420/WP	µg/L		0.022	---	---	---	---	---	---
Arsenic, total	7440-38-2	E420/WP	µg/L		1.69	---	---	---	---	---	---
Barium, total	7440-39-3	E420/WP	µg/L		3.76	---	---	---	---	---	---
Beryllium, total	7440-41-7	E420/WP	µg/L		0.00028	---	---	---	---	---	---
Bismuth, total	7440-69-9	E420/WP	µg/L		0.022	---	---	---	---	---	---
Boron, total	7440-42-8	E420/WP	µg/L		73	---	---	---	---	---	---
Cadmium, total	7440-43-9	E420/WP	µg/L		0.0027	---	---	---	---	---	---
Calcium, total	7440-70-2	E420/WP	µg/L		31100	---	---	---	---	---	---
Cesium, total	7440-46-2	E420/WP	µg/L		Not Detected	---	---	---	---	---	---
Chromium, total	7440-47-3	E420/WP	µg/L		0.11	---	---	---	---	---	---
Cobalt, total	7440-48-4	E420/WP	µg/L		Not Detected	---	---	---	---	---	---
Copper, total	7440-50-8	E420/WP	µg/L		8.46	---	---	---	---	---	---
Iron, total	7439-89-6	E420/WP	µg/L		16	---	---	---	---	---	---
Lead, total	7439-92-1	E420/WP	µg/L		0.135	---	---	---	---	---	---

Matrix: **Water**

Analyte	CAS Number	Method/Lab	Unit	Client sample ID	Whitehead Elton Regional 3 - Distribution (Fire Hall) Distribution	---	---	---	---	---	---
				Client sampling date / time	19-Nov-2025 12:05	---	---	---	---	---	---
				Sub-Matrix	Water	---	---	---	---	---	---
				WP2520233-001		---	---	---	---	---	---
				Result		---	---	---	---	---	---
Total Metals											
Lithium, total	7439-93-2	E420/WP	µg/L		15.9	---	---	---	---	---	---
Magnesium, total	7439-95-4	E420/WP	µg/L		11700	---	---	---	---	---	---
Manganese, total	7439-96-5	E420/WP	µg/L		2.12	---	---	---	---	---	---
Molybdenum, total	7439-98-7	E420/WP	µg/L		0.730	---	---	---	---	---	---
Nickel, total	7440-02-0	E420/WP	µg/L		0.42	---	---	---	---	---	---
Phosphorus, total	7723-14-0	E420/WP	µg/L		13	---	---	---	---	---	---
Potassium, total	7440-09-7	E420/WP	µg/L		1320	---	---	---	---	---	---
Rubidium, total	7440-17-7	E420/WP	µg/L		0.52	---	---	---	---	---	---
Selenium, total	7782-49-2	E420/WP	µg/L		Not Detected	---	---	---	---	---	---
Silicon, total	7440-21-3	E420/WP	µg/L		2790	---	---	---	---	---	---
Silver, total	7440-22-4	E420/WP	µg/L		0.0024	---	---	---	---	---	---
Sodium, total	7440-23-5	E420/WP	µg/L		19300	---	---	---	---	---	---
Strontium, total	7440-24-6	E420/WP	µg/L		82.5	---	---	---	---	---	---
Sulfur, total	7704-34-9	E420/WP	µg/L		24100	---	---	---	---	---	---
Tellurium, total	13494-80-9	E420/WP	µg/L		0.026	---	---	---	---	---	---
Thallium, total	7440-28-0	E420/WP	µg/L		Not Detected	---	---	---	---	---	---
Thorium, total	7440-29-1	E420/WP	µg/L		Not Detected	---	---	---	---	---	---
Tin, total	7440-31-5	E420/WP	µg/L		Not Detected	---	---	---	---	---	---

Matrix: Water

Analyte	CAS Number	Method/Lab	Unit	Client sample ID: Whitehead Elton Regional 3 - Distribution (Fire Hall) Distribution	---	---	---	---	---	---
				Client sampling date / time: 19-Nov-2025 12:05	---	---	---	---	---	---
				Sub-Matrix: Water	---	---	---	---	---	---
				WP2520233-001	---	---	---	---	---	---
				Result	---	---	---	---	---	---
Total Metals										
Titanium, total	7440-32-6	E420/WP	µg/L	Not Detected	---	---	---	---	---	---
Tungsten, total	7440-33-7	E420/WP	µg/L	Not Detected	---	---	---	---	---	---
Uranium, total	7440-61-1	E420/WP	µg/L	1.34	---	---	---	---	---	---
Vanadium, total	7440-62-2	E420/WP	µg/L	0.075	---	---	---	---	---	---
Zinc, total	7440-66-6	E420/WP	µg/L	15.6	---	---	---	---	---	---
Zirconium, total	7440-67-7	E420/WP	µg/L	Not Detected	---	---	---	---	---	---

Please refer to the General Comments section for an explanation of any result qualifiers detected.

CERTIFICATE OF ANALYSIS (GUIDELINE EVALUATION)

Work Order	: **WP2520241**		
Client	: **Manitoba Conservation & Climate**	Laboratory	: ALS Environmental - Winnipeg
Contact	: EDD	Account Manager	: Sheriza Rajack-Ahamed
Address	: 14 Fultz Boulevard Winnipeg Manitoba Canada R3Y 0L6	Address	: 1329 Niakwa Road East, Unit 12 Winnipeg MB Canada R2J 3T4
Telephone	:	Telephone	: +1 204 255 9720
Project	: Elton (Whitehead Elton Regional) - PWS 63.50	Date Samples Received	: 20-Nov-2025 10:26
PO	: ---	Date Analysis Commenced	: 24-Nov-2025
C-O-C number	: ----	Issue Date	: 28-Nov-2025 08:43
Sampler	: ---		
Site	: Elton (Whitehead Elton Regional) - PWS 63.50		
Quote number	: 2026 WTP Chemistry		
No. of samples received	: 1		
No. of samples analysed	: 1		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Guideline Comparison

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QC Interpretive report to assist with Quality Review and Sample Receipt Notification (SRN).

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

Signatories	*Position*	*Laboratory Department*
Kevin Baxter	Supervisor - Inorganic	Metals, Winnipeg, Manitoba
Morgan Bruce	Project Manager	Administration, Winnipeg, Manitoba

Analytical Results Evaluation

Matrix: Water

Analyte	CAS Number	Method/Lab	Unit	Client sample ID	Elton (Whitehead Elton Regional) 3 Distribution (Forrect Out) ---	---	---	---	---	---	---
				Client sampling date / time	19-Nov-2025 14:35	---	---	---	---	---	---
				Sub-Matrix	Drinking Water	---	---	---	---	---	---
				WP2520241-001		---	---	---	---	---	---
				Result		---	---	---	---	---	---
Field Tests											
Chlorine, free, field	7782-50-5	EF001/WP	mg/L		0.82	---	---	---	---	---	---
Chlorine, total, field	7782-50-5	EF001/WP	mg/L		0.92	---	---	---	---	---	---
Total Metals											
Manganese, total	7439-96-5	E420/WP	µg/L		0.74	---	---	---	---	---	---

Please refer to the General Comments section for an explanation of any result qualifiers detected.

APPENDIX E

2025 Lead Testing Report

Lead Testing 2025

Health Canada's Guidelines for Canadian Drinking Water Quality: **Copper** 2.0 mg/L & **Lead** 0.005mg/L

Water System Name	Water System ID	Intials	Date	Time	Copper Result (mg/L)	Lead Result (mg/L)	Year House Built
Whitehead Elton Regional	248.70	RB	December 22, 2025	11:00	0.071	0.002	2007
Whitehead Elton Regional	248.70	MB	July 15, 2025	10:00	0.014	<0.001	1979
Whitehead Elton Regional	248.70	MB	July 15, 2025	11:00	0.009	<0.001	2014
Whitehead Elton Regional	248.70	MB	July 15, 2025	09:00	0.032	<0.001	1978
Whitehead Elton Regional	248.70	MB	October 23, 2025	13:25	0.029	0.001	1946
Whitehead	248.80	KM	December 22, 2025	11:40	0.025	<0.001	1979
Whitehead	248.80	KM	December 22, 2026	12:09	0.037	0.002	1969
Whitehead	248.80	KM	December 22, 2027	12:16	0.026	<0.001	1980
Whitehead	248.80	KM	December 22, 2028	12:27	0.830	<0.001	1972
Whitehead	248.80	MB	July 15, 2025	10:45	0.025	<0.001	1910
Whitehead	248.80	MB	July 15, 2025	11:30	0.227	< 0.001	1997
Whitehead	248.80	MB	October 23, 2025	09:45	0.085	<0.001	1918
Whitehead	248.80	MB	October 16, 2025	09:55	0.032	<0.001	1984
Whitehead	248.80	MB	October 16, 2025	09:47	0.039	<0.001	1906
Whitehead	248.80	MB	October 16, 2025	11:00	0.060	<0.001	1965
Whitehead	248.80	MB	July 15, 2025	10:30	0.083	< 0.001	1975
Whitehead	248.80	MB	October 23, 2025	10:15	0.021	<0.001	1930
Whitehead	248.80	MB	October 23, 2025	10:30	0.024	<0.001	1900
Whitehead	248.80	MB	October 23, 2025	10:15	0.060	<0.001	1917
Whitehead	248.80	ET	Oct 16,2025	10:00	0.048	<0.001	1895
Whitehead	248.80	MB	October 16, 2025	01:00	0.068	0.001	1974
Whitehead	248.80	MB	October 16, 2025	08:00	0.030	<0.001	1913
Whitehead	248.80	MB	October 16, 2025	11:15	0.037	0.001	1942
Whitehead	248.80	MB	October 16, 2025	9:30	0.047	<0.001	1964
Whitehead	248.80	MB	October 16, 2025	09:08	0.020	<0.001	1979
Elton	63.50	MB	December 22, 2025	14:05	0.058	<0.001	1960
Elton	63.50	MB	December 22, 2026	14:15	0.023	<0.001	1965
Elton	63.50	MB	December 22, 2027	14:35	0.068	0.004	1920
Elton	63.50	MB	December 22, 2028	14:20	0.035	<0.001	1958
Elton	63.50	MB	October 23, 2025	13:55	0.030	0.001	1975
Elton	63.50	MB	October 23, 2025	12:45	0.181	0.001	1950
Elton	63.50	MB	September 23, 2025	09:30	0.157	0.003	1974
Elton	63.50	MB	July 15, 2025	14:00	0.092	< 0.001	1997
Elton	63.50	MB	September 23, 2025	09:45	0.035	0.001	1905
Elton	63.50	MB	September 23, 2025	10:24	0.027	<0.001	1968
Elton	63.50	MB	October 23, 2025	12:05	0.084	0.001	1968
Elton	63.50	MB	September 23, 2025	11:00	0.064	<0.001	1965
Elton	63.50	MB	September 23, 2025	11:37	0.070	0.002	1907
Elton	63.50	MB	September 23, 2025	09:10	0.108	<0.001	1986
Elton	63.50	MB	July 15, 2025	13:45	0.048	< 0.001	1985
Elton	63.50	MB	October 23, 2025	12:55	0.043	0.001	1980
Elton	63.50	MB	July 15, 2025	13:00	0.021	< 0.001	1930
Elton	63.50	MB	September 23, 2025	10:37	0.041	<0.001	1900
Elton	63.50	MB	September 23, 2025	08:41	0.029	<.001	1983
Elton	63.50	MB	September 23, 2025	08:56	0.021	<.001	1967