# Braeburn and Frenchman Lake Fish Health Assessments


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ENVIRONMENTAL DYNAMICS INC.
Down to Earth Biology

*Cover photo: Little Salmon/Carmacks community members pulling nets.*

# EXECUTIVE SUMMARY

This report summarizes the findings of a collaborative study on fish from two lakes in the Little Salmon/Carmacks First Nation (LSCFN) traditional territory: Braeburn and Frenchman lakes. LSCFN expressed curiosity regarding tissue metals concentrations in fish harvested from these lakes, as they are commonly accessed by community members for subsistence fishing. They also expressed a desire to collect information on general fish health and condition, including physical parameters (e.g., fish age, size) and other fish health parameters (e.g., abnormalities and parasites) with an aim to develop an understanding of baseline condition of fish in these lakes. EDI Environmental Dynamics Inc. (EDI) was retained to collaborate with LSCFN and develop a fish health study on these lakes.

Fieldwork on Braeburn Lake was conducted by an EDI fish biologist and LSCFN community members on October 11, 2025, and on Frenchman Lake on November 7, 2025. On Braeburn Lake, a total of 18 lake whitefish and two northern pike were assessed, and on Frenchman Lake five northern pike and one lake trout were assessed. All captured fish appeared to be in good health with no visible abnormalities.

Tissue samples from Braeburn Lake included muscle and liver, and on Frenchman Lake included muscle, liver, and gonads; these tissues were collected and submitted for laboratory analysis of total metal concentrations. The results were compared against available guidelines from various sources, including Health Canada, the Canadian Food Inspection Agency, the European Commission, and the British Columbia Ministry of Environment.

In both lakes, and for all species, majority of metals were in very low concentrations and not of concern for the consumption of fish. The metals with a low-risk rating included arsenic, cadmium, copper, and lead. Mercury is the only metal that is considered a moderate risk for fish in both lakes. Mercury is a key concern because it bioaccumulates (increases with a fish's age) and biomagnifies (increases at higher levels of the food chain). Unlike other metals, mercury accumulates in the muscle tissue. Mercury results are provided in more detail for each lake and species below.

**Mercury in Braeburn Lake (lake whitefish n = 10; northern pike n = 2):**

- Lake whitefish: The average mercury concentration in lake whitefish muscle tissue was 0.079 mg/kg ww, which is below the frequent consumer guideline of 0.2 mg/kg ww. Up to 1.152 kg of lake whitefish can be safely consumed by a 70 kg adult human.
- Northern pike: Mercury concentrations the two captured northern pike were considerably higher, averaging 0.303 mg/kg ww, which is above the frequent consumer guideline of 0.2 mg/kg ww, but below the commercial sale guideline of 0.5 mg/kg ww. Up to 0.300 kg of northern pike can be safely consumed weekly by a 70 kg adult human, based on the two fish analyzed.

**Mercury in Frenchman Lake (northern pike n = 5; lake trout n = 1):**

- Northern pike: The average mercury concentration in northern pike muscle tissue was 0.815 mg/kg ww, exceeding the frequent consumer guideline of 0.2 mg/kg ww. Up to 0.112 kg of northern pike can be safely consumed weekly by a 70 kg adult human.
- Lake trout: Mercury concentrations in the muscle of the single lake trout captured exceeded the frequent consumer guideline of 0.2 mg/kg ww and the commercial sale guideline of 0.5 mg/kg ww. This lake trout was 38 years old and had a considerable amount of mercury bioaccumulated, at 1.860 mg/kg ww. As such, a fish of this size and age had a weekly safe consumption limit of 0.049 kg for a 70 kg adult human.

The study concludes that fish from Braeburn and Frenchman lakes are generally safe for consumption. Arsenic, cadmium, copper, and lead were all found at low-risk levels. The main concern is with mercury concentrations in older, larger northern pike and lake trout, which present a moderate risk for consumers. The best way to offset the risks associated with mercury concentrations is to consume fish smaller than 65 cm, or limit the amount of weekly consumption of fish larger than 65 cm.

Based on these findings, this report recommends that community members limit their consumption of large (>65 cm), older northern pike and lake trout from Braeburn and Frenchman lakes to minimize mercury exposure. Younger, smaller northern pike and lake trout (<65 cm) are a safer option for frequent consumption; this recommendation is in line with the current Yukon Government advice regarding mercury and fish consumption.

## ACKNOWLEDGEMENTS

EDI would like to thank Rebbecca Freeman and Eric Fairclough for providing project direction and waterbodies of community concern. The crew acknowledges and thanks the Roberts Family for allowing them to participate in their family fish camp on Braeburn Lake. Additionally, thank you to Jodi O'Brien, Logan Sherk, Bill Kowlachuk, and Talan Blackjack from the Lands Department for their assistance netting fish in Frenchman Lake.

## AUTHORSHIP

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# ACRONYMS, ABBREVIATIONS AND UNITS

| Acronym/Abbreviation/Unit | Definition |
|---|---|
| < | less than |
| > | greater than |
| ± | plus or minus |
| % | percent |
| µg/kg | micrograms per kilogram |
| cm | centimetre |
| mm | millimeter |
| ha | hectare |
| g | gram |
| kg | kilogram |
| mg/kg ww | milligrams per kilogram wet weight |
| e.g., | for example (Latin *exempli gratia*) |
| i.e., | that is (Latin *id est*) |
| GPS | Global Positioning System |
| LSCFN | Little Salmon/Carmacks First Nation |
| EDI | EDI Environmental Dynamics Inc. |
| EFSA | European Food Safety Authority |
| FDAR | *Food and Drugs Act* and Regulations |
| ID | Identification |
| PTWI | provisional tolerable weekly intake |
| RSC | Revised Statute of Canada |
| TDI | tolerable daily intake |

# 1 INTRODUCTION

Braeburn Lake and Frenchman Lake are located within the traditional territory of the Little Salmon/Carmacks First Nation. Braeburn Lake is located 74 km SSE from Carmacks and is 78 ha, and Frenchman Lake is 23 km NE from Carmacks and is 1,441 ha (Map 1).

The Little Salmon/Carmacks First Nation (LSCFN) expressed curiosity regarding metals in fish harvested from these lakes, as they are commonly accessed by community members for subsistence fishing. They also expressed a desire to collect information on general fish health and condition, including physical parameters (e.g., fish age, size) with an aim to develop an understanding of baseline condition of fish in these lakes. EDI Environmental Dynamics Inc. (EDI) worked together with LSCFN and developed a study to collect the requested data and provide an opportunity for community members to learn about and participate in fish sampling.

Communications with LSCFN suggested that key species of importance to the community include, but are not necessarily limited to: lake whitefish (*Coregonus clupeaformis*), northern pike (*Esox lucius*), lake trout (*Salvelinus namaycush*), Arctic grayling (*Thymallus arcticus*), round whitefish *(Prosopium cylindraceum)*, inconnu *(Stenodus leucichthys)*, longnose sucker *(Catostomus catostomus)*, and burbot *(Lota lota)*. Of particular interest were lake whitefish as they are often targeted for harvesting by community members in the fall season. This sampling program occurred in tandem with community fishing, thus targeted whatever community members were targeting.

## 1.1 SCOPE OF WORK

The goal of the study was to investigate metal concentrations in fish from Braeburn and Frenchman lakes, as well as collect aging structures and complete a fish health assessment. The project team included EDI biologists and LSCFN community members (Photo 1), who worked together to collect fish from Braeburn and Frenchman lakes that could be assessed for general health and tissue metal concentrations.

**Photo 1.** **Little Salmon/Carmacks First Nation members Grace Wheeler, Rebbecca Freeman, and Ken Roberts (left to right) who participated in and helped facilitate fish sampling on Braeburn Lake.**

## 1.2 REGULATORY FRAMEWORK

The results presented in this report focus on concentrations of arsenic, cadmium, copper, lead, and mercury in fish tissues because they are regarded as the highest concerns for toxicity related to human consumption (the extent to which something is poisonous; Government of Canada 2022). Canada does not have a complete list of federal guidelines for metals in tissue that are protective of human consumers of fish. However, in addition to Health Canada and the Canadian Food Inspection Agency, additional guidelines are available from the British Columbia Ministry of the Environment, the European Commission, and the World Health Organization. Results are presented together with these guidelines to help explain the findings.

Results of fish tissue metals analysis are evaluated in two ways. The first method compares the tissue metals concentrations directly with available tissue metal guidelines set for human consumption (

Table 1). The second method evaluates consumption guidelines, which are expressed as tolerable weekly intake, and are based on the body weight of the human consumer of fish (Table 2).

**Table 1. Fish tissue metals guidelines to protect human consumers of fish.**

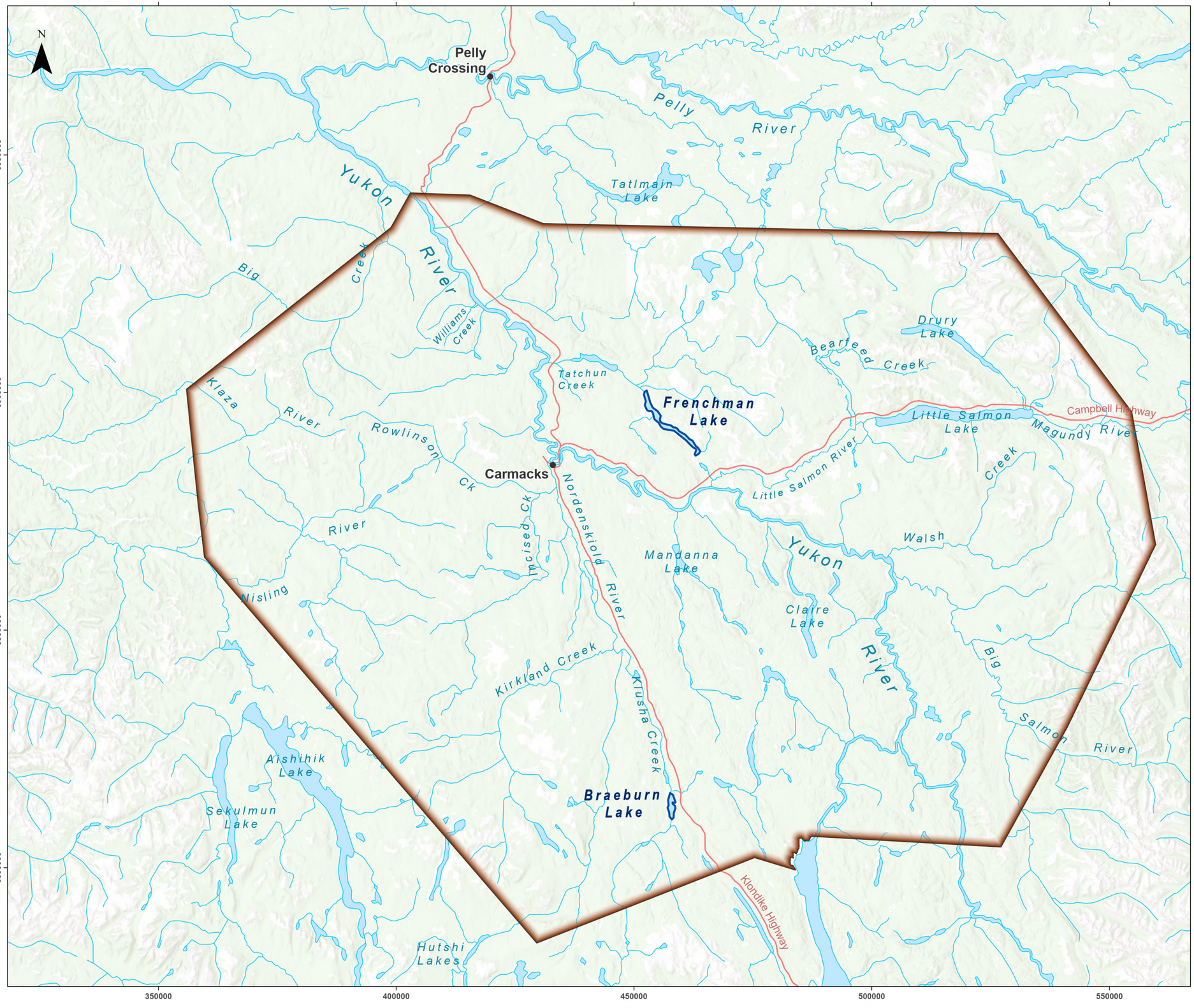
| Analyte | Tissue Guideline (µg/g or mg/kg ww*) | Source |
|---|---|---|
| Arsenic | 3.5 | (Canadian Food Inspection Agency 2010, Health Canada 2025) |
| Cadmium | 0.05 | (European Commission 2006) |
| Copper | - | No tissue guideline available |
| Lead | 0.3 | (European Commission 2006) |
| Mercury | 0.2 (frequent consumer), 0.5 (commercial sale) | (Health Canada 2025) (Canadian Food Inspection Agency 2011) |

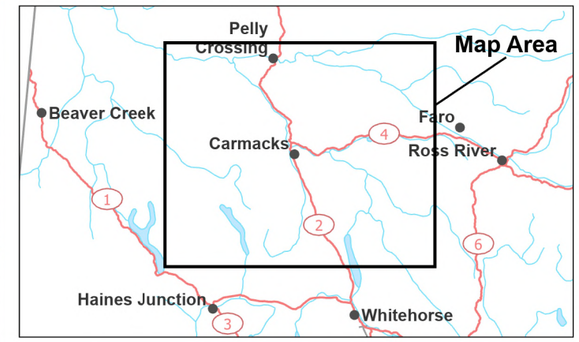
* µg/g ww is equal to mg/kg ww.

**Table 2. Consumption guidelines for consumption of fish.**

| Metal | Applicable Guidelines |
|---|---|
| Arsenic | Canada's *Food and Drugs Act*, RSC 1985, c F-27 and Regulations established a tolerance of 3.5 mg/kg of arsenic in fish protein |
| Cadmium | Tolerable weekly intake 2.5 µg/kg body weight (European Commission 2006) |
| Copper | Provisional tolerable weekly intake of 3.5 mg/kg body weight (245 mg/week for a 70 kg person) (World Health Organization [WHO] 1982) |
| Lead | Provisional tolerable weekly intake of 25 µg/kg body weight (European Commission 2006) |
| Mercury | Tolerable weekly intake of 1.3 µg/kg body weight (European Food Safety Authority [EFSA] Panel on Contaminants in the Food Chain (CONTAM) 2012) |

# Overview of study area in the Little Salmon Carmacks First Nation traditional territory




Legend

- City/Town
- Highway
- Watercourse
- Waterbody
- Little Salmon/Carmacks Traditional Territory

0 10 20 30 40 50
Kilometres

Map Scale = 1:800,000 (printed on 11 x 17)
Map Projection: NAD 1983 CSRS UTM Zone 8N

Data Sources

- First Nation Traditional Territory. GeoYukon. Government of Yukon. 2025.
- Base Data (Roads, Hydrology). CanVec 1,000,000 data, Natural Resources Canada, 2024.
- Basemap. World Hillshade. Esri, USGS

Disclaimer

EDI Environmental Dynamics Inc. has made every effort to verify this map is free of errors. Data have been derived from a variety of digital sources and, as such, EDI does not warrant the accuracy, completeness, or reliability of this map or its data.

| Drawn: | Checked: | | |
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| JM / CT/ XW | JMG / PS | Map 1 | Date: 3/30/2026 |

EDI

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# 2 METHODS

## 2.1 FISH SAMPLING

The Braeburn Lake field program took place from October 10 to 11, 2025; this sampling event included an EDI fish biologist and community members at Robert's family fish camp. Community members set nets on October 10, 2025, and pulled the following day. Similarly on Frenchman Lake, the crew consisted of several members from LSCFN's lands department who set the net on November 6, 2025, and two EDI fish biologists joined the crew the following day to complete sampling. In both instances LSCFN community members completed the gillnetting, thus a fish permit was not required.

### 2.1.1 SMALL-MESH GILLNETTING

Community members completed the gillnet sampling on both Braeburn and Frenchman lakes. Braeburn Lake net setting occurred on October 10 at 12:00, and was pulled on October 11, 2025, at 11:25 (Photo 2, Photo 3). A 38.1 mm (1.5") mesh net (30 m L × 1.8 m W) was set by the Lands Department on Braeburn Lake on November 6 at 14:00, and pulled on November 7, 2025, at 11:00. The net was set in water approximately 1.5 m deep.

**Photo 2. Rebbecca Freeman helps a youth remove a lake whitefish from the set gillnet on Braeburn Lake, October 11, 2025.**

**Photo 3. The set gillnet on Braeburn Lake, October 11, 2025.**

### 2.1.2 FISH PROCESSING

The captured fish were given a unique fish identification number, identified to species, and measured for length and weight. Fork length (the length of a fish from its snout to the fork of its tail) was measured to the nearest millimetre (mm). Weights were collected for the captured fish using a large (45,000 ± 10 g) water-resistant digital scale. The field crew also kept detailed notes and photos of observable fish condition, including deformities or injuries. Tissue and otoliths samples were also taken (discussed in more detail below, in Section 2.2).

### 2.1.3 FISH HEALTH ASSESSMENT

During the fish processing, a fisheries biologist conducted a basic fish health assessment (Photo 4). Braeburn Lake had 18 lake whitefish and 2 northern pike assessed; Frenchman Lake had 5 northern pike and 1 lake trout assessed. Each fish was checked for external body condition, internal organ condition, the presence of parasites, and anything else out of the ordinary (Appendix Table A-1). Stomach contents were also examined to determine the main sources of food, where possible. Similar assessments have been completed on other Yukon lakes (EDI 2018, 2022, 2024). The parasites of interest were chosen using the Yukon Government Fish Health Handbook (Environment Yukon 2014).

Initially fish were assessed and given a severity score between 0 – 3 for any external parasites (e.g., fish lice, leeches, eye fluke) and damage or fungal growth on their skin, and given a binary score of '1' or '0' for gill

condition (1 – damage; 0 – no damage) and tumours (1 – present; 0 – none; Appendix Table A-1). Fish were dissected, and their internal organ condition was assessed and given a condition score of '0' if no abnormalities were found, or a score of '1' if visible abnormalities were documented (Appendix Table A-1). Additional notes and photos were taken if an abnormality was found.

Once these conditions had been assessed, a similar scoring method was used on internal parasite load (Appendix Table A-2). Parasites that were quantified or counted included: parasitic intestinal worms of unknown species, broad tapeworm (*Diphyllobothrium*), roundworms (*Raphidascaris* and *Cystidicola*), spiny-headed worm (*Neoechinorhynchus*), and sand-grain heart (*Cotylurus*). Each parasite of interest was given a condition score based on approximate severity: a score of '0' was given for no evidence of parasite; a score of '1' (1 to 25 individuals) for mild; '2' for moderate (26 to 49 individuals); and '3' for severe (50 individuals or more; Appendix Table A-2). Additional notes and photos were taken of any unusual parasite loads or other apparent abnormalities. The only microparasite that can be passed to humans and pets are broad tapeworm (*Diphyllobothrium*) if the fish is not cooked to an internal temperature of at least 63°C, or frozen in -20°C for a minimum of 7 days (Environment Yukon 2014). These parasites are found primarily on the internal organs and rarely on the flesh.

It is important to note that the discovery of any of these parasites is not a cause for concern, as they do exist with regularity and have evolved with these fish species. The purpose of completing these assessments was to provide another index for fish health in the lake.

**Photo 4.** **EDI fish biologist (P. Szekeres) shows community members the process of the fish health assessments on October 11, 2025.**

### 2.1.4 TAPEWORM CYST COUNTS – BRAEBURN LAKE

The focus of the tapeworm cyst count was to quantitatively assess the fish muscle tissue for encysted *Triaenophorus crassus*, a common tapeworm that exists as a cyst in the flesh of lake whitefish before they are consumed by a northern pike. These tapeworms are newly recruited into the stomachs of pike after each spawning season (when the parasite also releases their eggs). The tapeworms are smallest in size in the early-mid summer and grow in the pike stomach over the year. After the pike passes the tapeworm during spawning season, the tapeworm releases its eggs into the surrounding water. The tapeworm eggs are consumed by *Cyclops* species (a copepod), and then by lake whitefish. The *T. crassus* parasite becomes encysted into the flesh of the lake whitefish (for 5+ years), until the whitefish is consumed by a pike and the cycle continues (Miller 1952). Older and larger fish tend to have fewer *T. crassus* in their flesh, as the *T. crassus* die before their cycle can complete, since the lake whitefish was not eaten by a northern pike when it was younger and smaller.

These cyst counts only occurred on Braeburn Lake due to the presence of lake whitefish. A subset of lake whitefish from Braeburn Lake were assessed for tapeworm cysts using methods consistent with similar studies (EDI 2018, 2022, 2024). Ten lake whitefish were sampled as part of the Braeburn Lake assessments; while this is not a large enough sample size to provide any quantitative data or comparisons, it does provide a qualitative assessment of *T. crassus* infestation.

For fish sampled, muscle tissue was filleted off each side of the fish and weighed with the skin on. The fillets were laid skin-side-down and were cut with a knife at 45 degrees to the skin, every centimeter for the length of the fillet (Photo 5). The number of cysts found were enumerated and recorded. Infestation rate per kilogram of individual fish were calculated using:

$$\text{Infestation rate per kg of muscle} = \frac{\text{Number of cysts}}{\text{Sample weight (kg)}}$$

No summed infestation rate was calculated due to the small, variable sample size, thus making quantitative comparison to other lakes not possible.


**Photo 5. EDI fish biologist conducts a cyst count on an adult lake whitefish, October 11, 2025.**

## 2.2 SAMPLING FOR LABORATORY ANALYSIS

### 2.2.1 FISH TISSUE

The goal of the study was to collect approximately 10 fish of each species, large enough to be used for human consumption (250 mm and above) and collect and submit fish tissue samples to a laboratory for analysis of total metals. Each of these fish were gutted and cleaned, and muscle and liver tissue samples of approximately 10 g were kept for analysis. The remainder of the fish muscle (fillet) was frozen for future community consumption. Due to low capture of some species, it was decided to also collect gonad samples (the sex organ that produces sperm in male fish and eggs in female fish) to provide additional data regarding metals storage within fish bodies. The tissues were bagged, labelled, stored on ice until being transferred to a -20°C freezer later in the day. EDI submitted the fish tissue samples to CARO Laboratory, a laboratory accredited by the Canadian Association for Laboratory Accreditation, for analysis of total metals concentrations and percent moisture.

### 2.2.2 AGING STRUCTURES

To determine the age of each captured fish, otoliths (i.e., ear bones) or cleithra (i.e., jaw bones) were collected. Lake whitefish and lake trout had otoliths taken, whereas northern pike had cleithra taken. Otoliths are hard bony structures in the head of the fish that form a layer of mineral deposits each year of a fish's life (Photo 6,

Photo 7). These layers are counted (similar to counting tree rings) and provide the age of each fish. Each fish was carefully handled to minimize damage, and the otoliths were extracted following established protocols. The extracted otoliths were cleaned, stored in labelled envelopes, and then sent to Otolith-Tech's (Paul Drombolis) aging laboratory in Thunder Bay, Ontario. Otoliths are used to provide reliable and precise aging data and contribute to assessing population structure and analyzing growth. Otoliths are less reliable in northern pike than cleithra, thus cleithra were sent to the lab, and are analyzed similarly to otoliths.

**Photo 6. Rebbecca Freeman (LSCFN) removes otoliths from lake whitefish caught in Braeburn Lake on October 11, 2025.**

Photo 7. Otoliths (bony aging structures) extracted from a lake whitefish on October 11, 2025.

# 3 RESULTS AND DISCUSSION

## 3.1 FISH SAMPLING

### 3.1.1 BRAEBURN LAKE

Subsistence fishing used in this study occurred on Braeburn Lake on October 10 and 11, 2025. Nets were set in the early afternoon on October 10 and pulled midday on October 11, 2025. A total of 20 fish were captured on Braeburn Lake using small-mesh gillnetting during community subsistence fishing. The fish captured included 18 lake whitefish and two northern pike.

Lake whitefish ranged in length from 390 – 540 mm, with an average length of 441.8 mm (± 104.1 mm SE), and ranged in weight from 824 g – 2,190 g, with an average weight of 1145.3 g (± 269.9 mm SE). Ages of lake whitefish ranged from 3 to 12 years (Photo 8, Photo 9), with an average age of 4.4 years (± 1 year SE). A total of 20 lake whitefish were assessed, with 19 males and a single female (Table 3). Only two northern pike were captured, and both were 4-year-old females (Table 3).

**Table 3. Fish capture data summary from Braeburn Lake on October 11, 2025.**

| Fish ID | Species | Fork Length (mm) | Weight (g) | Age (yrs) | Sex |
|---|---|---|---|---|---|
| 001B | LW | 435 | 1,164 | NA | Male |
| 002B | LW | 540 | 2,190 | 12 | Male |
| 003B | LW | 440 | 1,170 | 3 | Male |
| 004B | LW | 390 | 824 | 3 | Male |
| 005B | LW | 445 | 1,206 | 4 | Male |
| 006B | LW | 430 | 1,088 | 4 | Male |
| 007B | LW | 420 | 1,012 | 4 | Female |
| 008B | LW | 450 | 1,066 | 4 | Male |
| 009B | LW | 430 | 1,100 | 4 | Male |
| 010B | LW | 440 | 1,110 | 4 | Male |
| 011B | LW | 450 | 1,023 | 4 | Male |
| 012B | LW | 437 | 1,072 | 4 | Male |
| 013B | LW | 442 | 1,078 | 4 | Male |
| 014B | LW | 450 | 1,060 | 4 | Male |
| 015B | LW | 422 | 1,070 | 4 | Male |
| 016B | LW | 457 | 1,212 | 4 | Male |
| 017B | LW | 432 | 1,112 | 4 | Male |
| 018B | LW | 440 | 1,058 | 4 | Male |
| 019B | NP | 678 | 2,290 | 4 | Female |
| 020B | NP | 646 | 1,930 | 4 | Female |

Notes: LW = lake whitefish, NP = northern pike; NA = not applicable

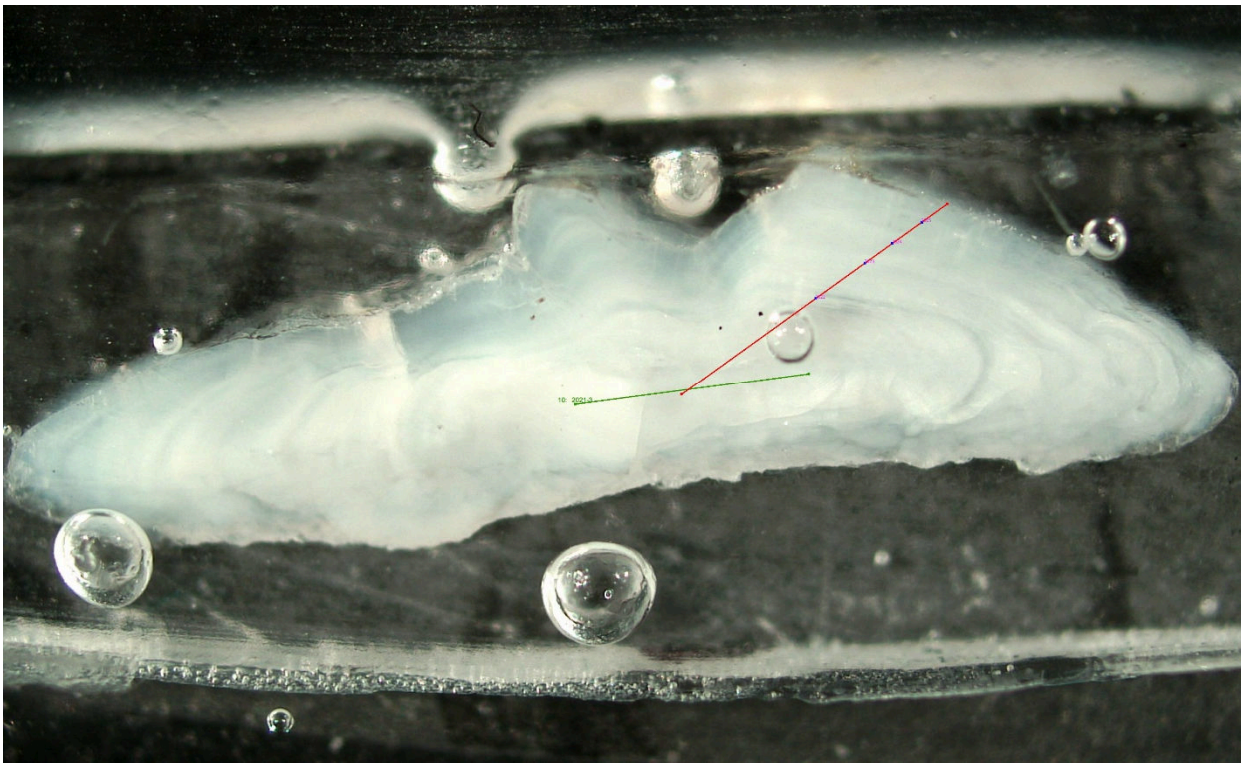

Photo 8. A mounted slide of a 4-year-old lake whitefish. The green line denotes the first year of life, and the red line intersects each other year. The very small blue dots along the red line indicate each year.

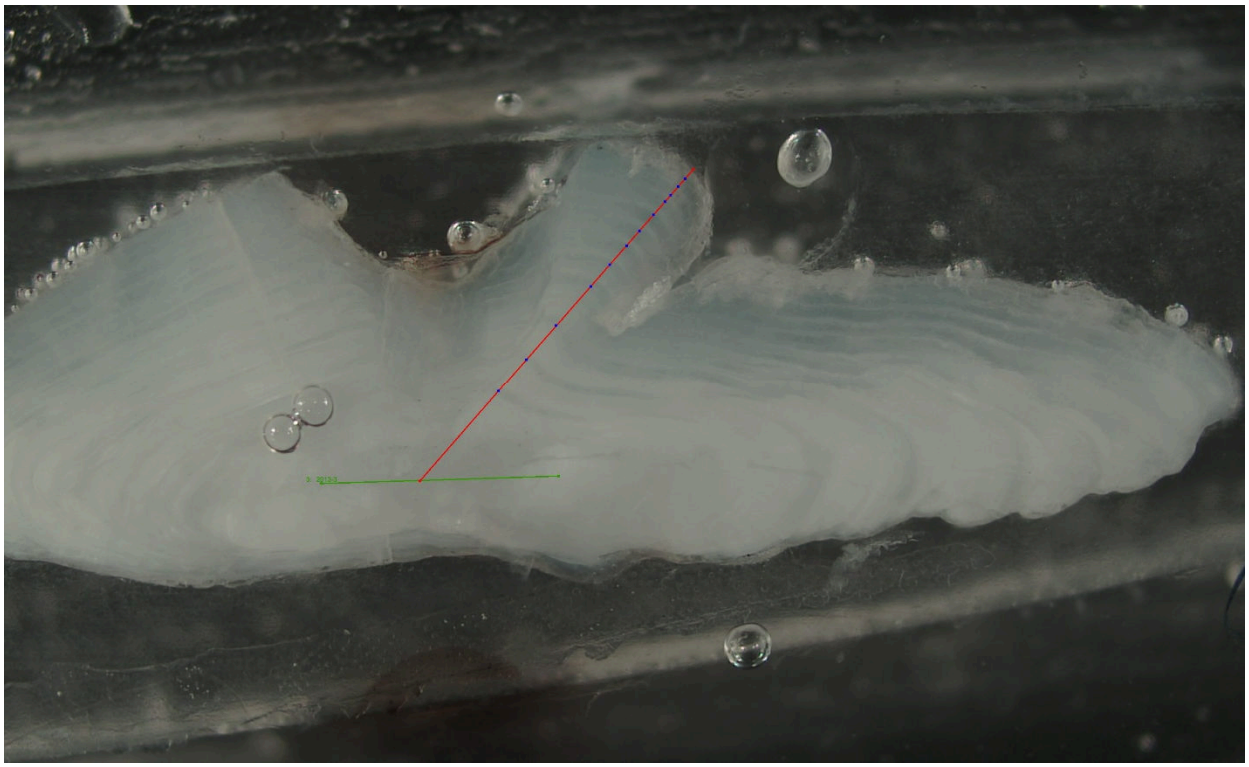

Photo 9. A mounted slide of a 12-year-old lake whitefish. The green line denotes the first year of life, and the red line intersects each other year. The very small blue dots along the red line indicate each year.

### 3.1.2 FRENCHMAN LAKE

A total of six fish were captured on Frenchman Lake using small-mesh gillnetting by the LSCFN Lands Department on November 6 and 7, 2025. The fish captured included five northern pike and one lake trout (Table 4).

Northern pike ranged in length from 670 mm to 920 mm, with an average length of 832 mm, and ranged in weight from 2,550 g to 6,850 g, with an average weight of 4,634 g. Ages of northern pike ranged from 4 to 9 years, with an average age of 7.2 years. All northern pike captured on Frenchman Lake were females (Table 4). A single lake trout was caught and was 830 mm fork length and 5,870 g in weight; this individual was 38 years old (Photo 11).

**Table 4. Fish capture data summary from Frenchman Lake on November 7, 2025.**

| Fish ID | Species | Fork Length (mm) | Weight (g) | Age (yrs) | Sex |
|---|---|---|---|---|---|
| 001F | NP | 920 | 6,850 | 9 | Female |
| 002F | NP | 820 | 3,680 | 8 | Female |
| 003F | NP | 670 | 2,550 | 4 | Female |
| 004F | NP | 890 | 5,550 | 8 | Female |
| 005F | NP | 860 | 4,540 | 7 | Female |
| 006F | LT | 830 | 5,870 | 38 | Female |

Notes: NP = northern pike, LT = lake trout

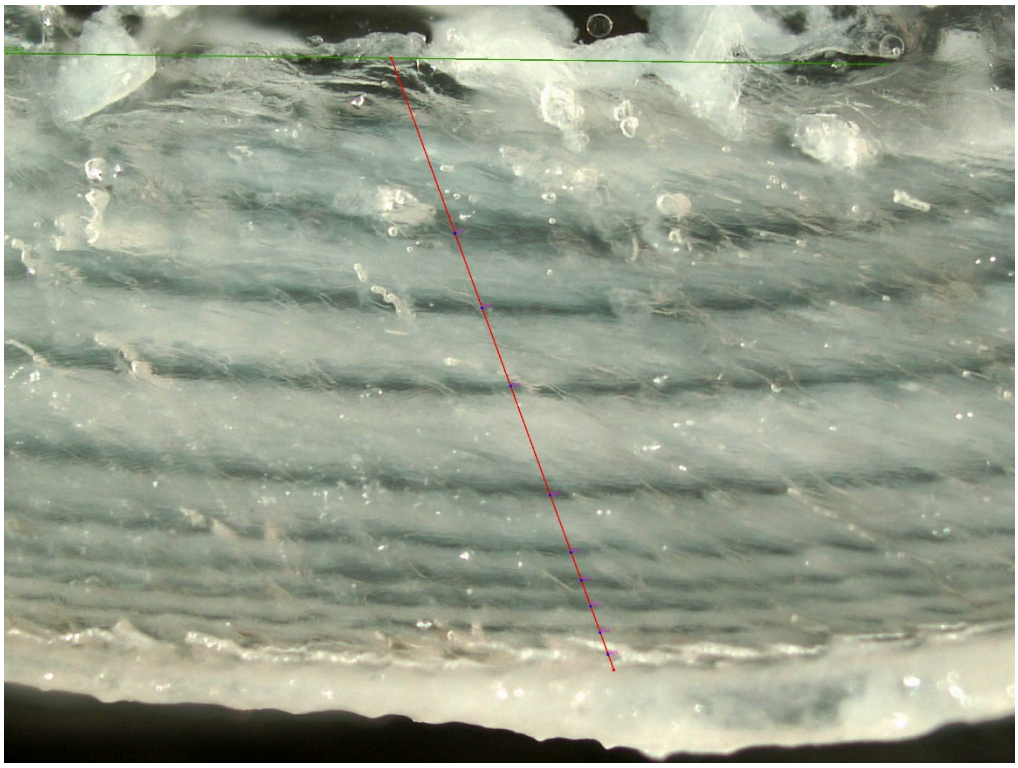

**Photo 10.** **A cleithra of a 9-year-old northern pike. The green line denotes the first year of life, and the red line intersects each other year. The very small blue dots along the red line indicate each year.**

Of the fish captured on Frenchman Lake, the lake trout was the most noteworthy in the field. Firstly, it had very large fins relative to its body and shape (Photo 11). Furthermore, the condition of its organs was different from those of the other fish sampled in this program, and its otoliths were very thick, all suggesting that it was an older fish. These observations were supported following successful aging – this fish was determined to be 38 years old (Photo 12). Other observations and noteworthy remarks on this fish are covered in the below sections (Section 3.2 and 3.3).


Photo 11. Large lake trout captured from Frenchman Lake on November 7, 2025.

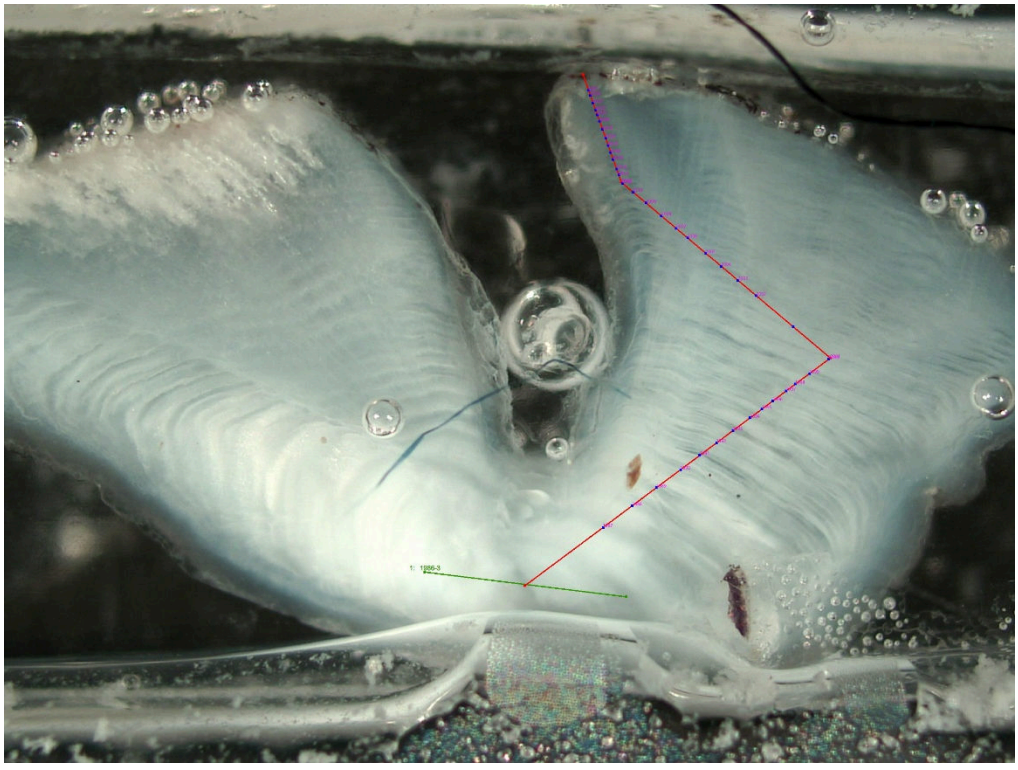

Photo 12. A mounted slide of a 38-year-old lake trout. The green line denotes the first year of life, and the red line intersects each other year. The very small blue dots along the red line indicate each year.

## 3.2 FISH HEALTH ASSESSMENT

Each fish was checked for external body condition, internal organ condition, the presence of parasites, and anything else out of the ordinary (Appendix Table A-1). The external assessment consisted of: skin condition (fungus, damage), eye condition (damage), gill condition (damage, fungus), fins (fraying, damage), and presence/absence of lice, leeches, eye flukes, and tumours.

Internal organs (liver, spleen, kidney, heart, reproductive organs) were scored based on the presence/absence of any abnormalities. Internal parasites that were quantified or counted included: parasitic intestinal worms of unknown species, broad tapeworm (*Diphyllobothrium*), roundworms (*Raphidascaris* and *Cystidicola*), spiny-headed worm (*Neoechinorhynchus*), and sand-grain heart (*Cotylurus*). Each parasite of interest was given a condition score based on approximate severity (Appendix Table A-1).

Overall, all fish were in good condition. The 38-year-old lake trout had the highest number of abnormalities and prevalence of parasites, which is not unexpected given its age and body condition.

### 3.2.1 BRAEBURN LAKE

Eighteen lake whitefish and two northern pike from Braeburn Lake had a fish health assessment conducted. No fish had any evidence of external deformities or concerns. Similarly, there were not many abnormalities of note on internal organs; any hearts that had an 'abnormal' score ('1') were from the presence of sandgrain heart, a common parasite (Appendix Table A-3 ; Environment Yukon 2014).

Internally, there was nothing of alarm or concern, with any visible parasite loads within what would be expected. The parasite loads on Braeburn and Frenchman lakes were comparable, or lower, than various other Yukon lakes that have had a similar assessment completed (EDI 2018, 2022, 2024, 2025).

Of all the parasites that can be present in Yukon fish species, only one is transferrable to humans and canines if the fish is consumed raw, broad tapeworm (*Diphyllobothrium*). Only one lake whitefish had low numbers of broad tapeworm (Appendix Table A-3). This parasite is not often found in the musculature of the fish and primarily is on the surface of the stomach and other internal organs. It is still recommended that consumers cook fish to an internal temperature of at least 63 °C, or freeze fish at -20 °C for at least 7 days (Environment Yukon 2014). Smoking does not kill this parasite; it is recommended to first freeze the fish before smoking (though again, very rarely found in the fillets of fish).

Overall, the lake whitefish and northern pike assessed in Braeburn Lake appeared to be in good health. Visibly they looked healthy and robust, with low (or no) external parasite loads (e.g., lice). Internally, there was nothing of alarm or concern, with any visible parasite loads within what would be expected. The parasite loads on Braeburn Lake were comparable, or lower, than various other Yukon lakes that have had a similar assessment completed (EDI 2018, 2022, 2024, 2025).

### 3.2.2 FRENCHMAN LAKE

Five northern pike and a single lake trout had a fish health assessment conducted on Frenchman Lake (Photo 13). Based on visual assessment, the captured fish appeared to be in good health. No concerns or abnormalities were present, though the fin proportions of the lake trout were noted. All of the northern pike had intestinal tapeworms, which is expected (EDI 2018, 2022, 2024, 2025), and no other parasites were observed in northern pike.

**Photo 13. Rebbecca Freeman (LSCFN) and P. Szekeres (EDI) completing fish health assessments on northern pike from Frenchman Lake.**

The single lake trout had more evidence of organ abnormalities and had some parasites present. The organs in the lake trout were large, likely due to its age (Photo 14). The reproductive organs were a consistency that did not make it immediately clear what the sex of the lake trout was (Photo 15). The liver and surface of the gut contained a considerable number of visible parasites, deemed to be broad tapeworm (*Diphyllobothrium*) and roundworm (*Raphidascaris*; Photo 16, Photo 17; Appendix Table A-3).

Photo 14. Organs in the lake trout from Frenchman Lake.

Photo 15. Sex organs of the 38-year-old lake trout on Frenchman Lake.

Photo 16. Evidence of broad tapeworm (*Diphyllobothrium*) and roundworm (*Raphidascaris*) on the lake trout liver from Frenchman Lake.

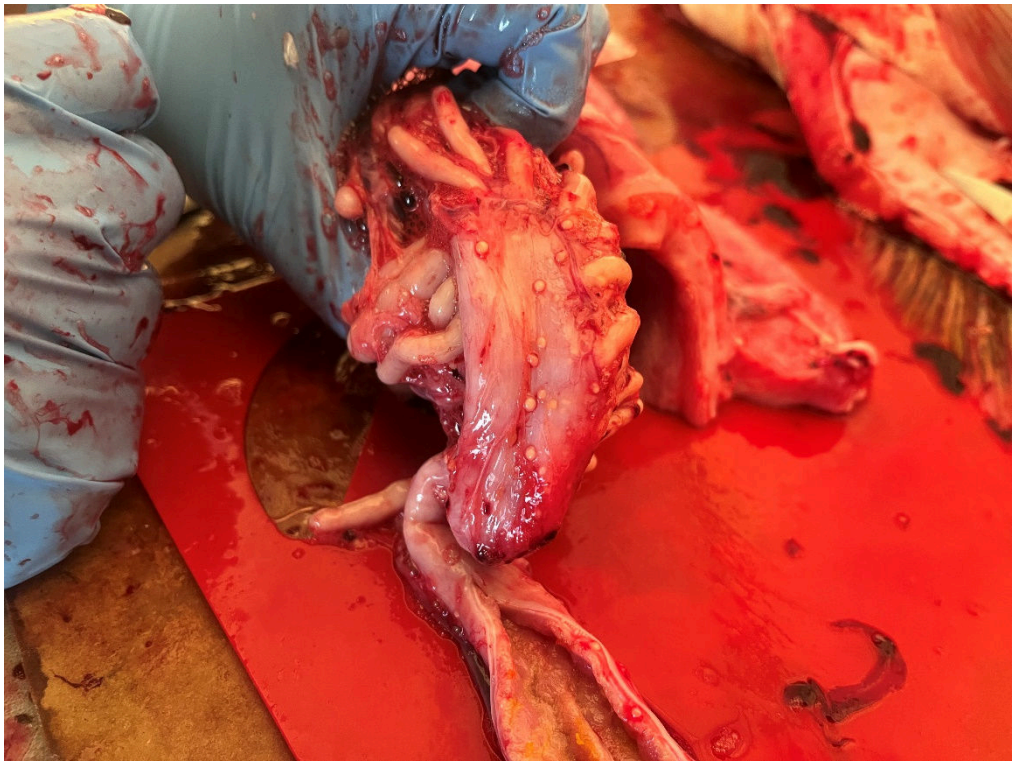

Photo 17. Evidence of broad tapeworm (*Diphyllobothrium*) and roundworm (*Raphidascaris*) on the lake trout gut from Frenchman Lake.

## 3.3 TISSUE METALS CONCENTRATIONS

### 3.3.1 BRAEBURN LAKE

Sampling on Braeburn Lake captured lake whitefish and northern pike that were used for metals analysis of muscle and liver tissues and is discussed in more detail below (Table 5, Table 6). Tissue samples from ten lake whitefish were submitted for analysis of metals concentrations. However, only two northern pike were captured in the net sets, thus information was only collected on two northern pike. Therefore it is important to note that the data may not be representative of the population.

**Table 5. Summary statistics for metals concentrations in lake whitefish tissues (muscle and liver) from fish captured in Braeburn Lake in October 2025.**

| Analyte | Unit | Guideline | Lake Whitefish Muscle (n = 10) | | | Lake Whitefish Liver (n = 10) | | |
|---|---|---|---|---|---|---|---|---|
| | | | Minimum | Maximum | Mean | Minimum | Maximum | Mean |
| Arsenic | mg/kg wet | 3.5 | 0.038 | 0.060 | 0.051 | 0.038 | 0.112 | 0.079 |
| Cadmium | mg/kg wet | 0.05 | <0.002 | <0.002 | <0.002 | 0.003 | 0.018 | 0.007 |
| Copper | mg/kg wet | - | 0.900 | 1.480 | 1.133 | 3.420 | 23.100 | 7.694 |
| Lead | mg/kg wet | 0.3 | <0.004 | <0.004 | <0.004 | 0.006 | 0.045 | 0.025 |
| Mercury | mg/kg wet | 0.2 | 0.052 | 0.114 | 0.079 | 0.080 | 0.366 | 0.211 |

**Table 6. Summary statistics for metals concentrations in northern pike tissues (muscle and liver) from fish captured in Braeburn Lake in October 2025.**

| Analyte | Unit | Guideline | Northern Pike Muscle (n = 2) | | | Northern Pike Liver (n = 2) | | |
|---|---|---|---|---|---|---|---|---|
| | | | Min | Max | Mean | Min | Max | Mean |
| Arsenic | mg/kg wet | 3.5 | 0.037 | 0.038 | 0.038 | 0.047 | 0.050 | 0.048 |
| Cadmium | mg/kg wet | 0.05 | <0.002 | <0.002 | <0.002 | 0.008 | 0.019 | 0.014 |
| Copper | mg/kg wet | - | 0.306 | 0.452 | 0.379 | 10.900 | 15.200 | 13.050 |
| Lead | mg/kg wet | 0.3 | <0.004 | <0.004 | <0.004 | <0.004 | <0.004 | <0.004 |
| Mercury | mg/kg wet | 0.2 | 0.297 | 0.308 | 0.303 | 0.163 | 0.267 | 0.215 |

#### 3.3.1.1 Arsenic

The tissue consumption guideline for arsenic is 3.5 mg/kg ww (Canadian Food Inspection Agency 2010, Health Canada 2025). Arsenic concentrations were low in all tissue samples from lake whitefish, northern pike, and the single lake trout captured from both Braeburn and Frenchman lakes. Muscle tissue concentrations in all samples were far below the Canadian consumption guideline of 3.5 mg/kg ww. In Braeburn Lake, mean muscle arsenic concentrations were 0.05 and 0.04 mg/kg ww in lake whitefish (n = 10) and northern pike (n = 2), respectively. (Table 5, Table 6 and Figure 1). In lake whitefish samples, the arsenic concentrations were lowest in muscle tissue, and slightly higher in liver (mean = 0.079); this difference is

normal because the liver is responsible for clearing arsenic, and many other heavy metals out of the fish body (Hemmadi 2017). Only two northern pike had metal analysis completed, with arsenic levels being similar in both the muscle and liver (mean = 0.04 and 0.05 respectively; Figure 1).

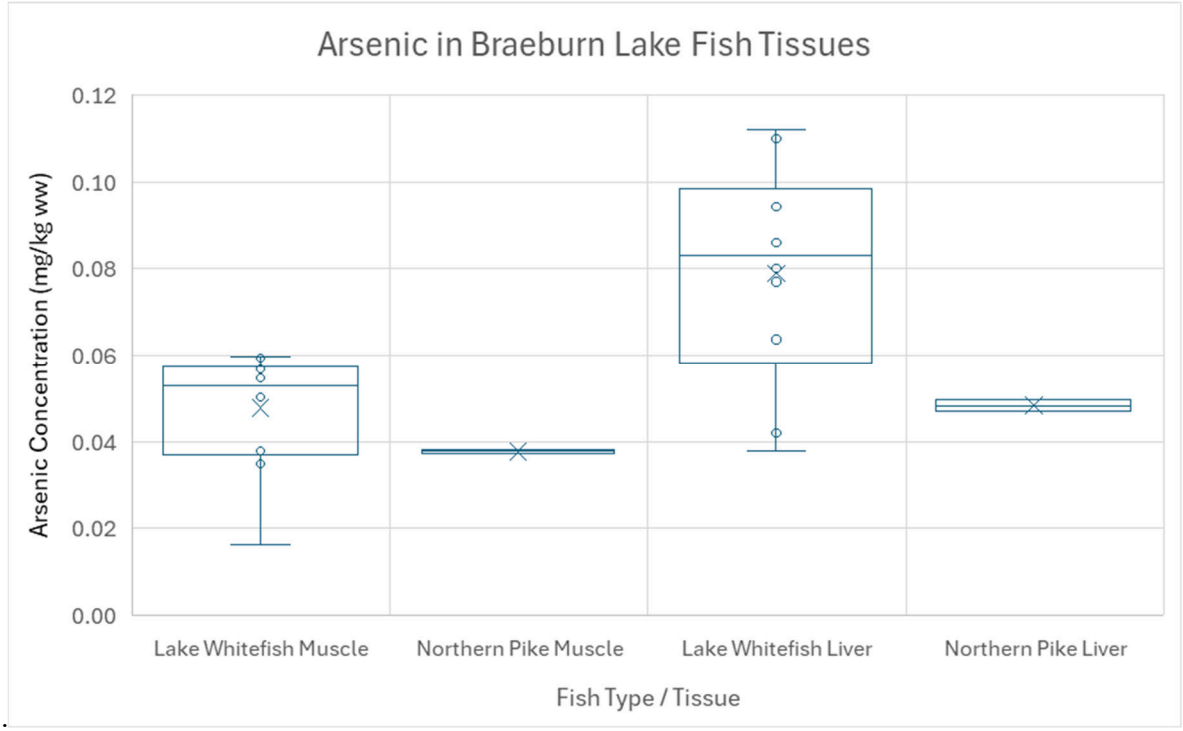


**Figure 1. Box and whisker plot of arsenic concentrations in lake whitefish (n = 10) and northern pike (n = 2) muscle and liver tissues.**

*This plot shows the range of data: the ends of the whiskers are the minimum and maximum values, while the box shows the 25th and 75th quartiles. The line inside the box shows the average, and the 'x' indicates the median.*

### 3.3.1.2 Cadmium

The tissue guideline for cadmium is 0.05 mg/kg ww (European Commission 2006). Cadmium concentrations in lake whitefish and northern pike muscle were below 0.002 mg/kg ww, the detectable limit for cadmium analysis (Figure 2; Table 5, Table 6). Cadmium concentrations in the liver samples were higher, with mean lake whitefish and northern pike liver tissue cadmium concentrations of 0.007 and 0.048 mg/kg ww, respectively (Figure 2; Table 5, Table 6). In both lake whitefish and northern pike samples, the cadmium concentrations were lowest (undetectable) in muscle tissue, and higher in liver (Figure 2); this difference is normal because the liver is responsible for clearing many metals, including cadmium, out of the fish body (Hemmadi 2017).

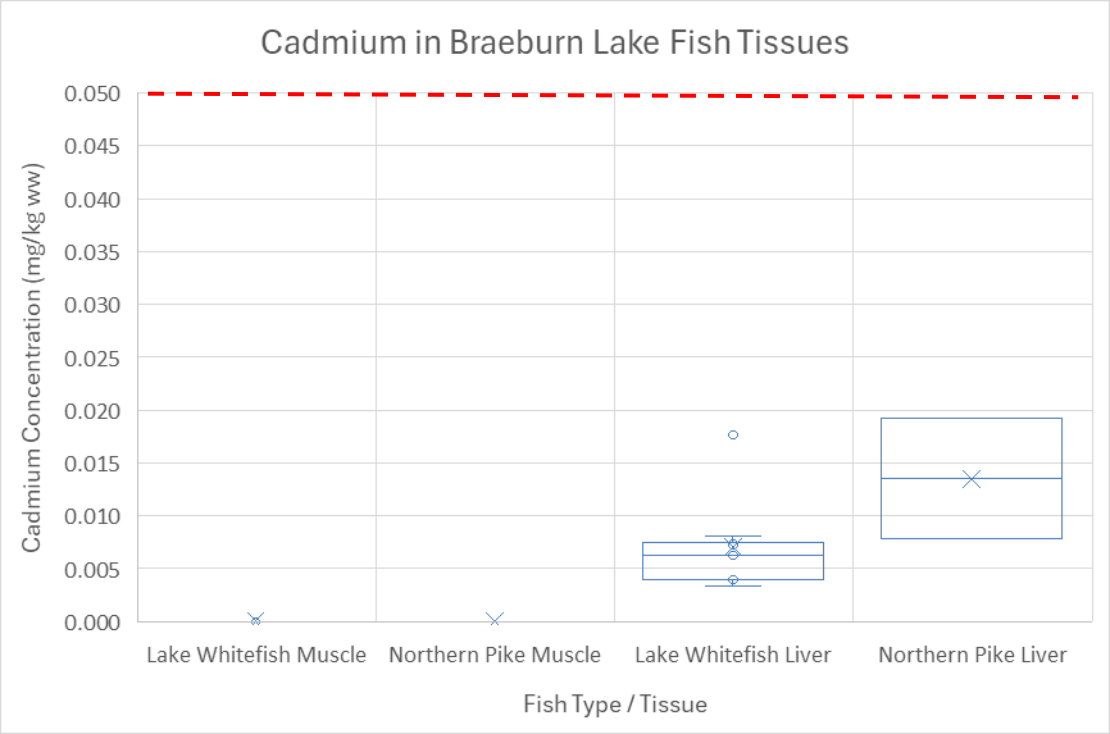


**Figure 2. Box and whisker plot of cadmium concentrations in lake whitefish (n = 10) and northern pike (n = 2) muscle and liver tissues.**
*This plot shows the range of data, the ends of the whiskers are the minimum and maximum values, while the box shows the 25th and 75th quartiles. The line inside the box shows the average, and the 'x' indicates the median.*

#### 3.3.1.3 Copper

There are currently no tissue guidelines for copper. Similar to trends seen in arsenic and cadmium, copper concentrations were lower in muscle tissue than in liver tissue. Mean concentrations in muscle tissues of lake whitefish and northern pike were 1.133 and 0.379 mg/kg ww, respectively (Figure 3; Table 5, Table 6). For liver samples, the mean copper concentrations were 7.694 mg/kg ww for lake whitefish, and 13.050 mg/kg ww for northern pike (Figure 3; Table 5, Table 6).

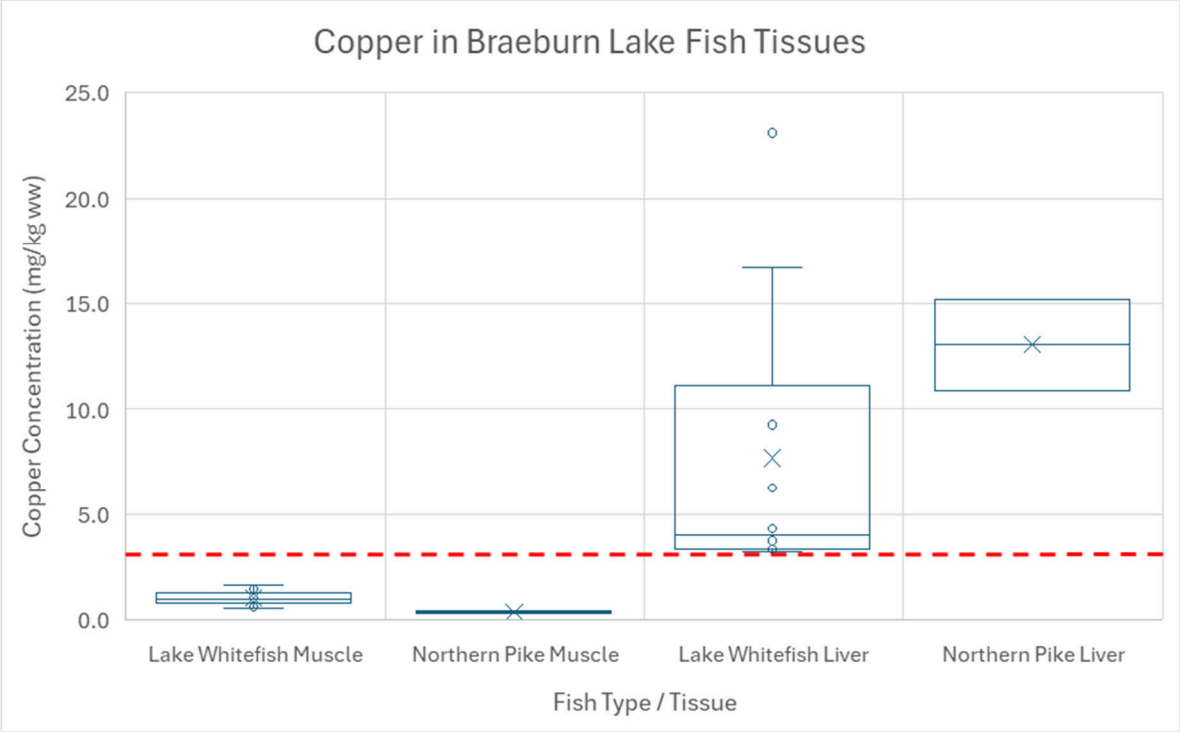


**Figure 3. Box and whisker plot of copper concentrations in lake whitefish (n = 10) and northern pike (n = 2) muscle and liver tissues.**
*This plot shows the range of data, the ends of the whiskers are the minimum and maximum values, while the box shows the 25th and 75th quartiles. The line inside the box shows the average, and the 'x' indicates the median.*

#### 3.3.1.4 Lead

Concentrations of lead were extremely low, generally below laboratory detection, in all samples from lake whitefish and northern pike (Figure 4; Table 5, Table 6). Lead concentrations in all tissues from both species of fish were far below the tissue guideline of 0.30 mg/kg ww (European Commission 2006).

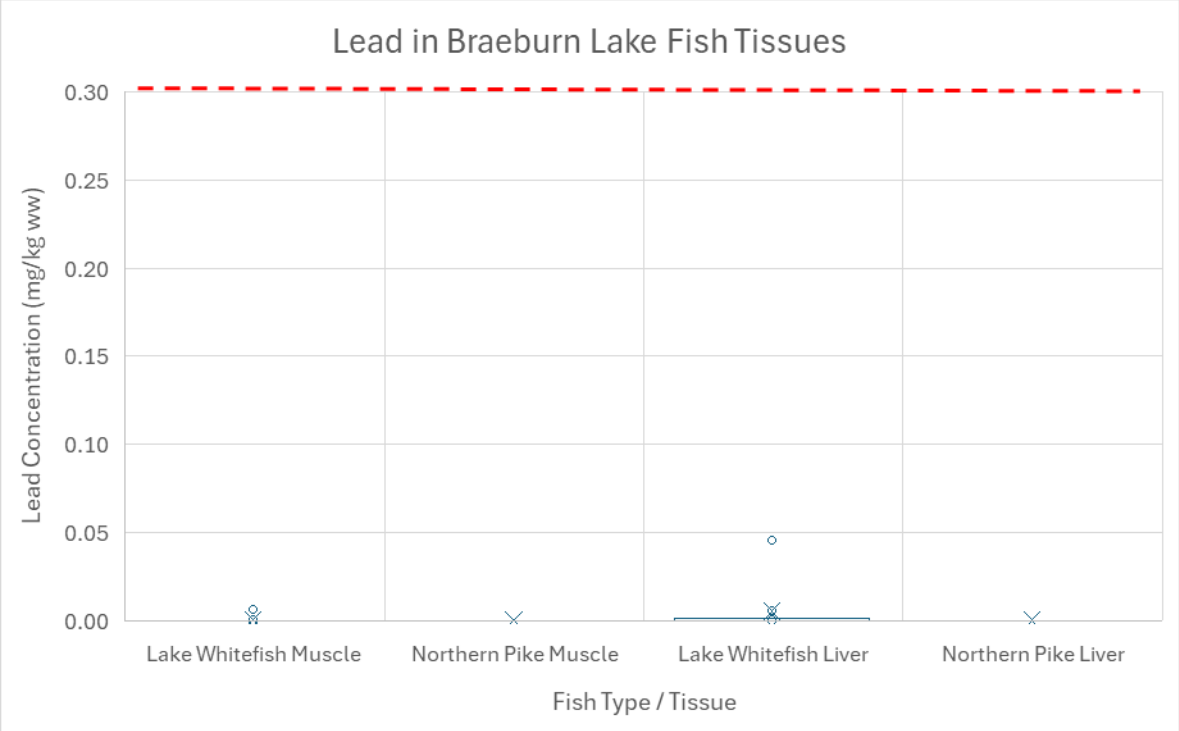


**Figure 4. Box and whisker plot of lead concentrations in lake whitefish (n = 10) and northern pike (n = 2) muscle and liver tissues.**
*This plot shows the range of data, the ends of the whiskers are the minimum and maximum values, while the box shows the 25th and 75th quartiles. The line inside the box shows the average, and the 'x' indicates the median.*

#### 3.3.1.5 Mercury

Mercury is known to bioaccumulate and biomagnify in fish tissues. Bioaccumulation means that concentrations of mercury in fish tissues increase as fish get older; this occurs when fish consume mercury faster than their bodies can remove it. Biomagnification means that concentrations of mercury increase with each level of the food chain; for example, concentrations are lowest in algae and benthic invertebrates, higher in fish that eat benthic invertebrates, and highest in species like northern pike and lake trout, which often have a diet that includes other fish. Unlike other metals, mercury accumulates in the muscle tissue of the fish, so mercury concentrations in the muscle tissues can be similar to or higher than concentrations in the liver and gonads. The Canadian guideline for frequent consumers of fish is 0.2 mg/kg ww, and the commercial sale standard is 0.5 mg/kg ww (Health Canada 2025).

Mercury concentration in lake whitefish muscle tissue ranged from 0.052 to 0.114 mg/kg ww, with an average of 0.079 mg/kg ww; none of the lake whitefish muscle samples exceeded the Health Canada guidelines (Figure 4; Table 5, Table 6). Conversely, the two northern pike sampled both had mercury concentrations in their muscle values that exceeded the 0.2 mg/kg ww frequent consumer threshold, with a mean of 0.303 mg/kg ww (Figure 5, Table 6). Liver sample mercury concentrations for both species also exceeded these thresholds with values of 0.211 and 0.215 mg/kg for lake whitefish and northern pike, respectively (Figure 4; Table 5, Table 6).

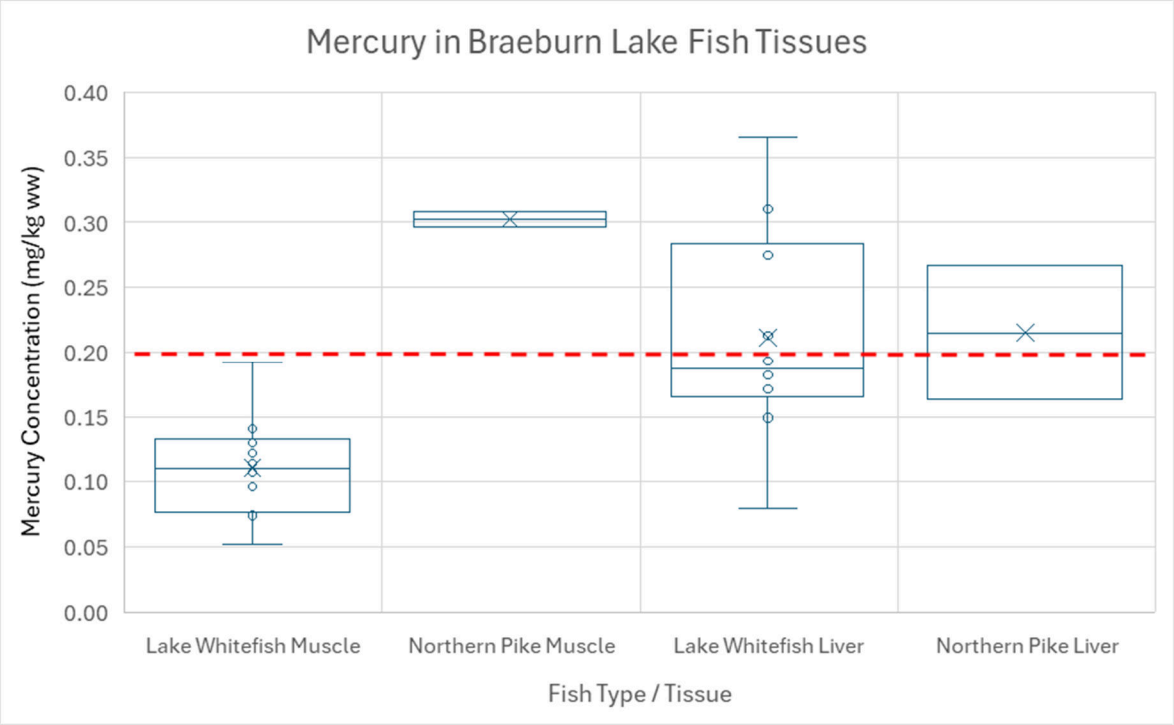


**Figure 5. Box and whisker plot of mercury concentrations in lake whitefish (n = 10) and northern pike (n = 2) muscle and liver tissues.**
*This plot shows the range of data, the ends of the whiskers are the minimum and maximum values, while the box shows the 25th and 75th quartiles. The line inside the box shows the average, and the 'x' indicates the median.*

Mercury concentrations in northern pike tissues are higher than in lake whitefish tissues because of biomagnification. Fish that consume prey that are higher in the food chain (e.g., other fish) will have higher mercury concentrations compared with fish that consume prey lower in the food chain (e.g., benthic invertebrates). Northern pike almost exclusively consume fish and other complex organisms, whereas lake whitefish consume benthic invertebrates, therefore lake whitefish have lower tissue mercury concentrations compared to northern pike, as supported by these results (Figure 5).

Furthermore, the concentration of mercury in fish tissues increases with fish age and size due to bioaccumulation. Though many of the lake whitefish were subadult and the same age, a single older fish was caught. The bioaccumulation with age was illustrated by this single older fish, though the sample size of older fish is low (Figure 6). Unsurprisingly, the same patten is seen when plotted against fork length (Figure 7), where the fish ~400 mm fork length (the 3- and 4-year-olds) are clustered, and the larger >500 mm fish (the 12-year-old) had a higher tissue concentration.

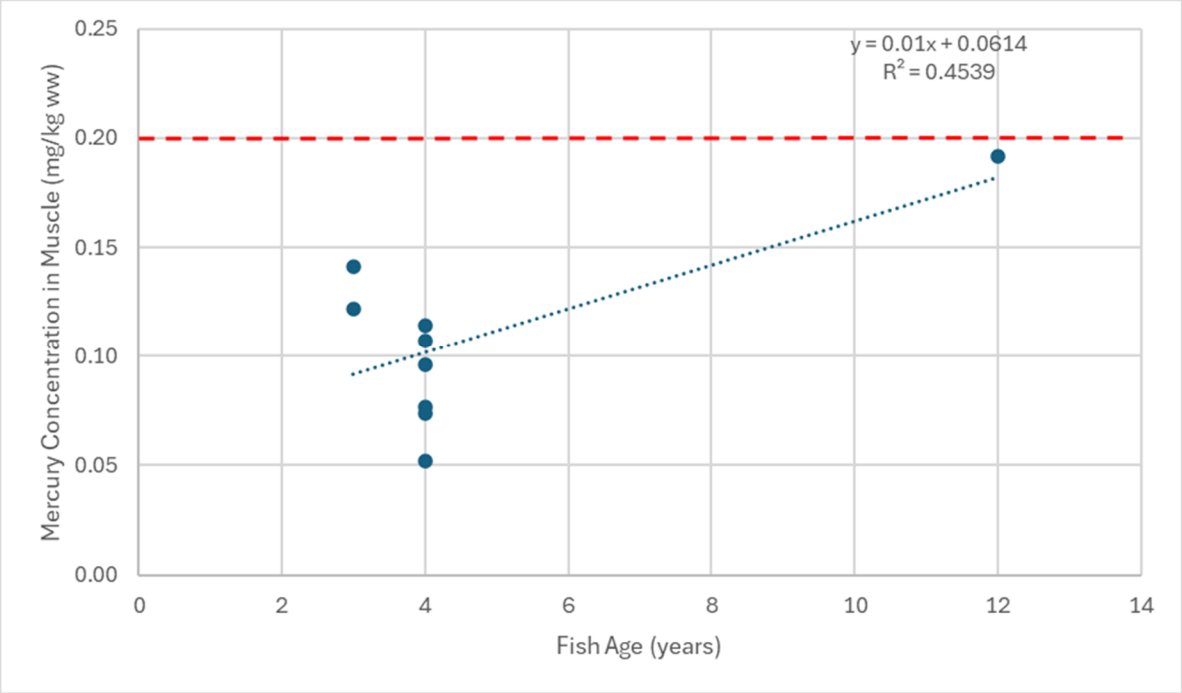


**Figure 6. Muscle tissue mercury concentrations versus fish age for lake whitefish from Braeburn Lake.**

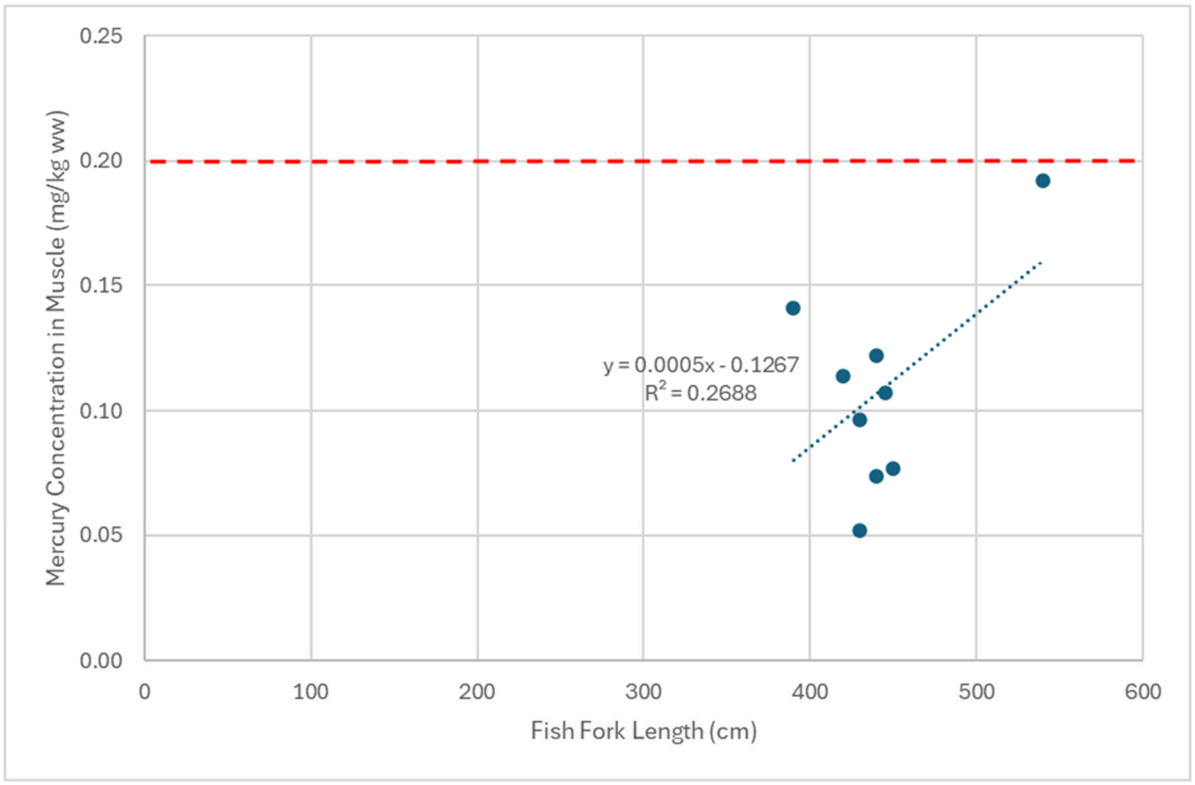


**Figure 7. Muscle tissue mercury concentrations versus fish length for lake whitefish from Braeburn Lake.**

### 3.3.2 FRENCHMAN LAKE

Sampling on Frenchman Lake captured northern pike and a lake trout that were used for metals analysis of muscle, liver, and gonad tissues and is discussed in more detail below (Table 7, Table 8). Only five northern pike and a single large lake trout were captured and assessed, therefore data may not be representative of the population or of fish of different ages or sizes.

**Table 7. Summary statistics for metals concentrations in northern pike tissues (muscle, liver, gonads) from fish captured in Frenchman Lake in November 2025. All units are mg/kg wet weight.**

| Analyte | Guideline | Northern Pike Muscle (n = 5) | | | Northern Pike Liver (n = 5) | | | Northern Pike Gonads (n = 5) | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean |
| Arsenic | 3.5 | 0.038 | 0.082 | 0.061 | 0.015 | 0.040 | 0.023 | 0.009 | 0.027 | 0.022 |
| Cadmium | 0.05 | <0.002 | <0.002 | <0.002 | 0.002 | 0.005 | 0.004 | <0.002 | <0.002 | <0.002 |
| Copper | - | 0.218 | 0.549 | 0.384 | 1.780 | 6.170 | 0.703 | 0.755 | 1.030 | 0.895 |
| Lead | 0.3 | 0.006 | 0.006 | 0.006 | <0.004 | <0.004 | <0.004 | 0.012 | 0.013 | 0.013 |
| Mercury | 0.2 | 0.459 | 1.090 | 0.815 | 0.160 | 0.771 | 0.530 | 0.061 | 0.154 | 0.105 |

**Table 8. Summary statistics for metals concentrations in lake trout tissues (muscle, liver, gonads) from fish captured in Frenchman Lake in November 2025. All units are mg/kg wet weight.**

| Analyte | Guideline | Lake Trout Muscle (n = 1) | Lake Trout Liver (n = 1) | Lake Trout Gonads (n = 1) |
|---|---|---|---|---|
| Arsenic | 3.5 | 0.059 | 0.056 | 0.011 |
| Cadmium | 0.05 | <0.002 | <0.007 | 0.007 |
| Copper | - | 0.335 | 13.100 | 0.467 |
| Lead | 0.3 | 0.004 | <0.004 | <0.004 |
| Mercury | 0.2 | 1.860 | 5.210 | 2.640 |

#### 3.3.2.1 Arsenic

The tissue consumption guideline for arsenic is 3.5 mg/kg ww (Canadian Food Inspection Agency 2010, Health Canada 2025). Arsenic concentrations were low in all tissue samples from northern pike and the lake trout (Figure 8). Muscle tissue concentrations in all samples were far below the Canadian consumption guideline. Mean muscle arsenic concentrations in Frenchman Lake were 0.060 and 0.0591 mg/kg ww in northern pike (n = 5) and lake trout (n = 1), respectively (Figure 8; Table 7, Table 8). The arsenic concentrations in northern pike were highest in muscle tissue (0.061 mg/kg ww), and slightly lower in liver and gonad tissues (0.023 and 0.022, respectively; Figure 8). Arsenic concentrations in the lake trout were lowest in gonad tissue (0.011 mg/kg ww), and slightly higher in muscle and liver tissue (0.059 and 0.056 mg/kg ww, respectively; Figure 8.)

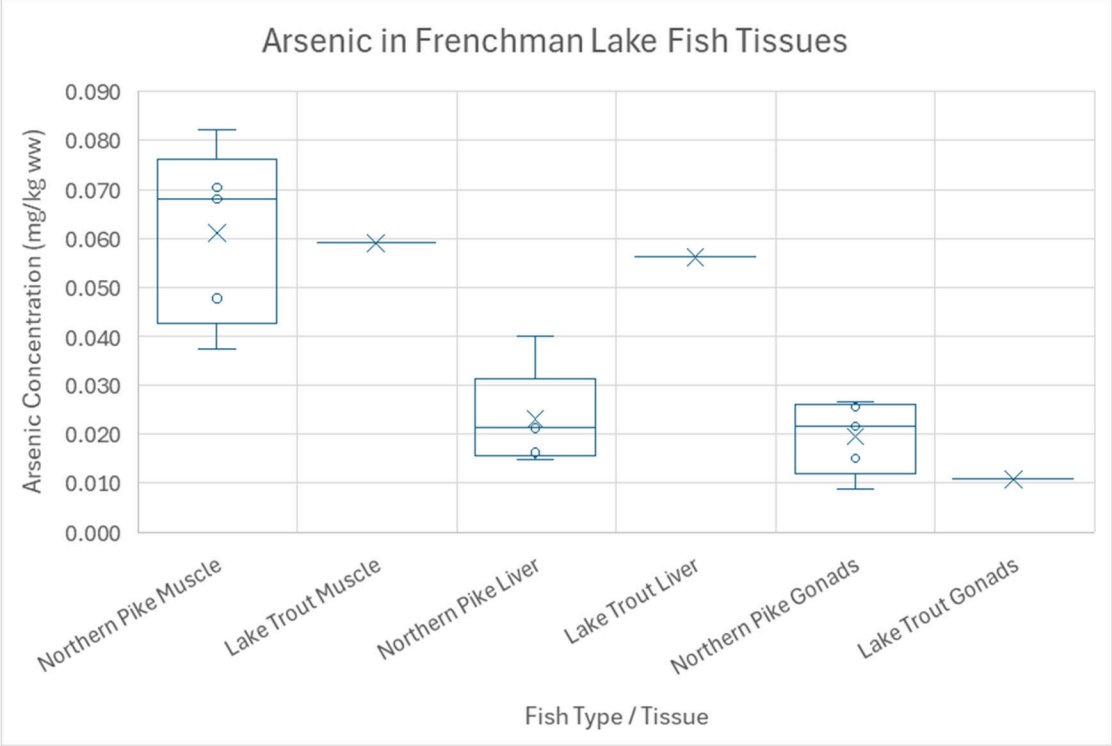


**Figure 8. Box and whisker plot of arsenic concentrations in northern pike and lake trout muscle, liver and gonad tissues.**
*This plot shows the range of data: the ends of the whiskers are the minimum and maximum values, while the box shows the 25th and 75th quartiles. The line inside the box shows the average, and the 'x' indicates the median.*

### 3.3.2.2 Cadmium

The tissue guideline for cadmium is 0.05 mg/kg ww (European Commission 2006). Cadmium concentrations in northern pike and lake trout muscle and gonads were less than 0.002 mg/kg ww, the detectable limit for cadmium analysis (Figure 9; Table 7, Table 8). In both species, liver was the only tissue with detectable concentrations (mean 0.004 and 0.007 mg/kg ww for northern pike and lake trout, respectively; Figure 9; Table 7, Table 8); both concentrations were still well below tissue consumption guidelines.

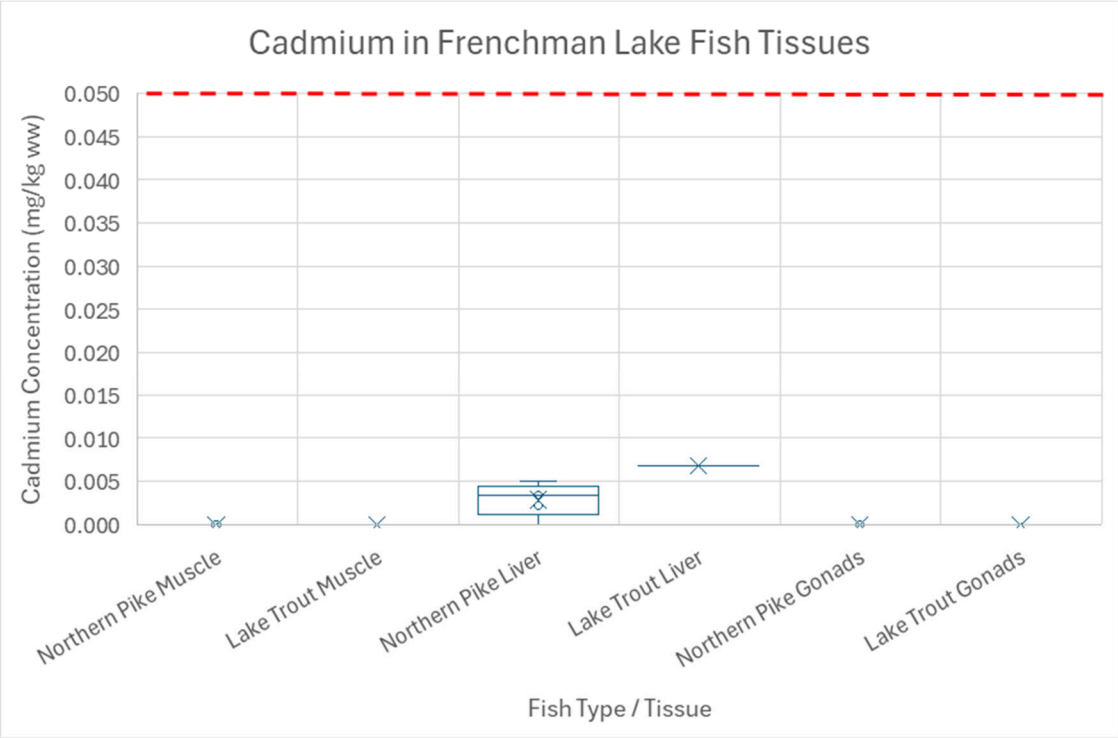


**Figure 9. Cadmium concentrations in northern pike and lake trout muscle, liver, and gonad tissues.**
*This plot shows the range of data, the ends of the whiskers are the minimum and maximum values, while the box shows the 25th and 75th quartiles. The line inside the box shows the average, and the 'x' indicates the median.*

#### 3.3.2.3 Copper

There are currently no tissue guidelines for copper. Similar to trends seen in arsenic and cadmium, copper concentrations were lower in muscle tissue than in liver or gonad tissue. Mean concentrations in muscle tissues of northern pike and lake trout were 0.384 and 0.335 mg/kg ww, respectively (Figure 10; Table 7, Table 8). For liver samples, the mean copper concentrations were 4.030 mg/kg ww for northern pike and 13.100 mg/kg ww for the lake trout (Figure 10; Table 7, Table 8).

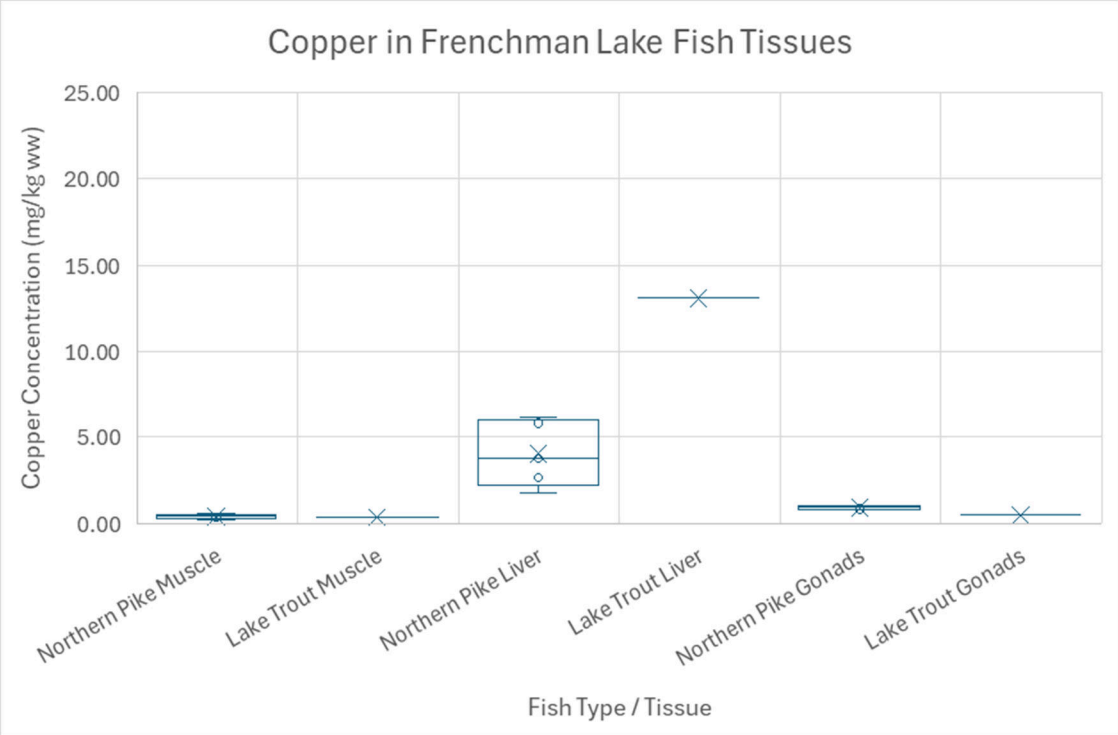


**Figure 10. Copper concentrations in northern pike and lake trout muscle, liver, and gonad tissues.**
*This plot shows the range of data, the ends of the whiskers are the minimum and maximum values, while the box shows the 25th and 75th quartiles. The line inside the box shows the average, and the 'x' indicates the median.*

#### 3.3.2.4 Lead

Concentrations of lead were extremely low, generally below laboratory detection, in all samples from northern pike and lake trout (Figure 11; Table 7, Table 8). Lead concentrations in all tissues from both species of fish were far below the tissue guideline of 0.30 mg/kg ww (European Commission 2006).

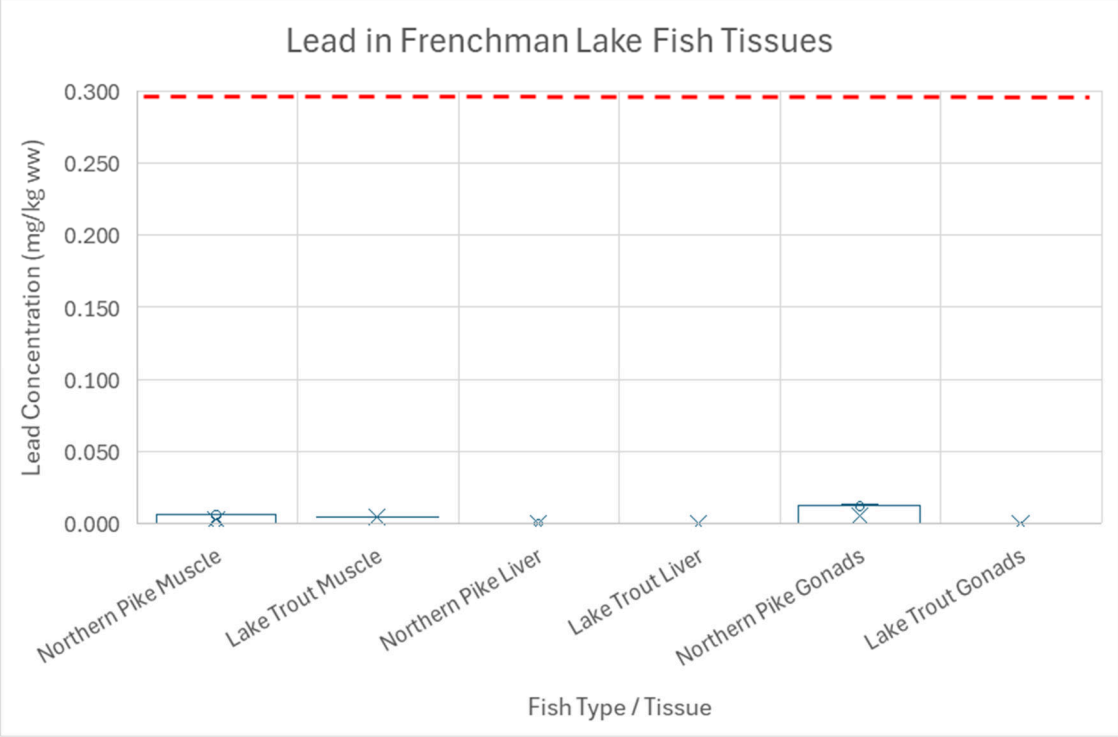


**Figure 11. Lead concentrations in northern pike and lake trout muscle, liver, and gonad tissues.**
*This plot shows the range of data, the ends of the whiskers are the minimum and maximum values, while the box shows the 25th and 75th quartiles. The line inside the box shows the average, and the 'x' indicates the median.*

### 3.3.2.5 Mercury

As discussed in Section 1.1.1.1, mercury is known to bioaccumulate and biomagnify in fish tissues. The Canadian guideline for frequent consumers of fish is 0.2 mg/kg ww, and the commercial sale standard is 0.5 mg/kg ww (Health Canada 2025).

Mercury concentrations from Frenchman Lake are all from northern pike and lake trout; these species regularly consume other fish higher in the food chain, thus are expected to have higher mercury concentrations than the lake whitefish sampled from Braeburn Lake (Section 1.1.1.1). All northern pike muscle concentrations were above the 0.2 mg/kg ww frequent consumer guideline, four of five liver tissue samples exceeded the guideline, and all mercury concentrations in gonads were less than the 0.2 mg/kg ww guideline (Figure 12; Table 7, Table 8).

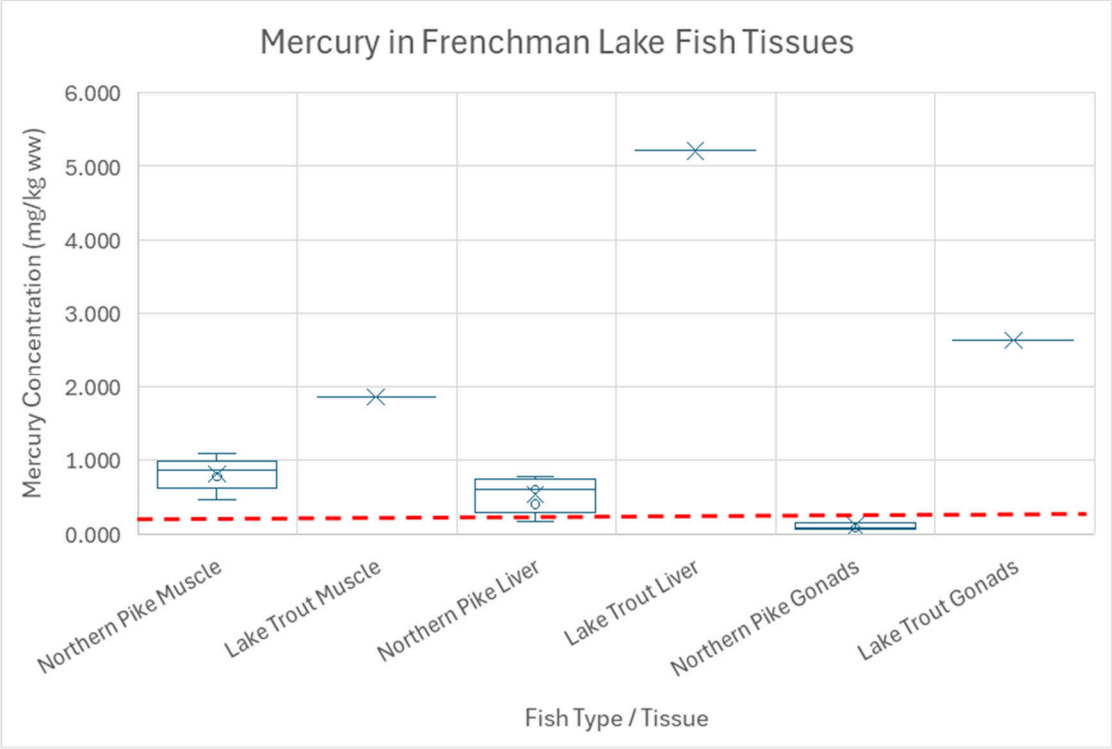


**Figure 12. Mercury concentrations in lake trout and northern pike muscle, liver, and gonad tissues.**
*This plot shows the range of data, the ends of the whiskers are the minimum and maximum values, while the box shows the 25th and 75th quartiles. The line inside the box shows the average, and the 'x' indicates the median.*

Mercury concentration in northern pike muscle tissue ranged from 0.459 to 1.090 mg/kg ww, with an average of 0.815 mg/kg ww (Figure 13, Figure 14; Table 7, Table 8). The muscle tissue mercury concentration in all northern pike sampled as part of this study was above the guide for frequent consumers of fish (0.2 mg/kg ww) and the Health Canada standard set for commercial sale of fish (0.5 mg/kg ww; Health Canada 2025; Figure 13, Figure 14).

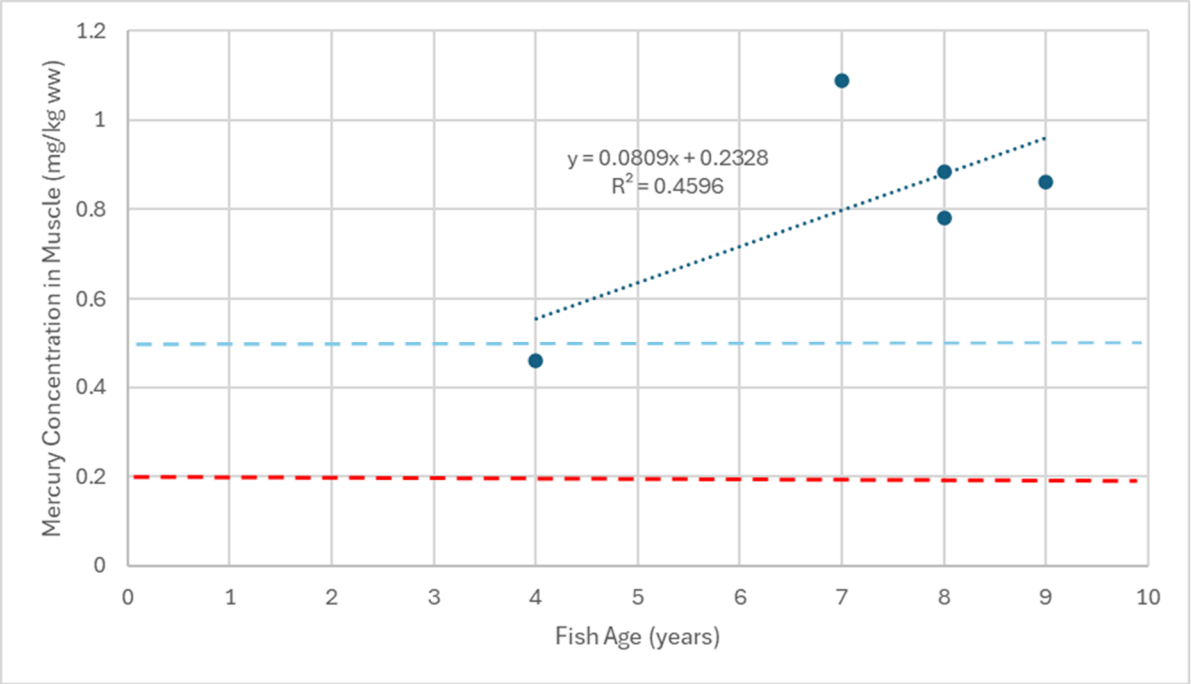


**Figure 13.** Muscle tissue mercury concentrations versus fish age for northern pike from Frenchman Lake. The red dashed line denotes the frequent consumer guideline (0.2 mg/kg ww), and the blue dashed line denotes the commercial sale guidelines (0.5 mg/kg ww).

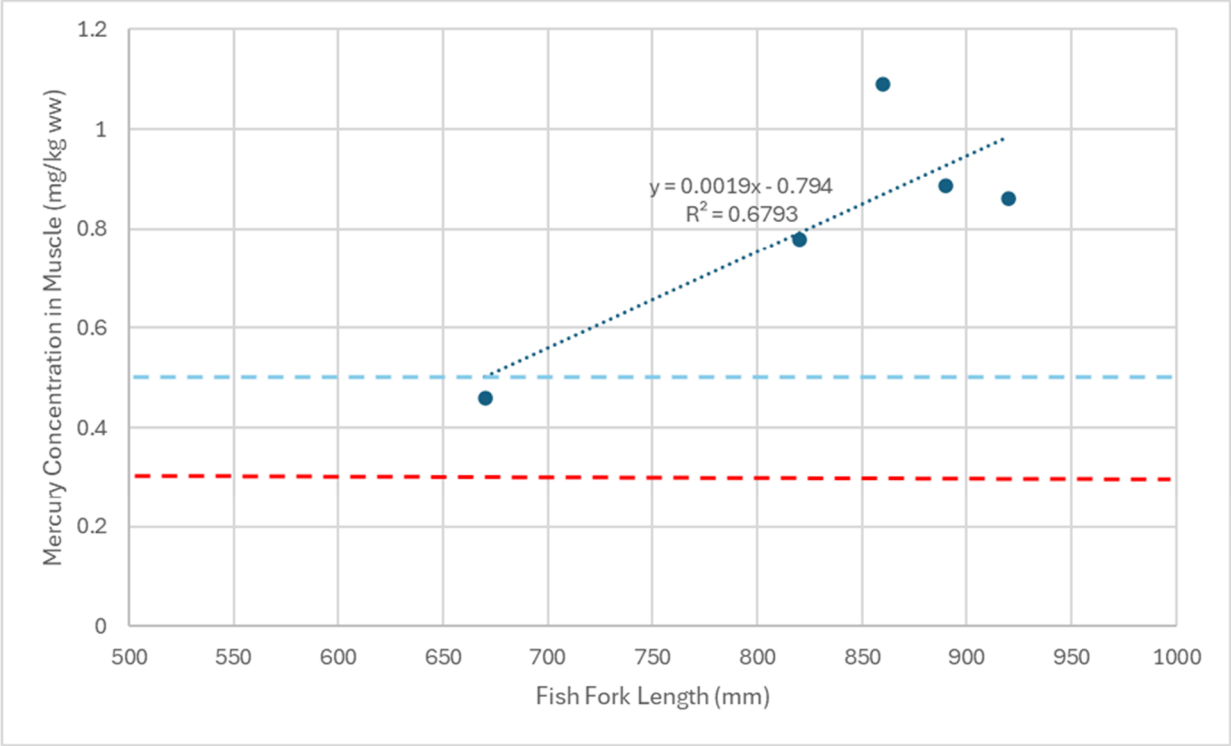


**Figure 14.** Muscle tissue mercury concentrations versus fish length for northern pike from Frenchman Lake. The red dashed line denotes the frequent consumer guideline (0.2 mg/kg ww), and the blue dashed line denotes the commercial sale guidelines (0.5 mg/kg ww).

# 4 FISH CONSUMPTION ASSESSMENT – WHAT DOES THIS ALL MEAN?

This section evaluates the risks to human health associated with eating fish from Braeburn and Frenchman lakes based on current consumption guidelines. We compared the average wet weight concentration of the five metals of interest, including arsenic, cadmium, copper, lead, and mercury, with reported standards based on how much fish could be safely consumed, such as provisional tolerable weekly intake (PTWI) and tolerable daily intake (TDI) values (Table 9 and Table 10). When possible, these values are interpreted as a maximum amount of fish tissue that could be eaten in a week without risk of toxic effects. The calculations in this section assume 75% moisture content in fish tissue and an average adult human weight of 70 kg.

The risk associated with intake of arsenic, cadmium, copper, and lead through fish consumption are all considered low. The amount of fish, in kilograms, that would need to be consumed before there was a risk of any toxic effect is much higher than what one person could eat during a normal week (Table 9 and Table 10).

The only moderate risk was associated with mercury concentrations in muscle tissue for both Braeburn and Frenchman lakes (Table 9 and Table 10). The moderate risk rating was given because it is possible to eat the amount of fish associated with the risk of potential toxic effect. On Braeburn Lake these values are for consuming 1.152 kg of lake whitefish, or 0.300 kg of northern pike per week; on Frenchman Lake these values are 0.112 kg of northern pike, or 0.049 kg of lake trout (Table 9 and Table 10). These values were calculated based on the average concentrations of muscle tissue from each species in each lake. For northern pike in each lake and lake trout in Frenchman Lake, a reasonable amount of fish consumption can result in exceeding tolerable weekly intake level. The primary way to ensure individuals do not exceed these levels, especially for northern pike, is to limit consumption based on fish size.

The Yukon Government published a Mercury in Yukon Fact Sheet in 2010 (Government of Yukon 2010); it states that most Yukon fish, including grayling, whitefish, inconnu, sucker, salmon, and pike, have relatively low levels of mercury and recommendations to limit intake of lake trout and burbot to fish less than 65 cm in length. However, based on our results, and those from elsewhere in the Yukon, we would recommend extending these limitations to northern pike. All northern pike assessed in the current study were greater than 60 cm and all exceeded the 0.2 mg/kg ww guideline set for frequent consumers of fish (Figure 15). Northern pike live in more littoral habitats where water temperature is often warmer and more conducive to the production of mercury methylation, and as they consume organisms higher in the food chain, bioaccumulate more mercury than some other fish species (e.g., lake whitefish). This is not unique to the lakes studied and can be observed in many pristine lakes throughout the Yukon, although they are both considered shallow warm lakes, which would make them potentially more conducive to mercury methylation.

The fish from both lakes are safe for consumption by the community. However, especially if consumed by smaller humans, limiting the consumption of northern pike (larger than 65 cm) to less than 300g weekly, or simply consuming fish smaller than 65 cm can help to offset the potential risks of mercury concentrations in these fish.

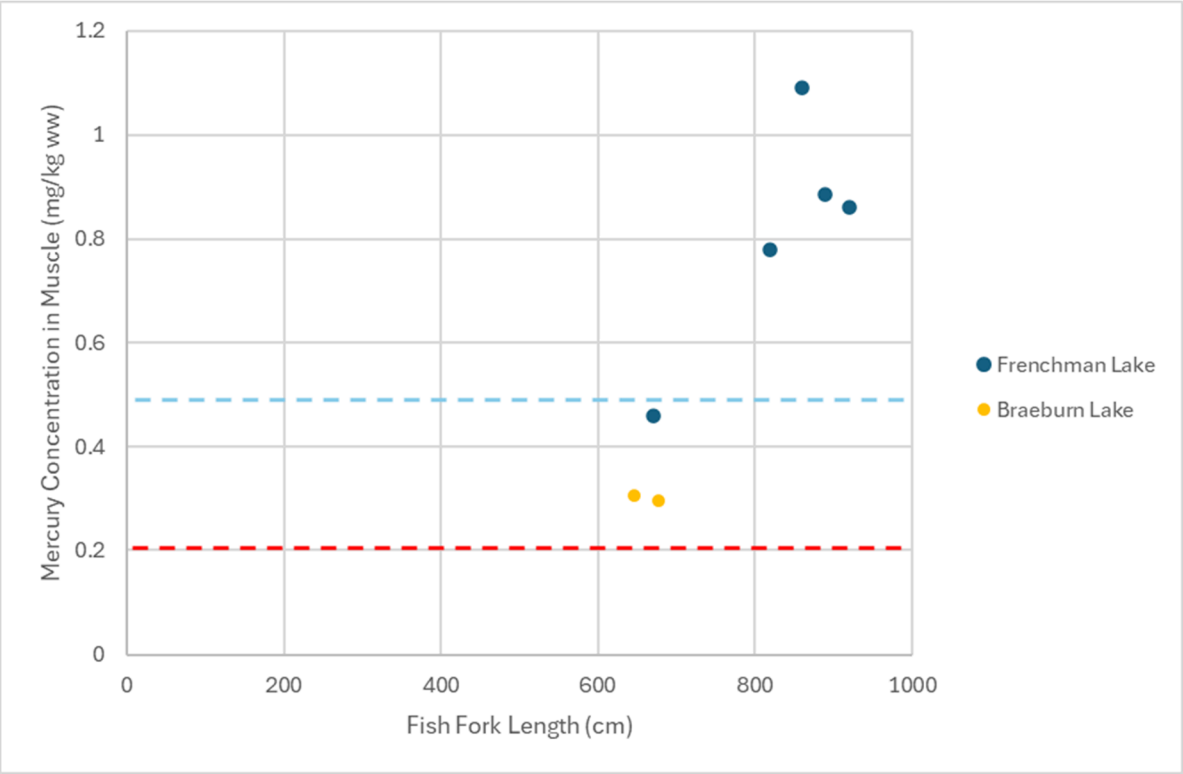


**Figure 15.** Muscle mercury concentration in northern pike in both Frenchman and Braeburn lakes. The red dashed line denotes the frequent consumer guideline (0.2 mg/kg ww) and the blue dashed line denotes the commercial sale guidelines (0.5 mg/kg ww).

**Table 9. Braeburn Lake metals in lake whitefish tissue concentrations and consumption risk evaluation.**

| Metal | Average Muscle Tissue Concentration (mg/kg wet weight) | | Applicable Guidelines | Weekly Safe Fish Consumption [1] (kg wet weight) | | Consumption Risk Evaluation |
|---|---|---|---|---|---|---|
| | Lake Whitefish | Northern Pike | | Lake Whitefish | Northern Pike | |
| Arsenic | 0.051 | 0.038 | Canada's *Food and Drugs Act* and Regulations (FDAR) established a tolerance of 3.5 mg/kg of arsenic in fish protein. There is no currently accepted Tolerable Weekly Intake guideline for arsenic. | N/A* | N/A* | **Low risk:** arsenic concentration in lake whitefish and northern pike from Braeburn Lake is far below the FDAR recommended limit. |
| Cadmium | <0.002 | <0.002 | Tolerable weekly intake 2.5 µg/kg body weight (European Commission 2006) | No limit (concentration less than laboratory detection) | No limit (concentration less than laboratory detection) | **Low risk:** the cadmium concentration in lake whitefish and northern pike from Braeburn lake is below the laboratory detection limit, and there is no consumption related risk to human health. |
| Copper | 1.133 | 0.379 | Provisional tolerable weekly intake of 3.5 mg/kg body weight (245 mg/week for a 70 kg person) (World Health Organization [WHO] 1982) | 216 | 646 | **Low risk:** The copper concentration in lake whitefish and northern pike is low enough that consumers would need to eat more than 216 kg of lake whitefish, or 646 kg of northern pike per week to pose a risk. |
| Lead | <0.004 | <0.004 | Provisional tolerable weekly intake of 25 µg/kg body weight (European Commission 2006) | No limit (concentration less than laboratory detection) | No limit (concentration less than laboratory detection) | **Low risk**: The lead concentration in lake whitefish and northern pike from Braeburn lake is below the laboratory detection limit, and there is no consumption related risk to human health. |
| Mercury | 0.079 | 0.303 | Tolerable weekly intake of 1.3 µg/kg body weight (EFSA Panel on Contaminants in the Food Chain (CONTAM) 2012) | 1.152 | 0.300 | **Moderate risk:** The mercury concentration in lake whitefish and northern pike indicates that consumers would need to eat more than 1.152 kg of lake whitefish, or 0.300 kg of northern pike per week to pose a potential risk. |

[1] Assuming an average human weight of 70 kg

**Table 10. Frenchman Lake metals in fish tissue concentrations and consumption risk evaluation.**

| Metal | Average Muscle Tissue Concentration (mg/kg wet weight) | | Applicable Guidelines | Weekly Safe Fish Consumption [1] (kg wet weight) | | Consumption Risk Evaluation |
|---|---|---|---|---|---|---|
| | Northern Pike | Lake Trout | | Northern Pike | Lake Trout | |
| Arsenic | 0.061 | 0.059 | Canada's *Food and Drugs Act* and Regulations (FDAR) established a tolerance of 3.5 mg/kg of arsenic in fish protein. There is no currently accepted Tolerable Weekly Intake guideline for arsenic. | N/A* | N/A* | **Low risk:** arsenic concentration in northern pike and lake trout from Frenchman Lake is far below the FDAR recommended limit. |
| Cadmium | <0.002 | <0.002 | Tolerable weekly intake 2.5 µg/kg body weight (European Commission 2006) | No limit (concentration less than laboratory detection) | No limit (concentration less than laboratory detection) | **Low risk:** the cadmium concentration in northern pike and lake trout from Frenchman Lake is below the laboratory detection limit, and there is no consumption related risk to human health. |
| Copper | 0.384 | 0.335 | Provisional tolerable weekly intake of 3.5 mg/kg body weight (245 mg/week for a 70 kg person) (World Health Organization [WHO] 1982) | 638 | 731 | **Low risk:** The copper concentration in northern pike and lake trout is low enough that consumers would need to eat more than 638 kg of northern pike, or 731 kg of lake trout per week to pose a risk. |
| Lead | 0.006 | 0.004 | Provisional tolerable weekly intake of 25 µg/kg body weight (European Commission 2006) | 292 | 438 | **Low risk**: The lead concentration in northern pike and lake trout is low enough that consumers would need to eat more than 292 kg of northern pike, or 438 kg of lake trout per week to pose a risk. |
| Mercury | 0.815 | 1.860 | Tolerable weekly intake of 1.3 µg/kg body weight (EFSA Panel on Contaminants in the Food Chain (CONTAM) 2012) | 0.112 | 0.049 | **Moderate risk:** The mercury concentration in northern pike and lake trout indicates that consumers would need to eat 0.112 kg or northern pike or 0.049 kg of lake trout to pose a potential risk. |

[1] Assuming an average human weight of 70 kg

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# APPENDICES

# APPENDIX A FISH HEALTH ASSESSMENT PARAMETERS

**Appendix Table A-1. Braeburn and Frenchman Lake fish health external and internal condition scoring rubric.**

| Organ/Parasite | Condition Scoring |
|---|---|
| Skin | **0-** No abnormalities<br>**1-** Mild damage (i.e., old gillnet scarring)<br>**2-** Moderate damage (i.e., severe scarring from predators, fishing gear)<br>**3-** Severe damage (i.e., deformities) |
| Fungus | **0-** No fungus<br>**1-** >10% cover<br>**2-** 11–50% cover<br>**3-** 51–100% cover |
| Eyes (left and right) | **0-** No damage (i.e., no abnormalities)<br>**1-** Damage (i.e., scarring, blind) |
| Gills | **0-** No damage (i.e., normal)<br>**1-** Damage (i.e., fraying, injury, parasite) |
| Fish lice<br>(skin/fins) | **0-** None<br>**1-** Mild (1–10)<br>**2-** Moderate (11–30)<br>**3-** Severe (31–50)<br>**+ additional notes on severity** |
| Leeches<br>(skin/fins) | **0-** None<br>**1-** Mild (1–10)<br>**2-** Moderate (11–30)<br>**3-** Severe (31–50)<br>**+ additional notes on severity** |
| Eye fluke<br>(eyes) | **0-** None<br>**1-** One infected eye<br>**2-** Two infected eyes |
| Tumour<br>(skin; gills; organs) | **0-** Absent<br>**1-** Present<br>– Include number present and note on size/colour/location. |
| Liver | **0-** No damage (i.e., no abnormalities)<br>**1-** Damage (i.e., lesion, texture, shape) |
| Spleen | **0-** No damage (i.e., no abnormalities)<br>**1-** Damage (i.e., lesion, texture, shape, discoloration) |
| Kidney | **0-** No damage (i.e., no abnormalities)<br>**1-** Damage (i.e., lesion, texture, shape) |
| Reproductive organs | **0-** No damage (i.e., no abnormalities)<br>**1-** Damage (i.e., lesion, texture, growth) |
| Heart | **0-** No damage (i.e., no abnormalities)<br>**1-** Damage (i.e., lesion, discoloration) |

**Appendix Table A-2. Braeburn and Frenchman Lake fish health parasite-load scoring rubric.**

| Macroparasite | Condition Scoring | Common Organ Location |
|---|---|---|
| Parasitic intestinal worm (unknown spp.) | None<br>Mild (1–25)<br>Moderate (26–49)<br>Severe (50+)<br>**+ additional notes on severity** | Stomach, intestine, pyloric caeca |
| Broad tapeworm (*Diphyllobothrium*) | None<br>Mild (1–25)<br>Moderate (26–49)<br>Severe (50+)<br>**+ additional notes on severity** | Flesh, surface of stomach, gut, other internal organs |
| Roundworm (*Raphidascaris*) | None<br>Mild (1–25)<br>Moderate (26–49)<br>Severe (50+)<br>**+ additional notes on severity** | Outside of stomach, gut; larvae also cause visible damage to liver |
| Roundworm (*Cystidicola*) | None<br>Mild (1–25)<br>Moderate (26–49)<br>Severe (50+)<br>**+ additional notes on severity** | Swim bladder |
| Spiny-headed worm (*Neoechinorhynchus*) | None<br>Mild (1–25)<br>Moderate (26–49)<br>Severe (50+)<br>**+ additional notes on severity** | Gut |
| "Sand grain" heart (*Cotylurus*) | None<br>Mild (1–25)<br>Moderate (26–49)<br>Severe (50+)<br>**+ additional notes on severity** | Heart |

Appendix Table A-3. Results of fish health assessments, providing condition score, and individual numbers in brackets (#) where applicable.

| Fish Data | | | | | | | | External Condition | | | | | External Parasites/Deformities | | | | Internal Organ Condition | | | | | Internal Parasites | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fish ID | Date | Lake | Sp. | FL (mm) | Wt (g) | Sex | Age | Skin | Fungus | Eyes | Gills | Fins | Lice | Leech | Fluke | Tumor | Liver | Spleen | Kidney | Rep. | Heart | TW | BTW | RRW | CRW | Spiny | Sand |
| 001B | 11-Oct-25 | Braeburn | LW | 435 | 1164 | M | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (sand) | 0 | 0 | 0 | 1 (20) | 0 | 1 (1) |
| 002B | 11-Oct-25 | Braeburn | LW | 540 | 2190 | M | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (20) | 0 | 1 (1) | 0 | 0 |
| 003B | 11-Oct-25 | Braeburn | LW | 440 | 1170 | M | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 004B | 11-Oct-25 | Braeburn | LW | 390 | 824 | M | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (1) | 1 (15) | 0 | 0 |
| 005B | 11-Oct-25 | Braeburn | LW | 445 | 1206 | M | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (sand) | 0 | 0 | 0 | 1 (20) | 0 | 1 (20) |
| 006B | 11-Oct-25 | Braeburn | LW | 430 | 1088 | M | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (sand) | 0 | 0 | 1 (4) | 0 | 0 | 1 (2) |
| 007B | 11-Oct-25 | Braeburn | LW | 420 | 1012 | F | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (sand) | 0 | 0 | 0 | 1 (20) | 0 | 1 (2) |
| 008B | 11-Oct-25 | Braeburn | LW | 450 | 1066 | M | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (sand) | 0 | 0 | 1 (1) | 1 (10) | 0 | 1 (1) |
| 009B | 11-Oct-25 | Braeburn | LW | 430 | 1100 | M | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (sand) | 0 | 0 | 0 | 1 (7) | 0 | 1 (1) |
| 010B | 11-Oct-25 | Braeburn | LW | 440 | 1110 | M | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (sand) | 0 | 0 | 1 (3) | 1 (15) | 0 | 1 (6) |
| 011B | 11-Oct-25 | Braeburn | LW | 450 | 1023 | M | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (sand) | 0 | 0 | 0 | 1 (15) | 0 | 1 (7) |
| 012B | 11-Oct-25 | Braeburn | LW | 437 | 1072 | M | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (cyst) | 0 | 0 | 0 | 0 | 0 | 0 | 1 (7) | 1 (10) | 0 | 0 |
| 013B | 11-Oct-25 | Braeburn | LW | 442 | 1078 | M | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (3) | 1 (2) | 0 | 0 |
| 014B | 11-Oct-25 | Braeburn | LW | 452 | 1060 | M | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (sand) | 0 | 0 | 0 | 0 | 0 | 1 (1) |
| 015B | 11-Oct-25 | Braeburn | LW | 422 | 1070 | M | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (hem) | 1 (hem) | 0 | 0 | 0 | 0 | 0 | 1 (2) |
| 016B | 11-Oct-25 | Braeburn | LW | 457 | 1212 | M | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (sand) | 0 | 0 | 1 (8) | 1 (12) | 0 | 1 (1) |
| 017B | 11-Oct-25 | Braeburn | LW | 432 | 1112 | M | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (sand) | 0 | 0 | 1 (1) | 1 (22) | 0 | 1 (3) |
| 018B | 11-Oct-25 | Braeburn | LW | 440 | 1058 | M | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (10) | 1 (12) | 0 | 0 |
| 019B | 11-Oct-25 | Braeburn | NP | 678 | 2290 | F | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 (30) | 0 | 0 | 0 | 0 | 0 |
| 020B | 11-Oct-25 | Braeburn | NP | 646 | 1930 | F | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (15) | 0 | 0 | 0 | 0 | 0 |
| 001F | 07-Nov-25 | Frenchman | NP | 920 | 6850 | F | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 (20) | 0 | 0 | 0 | 0 | 0 |
| 002F | 07-Nov-25 | Frenchman | NP | 820 | 3680 | F | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 (75) | 0 | 0 | 0 | 0 | 0 |
| 003F | 07-Nov-25 | Frenchman | NP | 670 | 2550 | F | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 (150) | 0 | 0 | 0 | 0 | 0 |
| 004F | 07-Nov-25 | Frenchman | NP | 890 | 5550 | F | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 (100) | 0 | 0 | 0 | 0 | 0 |

| Fish Data | | | | | | | | External Condition | | | | | External Parasites/Deformities | | | | Internal Organ Condition | | | | | Internal Parasites | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fish ID | Date | Lake | Sp. | FL (mm) | Wt (g) | Sex | Age | Skin | Fungus | Eyes | Gills | Fins | Lice | Leech | Fluke | Tumor | Liver | Spleen | Kidney | Rep. | Heart | TW | BTW | RRW | CRW | Spiny | Sand |
| 005F | 07-Nov-25 | Frenchman | NP | 860 | 4540 | F | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 (75) | 0 | 0 | 0 | 0 | 0 |
| 006F | 07-Nov-25 | Frenchman | LT | 830 | 5870 | F | 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 3 (120) | 1 (25) | 0 | 0 | 1 (2) |

FL = fork length; Wt = weight; NT = not taken; unk = unknown; Rep = reproductive organs. Parasites: TW = Tapeworm (unknown species), BTW = Broad tapeworm, RWR = Roundworm (*Raphidascaris*), RWC = Roundworm (*Cystidicola*), Spiny = Spiny-headed worm, Sand = "Sand grain" heart

# APPENDIX B TISSUE METAL RESULTS

## Appendix Table B-1. Lake whitefish muscle tissue metal concentrations on Braeburn Lake.

| LAB ID | | | 26B2348-20 | 26B2348-23 | 26B2348-25 | 26B2348-26 | 26B2348-28 | 26B2348-43 | 26B2348-31 | 26B2348-33 | 26B2348-36 | 26B2348-38 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLIENT ID | | | 001B Muscle | 002B Muscle | 003B Muscle | 004B Muscle | 005B Muscle | 006B Muscle | 007B Muscle | 008B Muscle | 009B Muscle | 010B Muscle |
| DATE SAMPLED | | | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 |
| **Analyte** | **Unit** | **Detection Limit** | | | | | | | | | | |
| Moisture | % wet | 1 | 68.6 | 71.7 | 69.5 | 71.9 | 70.7 | 71.5 | 72.4 | 60.1 | 70.7 | 69.6 |
| Aluminum | mg/kg wet | 0.4 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 |
| Antimony | mg/kg wet | 0.002 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 |
| Arsenic | mg/kg wet | 0.005 | 0.0594 | 0.0162 | 0.0567 | 0.0502 | 0.0547 | 0.0349 | 0.0598 | 0.0568 | 0.0508 | 0.0377 |
| Barium | mg/kg wet | 0.01 | 0.02 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | 0.011 | <0.010 | <0.010 | <0.010 |
| Beryllium | mg/kg wet | 0.002 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 |
| Bismuth | mg/kg wet | 0.02 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 |
| Boron | mg/kg wet | 0.2 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| Cadmium | mg/kg wet | 0.002 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 |
| Calcium | mg/kg wet | 2 | 67.4 | 173 | 54.2 | 71.6 | 106 | 61.6 | 149 | 42.9 | 83.3 | 51.7 |
| Chromium | mg/kg wet | 0.01 | 0.023 | <0.040 | <0.010 | <0.010 | <0.020 | <0.020 | <0.020 | <0.025 | <0.010 | <0.010 |
| Cobalt | mg/kg wet | 0.004 | 0.0064 | 0.0063 | 0.005 | <0.0040 | 0.0044 | <0.0040 | 0.0053 | 0.0054 | 0.0042 | 0.0044 |
| Copper | mg/kg wet | 0.01 | 1.63 | 0.839 | 1.05 | 0.597 | 1.23 | 0.623 | 1.2 | 1.48 | 0.952 | 0.9 |
| Iron | mg/kg wet | 1 | 14.4 | 12.4 | 10.4 | 5.9 | 10.9 | 4.6 | 10.9 | 12.3 | 7.4 | 7.9 |
| Lead | mg/kg wet | 0.004 | <0.0040 | <0.0040 | <0.0040 | 0.0061 | <0.0040 | <0.0040 | <0.0040 | <0.0040 | <0.0040 | <0.0040 |
| Magnesium | mg/kg wet | 2 | 218 | 269 | 277 | 267 | 216 | 225 | 238 | 242 | 186 | 250 |
| Manganese | mg/kg wet | 0.02 | 0.188 | 0.11 | 0.143 | 0.075 | 0.108 | 0.066 | 0.126 | 0.14 | 0.103 | 0.102 |
| Mercury | mg/kg wet | 0.002 | 0.13 | 0.192 | 0.122 | 0.141 | 0.107 | 0.0963 | 0.114 | 0.0768 | 0.0519 | 0.074 |
| Molybdenum | mg/kg wet | 0.01 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 |
| Nickel | mg/kg wet | 0.01 | <0.010 | <0.010 | <0.010 | 0.011 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | 0.023 |

| LAB ID | | | 26B2348-20 | 26B2348-23 | 26B2348-25 | 26B2348-26 | 26B2348-28 | 26B2348-43 | 26B2348-31 | 26B2348-33 | 26B2348-36 | 26B2348-38 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLIENT ID | | | 001B Muscle | 002B Muscle | 003B Muscle | 004B Muscle | 005B Muscle | 006B Muscle | 007B Muscle | 008B Muscle | 009B Muscle | 010B Muscle |
| DATE SAMPLED | | | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 |
| **Analyte** | **Unit** | **Detection Limit** | | | | | | | | | | |
| Phosphorus | mg/kg wet | 5 | 2320 | 2620 | 2650 | 2360 | 2170 | 2150 | 2330 | 2410 | 1830 | 2290 |
| Potassium | mg/kg wet | 10 | 3400 | 4210 | 4360 | 4120 | 3470 | 3760 | 3870 | 3730 | 2910 | 3790 |
| Selenium | mg/kg wet | 0.02 | 0.321 | 0.292 | 0.313 | 0.298 | 0.279 | 0.244 | 0.268 | 0.321 | 0.211 | 0.323 |
| Silver | mg/kg wet | 0.01 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 |
| Sodium | mg/kg wet | 2 | 369 | 458 | 405 | 288 | 336 | 318 | 415 | 378 | 317 | 341 |
| Strontium | mg/kg wet | 0.01 | 0.212 | 0.521 | 0.129 | 0.197 | 0.359 | 0.173 | 0.442 | 0.118 | 0.286 | 0.135 |
| Thallium | mg/kg wet | 0.001 | 0.0015 | 0.0019 | 0.002 | 0.0013 | 0.002 | 0.0014 | 0.0024 | 0.0019 | <0.0010 | 0.0012 |
| Tin | mg/kg wet | 0.02 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 |
| Titanium | mg/kg wet | 0.05 | <0.050 | <0.100 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 |
| Uranium | mg/kg wet | 0.001 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 |
| Vanadium | mg/kg wet | 0.02 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 |
| Zinc | mg/kg wet | 0.1 | 5.24 | 4.29 | 4.51 | 3.88 | 4.16 | 3.5 | 5.05 | 5.22 | 3.53 | 3.61 |

## Appendix Table B-2. Lake whitefish liver tissue metal concentrations on Braeburn Lake.

| LAB ID | | | 26B2348-19 | 26B2348-22 | 26B2348-24 | 26B2348-27 | 26B2348-29 | 26B2348-30 | 26B2348-32 | 26B2348-34 | 26B2348-35 | 26B2348-37 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLIENT ID | | | 001B Liver | 002B Liver | 003B Liver | 004B Liver | 005B Liver | 006B Liver | 007B Liver | 008B Liver | 009B Liver | 010B Liver |
| DATE SAMPLED | | | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 |
| **Analyte** | **Unit** | **Detection Limit** | | | | | | | | | | |
| Moisture | % wet | 1 | 72.9 | 73.3 | 69.5 | 71.1 | 70.7 | 71.2 | 71.5 | 69.9 | 73.7 | 71.4 |
| Aluminum | mg/kg wet | 0.4 | <0.40 | <0.40 | <0.75 | <2.74 | <1.60 | <0.40 | <0.40 | <4.32 | <6.06 | <0.40 |
| Antimony | mg/kg wet | 0.002 | <0.0020 | 0.0031 | <0.0020 | <0.0020 | 0.0034 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 |
| Arsenic | mg/kg wet | 0.005 | 0.0637 | 0.0377 | 0.11 | 0.0944 | 0.0802 | 0.077 | 0.0862 | 0.086 | 0.112 | 0.0419 |
| Barium | mg/kg wet | 0.01 | <0.010 | 0.013 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | 0.011 | <0.010 |
| Beryllium | mg/kg wet | 0.002 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 |
| Bismuth | mg/kg wet | 0.02 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 |
| Boron | mg/kg wet | 0.2 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| Cadmium | mg/kg wet | 0.002 | 0.004 | 0.0081 | 0.0177 | 0.0069 | 0.0034 | 0.004 | 0.0073 | 0.0063 | 0.0063 | 0.0063 |
| Calcium | mg/kg wet | 2 | 58.4 | 80.4 | 38 | 56.1 | 60.1 | 42.4 | 43.2 | 53.7 | 50.2 | 69 |
| Chromium | mg/kg wet | 0.01 | <0.010 | 0.026 | <0.010 | <0.023 | <0.010 | <0.020 | <0.010 | <0.108 | <0.025 | <0.010 |
| Cobalt | mg/kg wet | 0.004 | 0.0234 | 0.0309 | 0.022 | 0.024 | 0.0187 | 0.0167 | 0.0177 | 0.0191 | 0.0265 | 0.0221 |
| Copper | mg/kg wet | 0.01 | 9.27 | 23.1 | 4.33 | 3.24 | 16.7 | 3.53 | 6.29 | 3.34 | 3.75 | 3.39 |
| Iron | mg/kg wet | 1 | 26.5 | 79.4 | 46.1 | 91 | 50.2 | 24.8 | 61.3 | 46 | 46.8 | 48.5 |
| Lead | mg/kg wet | 0.004 | <0.0040 | 0.0055 | <0.0040 | <0.0040 | 0.0453 | <0.0040 | <0.0040 | <0.0040 | <0.0040 | <0.0040 |
| Magnesium | mg/kg wet | 2 | 162 | 142 | 199 | 165 | 159 | 149 | 238 | 168 | 164 | 139 |
| Manganese | mg/kg wet | 0.02 | 1.68 | 1.37 | 2.11 | 1.55 | 1.29 | 1.4 | 1.36 | 1.56 | 1.25 | 1.27 |

| LAB ID | | | 26B2348-19 | 26B2348-22 | 26B2348-24 | 26B2348-27 | 26B2348-29 | 26B2348-30 | 26B2348-32 | 26B2348-34 | 26B2348-35 | 26B2348-37 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CLIENT ID | | | 001B Liver | 002B Liver | 003B Liver | 004B Liver | 005B Liver | 006B Liver | 007B Liver | 008B Liver | 009B Liver | 010B Liver |
| DATE SAMPLED | | | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 | 2025-11-10 |
| **Analyte** | **Unit** | **Detection Limit** | | | | | | | | | | |
| Mercury | mg/kg wet | 0.002 | 0.193 | 0.366 | 0.31 | 0.275 | 0.213 | 0.171 | 0.172 | 0.182 | 0.149 | 0.0796 |
| Molybdenum | mg/kg wet | 0.01 | 0.117 | 0.139 | 0.18 | 0.125 | 0.109 | 0.114 | 0.109 | 0.133 | 0.101 | 0.08 |
| Nickel | mg/kg wet | 0.01 | <0.010 | 0.026 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 | 0.048 | 0.011 | <0.010 |
| Phosphorus | mg/kg wet | 5 | 3540 | 3160 | 4260 | 3510 | 3290 | 3070 | 4510 | 3510 | 3430 | 2800 |
| Potassium | mg/kg wet | 10 | 2900 | 3480 | 4060 | 3460 | 3250 | 3300 | 4490 | 3390 | 3200 | 2590 |
| Selenium | mg/kg wet | 0.02 | 1.4 | 1.54 | 1.54 | 1.24 | 1.29 | 0.961 | 1.03 | 1.23 | 1.07 | 0.944 |
| Silver | mg/kg wet | 0.01 | 0.051 | 0.32 | 0.022 | 0.011 | 0.086 | 0.015 | 0.026 | 0.016 | 0.029 | 0.021 |
| Sodium | mg/kg wet | 2 | 1610 | 1190 | 1010 | 1290 | 1260 | 892 | 905 | 1290 | 1340 | 1260 |
| Strontium | mg/kg wet | 0.01 | 0.227 | 0.277 | 0.137 | 0.242 | 0.234 | 0.181 | 0.165 | 0.21 | 0.216 | 0.325 |
| Thallium | mg/kg wet | 0.001 | 0.0235 | 0.0175 | 0.0483 | 0.0326 | 0.0328 | 0.0319 | 0.0288 | 0.0276 | 0.0146 | 0.0126 |
| Tin | mg/kg wet | 0.02 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 |
| Titanium | mg/kg wet | 0.05 | 0.061 | 0.06 | <0.117 | <0.114 | <0.222 | <0.100 | <0.250 | <0.162 | <0.177 | <0.125 |
| Uranium | mg/kg wet | 0.001 | <0.0010 | 0.0018 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 |
| Vanadium | mg/kg wet | 0.02 | <0.020 | 0.047 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 |
| Zinc | mg/kg wet | 0.1 | 30.1 | 30.6 | 51 | 28.4 | 40.6 | 29.2 | 30.3 | 30.9 | 24.7 | 20.6 |

## Appendix Table B-3. Northern pike muscle tissue metal concentrations on Braeburn Lake.

| LAB ID | | | 26B2348-40 | 26B2348-42 |
|---|---|---|---|---|
| CLIENT ID | | | 019B Muscle | 020B Muscle |
| DATE SAMPLED | | | 2025-11-10 | 2025-11-10 |
| **Analyte** | **Unit** | **Detection Limit** | | |
| Moisture | % wet | 1 | 74.4 | 74.5 |
| Aluminum | mg/kg wet | 0.4 | <0.40 | <0.40 |
| Antimony | mg/kg wet | 0.002 | <0.0020 | <0.0020 |
| Arsenic | mg/kg wet | 0.005 | 0.0372 | 0.0382 |
| Barium | mg/kg wet | 0.01 | 0.012 | <0.010 |
| Beryllium | mg/kg wet | 0.002 | <0.0020 | <0.0020 |
| Bismuth | mg/kg wet | 0.02 | <0.020 | <0.020 |
| Boron | mg/kg wet | 0.2 | <0.20 | <0.20 |
| Cadmium | mg/kg wet | 0.002 | <0.0020 | <0.0020 |
| Calcium | mg/kg wet | 2 | 105 | 101 |
| Chromium | mg/kg wet | 0.01 | <0.010 | <0.020 |
| Cobalt | mg/kg wet | 0.004 | <0.0040 | <0.0040 |
| Copper | mg/kg wet | 0.01 | 0.306 | 0.452 |
| Iron | mg/kg wet | 1 | 2.9 | 4.6 |
| Lead | mg/kg wet | 0.004 | <0.0040 | <0.0040 |
| Magnesium | mg/kg wet | 2 | 255 | 222 |
| Manganese | mg/kg wet | 0.02 | 0.073 | 0.089 |
| Mercury | mg/kg wet | 0.002 | 0.297 | 0.308 |
| Molybdenum | mg/kg wet | 0.01 | <0.010 | <0.010 |
| Nickel | mg/kg wet | 0.01 | <0.010 | <0.010 |
| Phosphorus | mg/kg wet | 5 | 2080 | 1920 |
| Potassium | mg/kg wet | 10 | 4100 | 3670 |
| Selenium | mg/kg wet | 0.02 | 0.192 | 0.231 |
| Silver | mg/kg wet | 0.01 | <0.010 | <0.010 |

| LAB ID | | | 26B2348-40 | 26B2348-42 |
|---|---|---|---|---|
| CLIENT ID | | | 019B Muscle | 020B Muscle |
| DATE SAMPLED | | | 2025-11-10 | 2025-11-10 |
| **Analyte** | **Unit** | **Detection Limit** | | |
| Sodium | mg/kg wet | 2 | 319 | 272 |
| Strontium | mg/kg wet | 0.01 | 0.204 | 0.135 |
| Thallium | mg/kg wet | 0.001 | 0.0026 | 0.0025 |
| Tin | mg/kg wet | 0.02 | <0.020 | <0.020 |
| Titanium | mg/kg wet | 0.05 | <0.050 | <0.050 |
| Uranium | mg/kg wet | 0.001 | <0.0010 | <0.0010 |
| Vanadium | mg/kg wet | 0.02 | <0.020 | <0.020 |
| Zinc | mg/kg wet | 0.1 | 3.99 | 4.24 |

## Appendix Table B-4. Northern pike liver tissue metal concentrations on Braeburn Lake.

| LAB ID | | | 26B2348-39 | 26B2348-41 |
|---|---|---|---|---|
| CLIENT ID | | | 019B Liver | 020B Liver |
| DATE SAMPLED | | | 2025-11-10 | 2025-11-10 |
| **Analyte** | **Unit** | **Detection Limit** | | |
| Moisture | % wet | 1 | 71.2 | 70.8 |
| Aluminum | mg/kg wet | 0.4 | <3.70 | <3.57 |
| Antimony | mg/kg wet | 0.002 | <0.0020 | <0.0020 |
| Arsenic | mg/kg wet | 0.005 | 0.0469 | 0.0497 |
| Barium | mg/kg wet | 0.01 | 0.025 | <0.010 |
| Beryllium | mg/kg wet | 0.002 | <0.0020 | <0.0020 |
| Bismuth | mg/kg wet | 0.02 | <0.020 | <0.020 |
| Boron | mg/kg wet | 0.2 | <0.20 | <0.20 |
| Cadmium | mg/kg wet | 0.002 | 0.0078 | 0.0192 |
| Calcium | mg/kg wet | 2 | 102 | 43.4 |
| Chromium | mg/kg wet | 0.01 | <0.023 | <0.022 |
| Cobalt | mg/kg wet | 0.004 | 0.0184 | 0.0231 |
| Copper | mg/kg wet | 0.01 | 10.9 | 15.2 |
| Iron | mg/kg wet | 1 | 24.6 | 49.2 |
| Lead | mg/kg wet | 0.004 | <0.0040 | <0.0040 |
| Magnesium | mg/kg wet | 2 | 224 | 220 |
| Manganese | mg/kg wet | 0.02 | 1.41 | 1.13 |
| Mercury | mg/kg wet | 0.002 | 0.163 | 0.267 |
| Molybdenum | mg/kg wet | 0.01 | 0.094 | 0.124 |
| Nickel | mg/kg wet | 0.01 | 0.016 | 0.012 |
| Phosphorus | mg/kg wet | 5 | 3870 | 4280 |
| Potassium | mg/kg wet | 10 | 3730 | 4150 |
| Selenium | mg/kg wet | 0.02 | 1.07 | 1.4 |
| Silver | mg/kg wet | 0.01 | 0.056 | 0.131 |

| LAB ID | | | 26B2348-39 | 26B2348-41 |
|---|---|---|---|---|
| CLIENT ID | | | 019B Liver | 020B Liver |
| DATE SAMPLED | | | 2025-11-10 | 2025-11-10 |
| **Analyte** | **Unit** | **Detection Limit** | | |
| Sodium | mg/kg wet | 2 | 795 | 605 |
| Strontium | mg/kg wet | 0.01 | 0.225 | 0.083 |
| Thallium | mg/kg wet | 0.001 | 0.0066 | 0.0046 |
| Tin | mg/kg wet | 0.02 | <0.020 | <0.020 |
| Titanium | mg/kg wet | 0.05 | <0.139 | <0.134 |
| Uranium | mg/kg wet | 0.001 | <0.0010 | <0.0010 |
| Vanadium | mg/kg wet | 0.02 | 0.061 | 0.255 |
| Zinc | mg/kg wet | 0.1 | 34.8 | 34.3 |

## Appendix Table B-5. Northern pike muscle tissue metal concentrations on Frenchman Lake.

| LAB ID | | | 26B2348-01 | 26B2348-05 | 26B2348-07 | 26B2348-12 | 26B2348-15 |
|---|---|---|---|---|---|---|---|
| CLIENT ID | | | 001F Muscle | 002F Muscle | 003F Muscle | 004F Muscle | 005F Muscle |
| DATE SAMPLED | | | 2025-11-07 | 2025-11-07 | 2025-11-07 | 2025-11-07 | 2025-11-07 |
| **Analyte** | **Unit** | **Detection Limit** | | | | | |
| Moisture | % wet | 1 | 75.4 | 78.4 | 76.4 | 75 | 75 |
| Aluminum | mg/kg wet | 0.4 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 |
| Antimony | mg/kg wet | 0.002 | <0.0020 | <0.0020 | 0.0022 | <0.0020 | 0.0024 |
| Arsenic | mg/kg wet | 0.005 | 0.0821 | 0.0478 | 0.0375 | 0.0704 | 0.068 |
| Barium | mg/kg wet | 0.01 | <0.010 | <0.010 | <0.010 | <0.010 | 0.046 |
| Beryllium | mg/kg wet | 0.002 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 |
| Bismuth | mg/kg wet | 0.02 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 |
| Boron | mg/kg wet | 0.2 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| Cadmium | mg/kg wet | 0.002 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 |
| Calcium | mg/kg wet | 2 | 68.5 | 75.5 | 97.8 | 96 | 67.8 |
| Chromium | mg/kg wet | 0.01 | 0.313 | 0.357 | 0.063 | 0.019 | 0.013 |
| Cobalt | mg/kg wet | 0.004 | <0.0040 | <0.0040 | <0.0040 | <0.0040 | <0.0040 |
| Copper | mg/kg wet | 0.01 | 0.549 | 0.338 | 0.218 | 0.418 | 0.395 |
| Iron | mg/kg wet | 1 | 7.1 | 5.1 | 1.8 | 5 | 4.8 |
| Lead | mg/kg wet | 0.004 | <0.0040 | <0.0040 | 0.0056 | <0.0040 | 0.0059 |
| Magnesium | mg/kg wet | 2 | 263 | 242 | 261 | 249 | 232 |
| Manganese | mg/kg wet | 0.02 | 0.086 | 0.074 | 0.063 | 0.068 | 0.082 |

| LAB ID | | | 26B2348-01 | 26B2348-05 | 26B2348-07 | 26B2348-12 | 26B2348-15 |
|---|---|---|---|---|---|---|---|
| CLIENT ID | | | 001F Muscle | 002F Muscle | 003F Muscle | 004F Muscle | 005F Muscle |
| DATE SAMPLED | | | 2025-11-07 | 2025-11-07 | 2025-11-07 | 2025-11-07 | 2025-11-07 |
| **Analyte** | **Unit** | **Detection Limit** | | | | | |
| Mercury | mg/kg wet | 0.002 | 0.862 | 0.78 | 0.459 | 0.886 | 1.09 |
| Molybdenum | mg/kg wet | 0.01 | 0.013 | 0.013 | <0.010 | <0.010 | <0.010 |
| Nickel | mg/kg wet | 0.01 | 0.011 | 0.011 | <0.010 | <0.010 | <0.010 |
| Phosphorus | mg/kg wet | 5 | 2260 | 2030 | 2050 | 2110 | 1940 |
| Potassium | mg/kg wet | 10 | 3840 | 3850 | 3880 | 3670 | 3490 |
| Selenium | mg/kg wet | 0.02 | 0.139 | 0.105 | 0.111 | 0.123 | 0.12 |
| Silver | mg/kg wet | 0.01 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 |
| Sodium | mg/kg wet | 2 | 388 | 339 | 248 | 440 | 323 |
| Strontium | mg/kg wet | 0.01 | 0.106 | 0.153 | 0.158 | 0.189 | 0.14 |
| Thallium | mg/kg wet | 0.001 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 |
| Tin | mg/kg wet | 0.02 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 |
| Titanium | mg/kg wet | 0.05 | <0.050 | <0.050 | <0.050 | <0.050 | <0.050 |
| Uranium | mg/kg wet | 0.001 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 |
| Vanadium | mg/kg wet | 0.02 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 |
| Zinc | mg/kg wet | 0.1 | 4.94 | 4.16 | 3.39 | 5.11 | 3.92 |

## Appendix Table B-6. Northern pike liver tissue metal concentrations on Frenchman Lake.

| LAB ID | | | 26B2348-02 | 26B2348-04 | 26B2348-09 | 26B2348-10 | 26B2348-13 |
|---|---|---|---|---|---|---|---|
| CLIENT ID | | | 001F Liver | 002F Liver | 003F Liver | 004F Liver | 005F Liver |
| DATE SAMPLED | | | 2025-11-07 | 2025-11-07 | 2025-11-07 | 2025-11-07 | 2025-11-07 |
| **Analyte** | **Unit** | **Detection Limit** | | | | | |
| Moisture | % wet | 1 | 64.7 | 73.4 | 70.7 | 72.9 | 75.2 |
| Aluminum | mg/kg wet | 0.4 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 |
| Antimony | mg/kg wet | 0.002 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 |
| Arsenic | mg/kg wet | 0.005 | 0.0401 | 0.0212 | 0.0147 | 0.0162 | 0.0226 |
| Barium | mg/kg wet | 0.01 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 |
| Beryllium | mg/kg wet | 0.002 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 |
| Bismuth | mg/kg wet | 0.02 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 |
| Boron | mg/kg wet | 0.2 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| Cadmium | mg/kg wet | 0.002 | 0.005 | 0.0034 | <0.0020 | 0.0022 | 0.0039 |
| Calcium | mg/kg wet | 2 | 33.7 | 32.6 | 37 | 30.8 | 39.2 |
| Chromium | mg/kg wet | 0.01 | 0.079 | 0.074 | <0.010 | <0.010 | <0.010 |
| Cobalt | mg/kg wet | 0.004 | 0.0138 | 0.0164 | 0.0124 | 0.0128 | 0.0124 |
| Copper | mg/kg wet | 0.01 | 5.8 | 6.17 | 3.74 | 1.78 | 2.66 |
| Iron | mg/kg wet | 1 | 18.5 | 18.3 | 27.7 | 13.1 | 11.1 |
| Lead | mg/kg wet | 0.004 | <0.0040 | <0.0040 | <0.0040 | <0.0040 | <0.0040 |
| Magnesium | mg/kg wet | 2 | 205 | 185 | 134 | 163 | 161 |
| Manganese | mg/kg wet | 0.02 | 0.788 | 0.895 | 0.494 | 0.588 | 0.576 |
| Mercury | mg/kg wet | 0.002 | 0.709 | 0.403 | 0.16 | 0.605 | 0.771 |
| Molybdenum | mg/kg wet | 0.01 | 0.073 | 0.089 | 0.066 | 0.059 | 0.05 |
| Nickel | mg/kg wet | 0.01 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 |
| Phosphorus | mg/kg wet | 5 | 3860 | 3550 | 2360 | 3030 | 3020 |
| Potassium | mg/kg wet | 10 | 3800 | 3520 | 2900 | 3220 | 2880 |
| Selenium | mg/kg wet | 0.02 | 0.678 | 0.734 | 0.729 | 0.505 | 0.58 |
| Silver | mg/kg wet | 0.01 | 0.01 | 0.022 | <0.010 | <0.010 | <0.010 |

| LAB ID | | | 26B2348-02 | 26B2348-04 | 26B2348-09 | 26B2348-10 | 26B2348-13 |
|---|---|---|---|---|---|---|---|
| CLIENT ID | | | 001F Liver | 002F Liver | 003F Liver | 004F Liver | 005F Liver |
| DATE SAMPLED | | | 2025-11-07 | 2025-11-07 | 2025-11-07 | 2025-11-07 | 2025-11-07 |
| **Analyte** | **Unit** | **Detection Limit** | | | | | |
| Sodium | mg/kg wet | 2 | 573 | 753 | 708 | 654 | 878 |
| Strontium | mg/kg wet | 0.01 | 0.092 | 0.09 | 0.117 | 0.091 | 0.11 |
| Thallium | mg/kg wet | 0.001 | 0.0014 | 0.0015 | 0.0012 | <0.0010 | 0.001 |
| Tin | mg/kg wet | 0.02 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 |
| Titanium | mg/kg wet | 0.05 | 0.065 | 0.053 | <0.050 | <0.050 | <0.050 |
| Uranium | mg/kg wet | 0.001 | 0.0014 | 0.001 | <0.0010 | 0.002 | 0.0017 |
| Vanadium | mg/kg wet | 0.02 | 0.049 | 0.048 | <0.020 | 0.04 | 0.046 |
| Zinc | mg/kg wet | 0.1 | 29.3 | 46.2 | 30.2 | 26.5 | 20.8 |

## Appendix Table B-7. Northern pike gonad tissue metal concentrations on Frenchman Lake.

| LAB ID | | | 26B2348-03 | 26B2348-06 | 26B2348-08 | 26B2348-11 | 26B2348-14 |
|---|---|---|---|---|---|---|---|
| CLIENT ID | | | 001F Eggs | 002F Eggs | 003F Eggs | 004F Eggs | 005F Eggs |
| DATE SAMPLED | | | 2025-11-07 | 2025-11-07 | 2025-11-07 | 2025-11-07 | 2025-11-07 |
| **Analyte** | **Unit** | **Detection Limit** | | | | | |
| Moisture | % wet | 1 | 66.6 | 63.4 | 80.5 | 76.9 | 68.1 |
| Aluminum | mg/kg wet | 0.4 | <0.40 | <0.40 | 0.51 | <0.40 | <0.40 |
| Antimony | mg/kg wet | 0.002 | <0.0020 | <0.0020 | 0.0034 | <0.0020 | <0.0020 |
| Arsenic | mg/kg wet | 0.005 | 0.0215 | 0.0266 | 0.0089 | 0.0151 | 0.0254 |
| Barium | mg/kg wet | 0.01 | 0.131 | 0.113 | 0.029 | 0.066 | 0.132 |
| Beryllium | mg/kg wet | 0.002 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 |
| Bismuth | mg/kg wet | 0.02 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 |
| Boron | mg/kg wet | 0.2 | <0.20 | <0.20 | <0.20 | <0.20 | <0.20 |
| Cadmium | mg/kg wet | 0.002 | <0.0020 | <0.0020 | <0.0020 | <0.0020 | <0.0020 |
| Calcium | mg/kg wet | 2 | 302 | 243 | 122 | 124 | 253 |
| Chromium | mg/kg wet | 0.01 | <0.010 | <0.010 | 0.014 | <0.010 | <0.010 |
| Cobalt | mg/kg wet | 0.004 | 0.0243 | 0.0169 | 0.0447 | 0.0297 | 0.0261 |
| Copper | mg/kg wet | 0.01 | 1.03 | 0.928 | 0.755 | 0.819 | 0.945 |
| Iron | mg/kg wet | 1 | 24.8 | 20.1 | 18.4 | 11 | 11.4 |
| Lead | mg/kg wet | 0.004 | <0.0040 | <0.0040 | 0.0119 | 0.0131 | <0.0040 |
| Magnesium | mg/kg wet | 2 | 353 | 320 | 176 | 233 | 317 |
| Manganese | mg/kg wet | 0.02 | 1.98 | 3 | 1.1 | 0.662 | 1.71 |

| LAB ID | | | 26B2348-03 | 26B2348-06 | 26B2348-08 | 26B2348-11 | 26B2348-14 |
|---|---|---|---|---|---|---|---|
| CLIENT ID | | | 001F Eggs | 002F Eggs | 003F Eggs | 004F Eggs | 005F Eggs |
| DATE SAMPLED | | | 2025-11-07 | 2025-11-07 | 2025-11-07 | 2025-11-07 | 2025-11-07 |
| **Analyte** | **Unit** | **Detection Limit** | | | | | |
| Mercury | mg/kg wet | 0.002 | 0.0871 | 0.0765 | 0.061 | 0.144 | 0.154 |
| Molybdenum | mg/kg wet | 0.01 | 0.014 | 0.011 | 0.02 | 0.014 | 0.014 |
| Nickel | mg/kg wet | 0.01 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 |
| Phosphorus | mg/kg wet | 5 | 4170 | 3750 | 2850 | 3560 | 3870 |
| Potassium | mg/kg wet | 10 | 3270 | 3170 | 3770 | 3870 | 3210 |
| Selenium | mg/kg wet | 0.02 | 0.772 | 0.731 | 0.64 | 0.513 | 0.677 |
| Silver | mg/kg wet | 0.01 | <0.010 | <0.010 | <0.010 | <0.010 | <0.010 |
| Sodium | mg/kg wet | 2 | 1070 | 730 | 834 | 1110 | 828 |
| Strontium | mg/kg wet | 0.01 | 1.74 | 1.54 | 0.352 | 0.571 | 1.45 |
| Thallium | mg/kg wet | 0.001 | <0.0010 | <0.0010 | 0.0017 | <0.0010 | <0.0010 |
| Tin | mg/kg wet | 0.02 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 |
| Titanium | mg/kg wet | 0.05 | 0.061 | 0.052 | 0.066 | 0.065 | 0.055 |
| Uranium | mg/kg wet | 0.001 | <0.0010 | <0.0010 | <0.0010 | <0.0010 | <0.0010 |
| Vanadium | mg/kg wet | 0.02 | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 |
| Zinc | mg/kg wet | 0.1 | 78.1 | 57.2 | 110 | 109 | 48.7 |

Appendix Table B-8. Lake trout muscle tissue metal concentrations on Frenchman Lake.

| | | | |
|---|---|---|---|
| **LAB ID** | | | 26B2348-18 |
| **CLIENT ID** | | | 006F Muscle |
| **DATE SAMPLED** | | | 2025-11-07 |
| **Analyte** | **Unit** | **Detection Limit** | |
| Moisture | % wet | 1 | 76.800 |
| Aluminum | mg/kg wet | 0.4 | <0.40 |
| Antimony | mg/kg wet | 0.002 | <0.0020 |
| Arsenic | mg/kg wet | 0.005 | 0.059 |
| Barium | mg/kg wet | 0.01 | <0.010 |
| Beryllium | mg/kg wet | 0.002 | <0.0020 |
| Bismuth | mg/kg wet | 0.02 | <0.020 |
| Boron | mg/kg wet | 0.2 | <0.20 |
| Cadmium | mg/kg wet | 0.002 | <0.0020 |
| Calcium | mg/kg wet | 2 | 59.700 |
| Chromium | mg/kg wet | 0.01 | 0.012 |
| Cobalt | mg/kg wet | 0.004 | <0.0040 |
| Copper | mg/kg wet | 0.01 | 0.335 |
| Iron | mg/kg wet | 1 | 8.900 |
| Lead | mg/kg wet | 0.004 | 0.004 |

| LAB ID | | | 26B2348-18 |
|---|---|---|---|
| CLIENT ID | | | 006F Muscle |
| DATE SAMPLED | | | 2025-11-07 |
| **Analyte** | **Unit** | **Detection Limit** | |
| Magnesium | mg/kg wet | 2 | 183.000 |
| Manganese | mg/kg wet | 0.02 | 0.036 |
| Mercury | mg/kg wet | 0.002 | 1.860 |
| Molybdenum | mg/kg wet | 0.01 | <0.010 |
| Nickel | mg/kg wet | 0.01 | <0.010 |
| Phosphorus | mg/kg wet | 5 | 1950.000 |
| Potassium | mg/kg wet | 10 | 3540.000 |
| Selenium | mg/kg wet | 0.02 | 0.197 |
| Silver | mg/kg wet | 0.01 | <0.010 |
| Sodium | mg/kg wet | 2 | 537.000 |
| Strontium | mg/kg wet | 0.01 | 0.155 |
| Thallium | mg/kg wet | 0.001 | 0.002 |
| Tin | mg/kg wet | 0.02 | <0.020 |
| Titanium | mg/kg wet | 0.05 | <0.050 |
| Uranium | mg/kg wet | 0.001 | <0.0010 |
| Vanadium | mg/kg wet | 0.02 | <0.020 |
| Zinc | mg/kg wet | 0.1 | 4.450 |

## Appendix Table B-9. Lake trout liver tissue metal concentrations on Frenchman Lake.

| **LAB ID** | | | 26B2348-16 |
|---|---|---|---|
| **CLIENT ID** | | | 006F Liver |
| **DATE SAMPLED** | | | 2025-11-07 |
| **Analyte** | 2025-11-07 | **Detection Limit** | |
| Moisture | % wet | 1 | 64.700 |
| Aluminum | mg/kg wet | 0.4 | <0.40 |
| Antimony | mg/kg wet | 0.002 | 0.004 |
| Arsenic | mg/kg wet | 0.005 | 0.056 |
| Barium | mg/kg wet | 0.01 | <0.010 |
| Beryllium | mg/kg wet | 0.002 | <0.0020 |
| Bismuth | mg/kg wet | 0.02 | <0.020 |
| Boron | mg/kg wet | 0.2 | <0.20 |
| Cadmium | mg/kg wet | 0.002 | 0.007 |
| Calcium | mg/kg wet | 2 | 121.000 |
| Chromium | mg/kg wet | 0.01 | <0.010 |
| Cobalt | mg/kg wet | 0.004 | 0.120 |
| Copper | mg/kg wet | 0.01 | 13.100 |
| Iron | mg/kg wet | 1 | 255.000 |
| Lead | mg/kg wet | 0.004 | <0.0040 |
| Magnesium | mg/kg wet | 2 | 154.000 |
| Manganese | mg/kg wet | 0.02 | 0.649 |
| Mercury | mg/kg wet | 0.002 | 5.210 |
| Molybdenum | mg/kg wet | 0.01 | 0.180 |
| Nickel | mg/kg wet | 0.01 | <0.010 |
| Phosphorus | mg/kg wet | 5 | 3000.000 |
| Potassium | mg/kg wet | 10 | 2770.000 |
| Selenium | mg/kg wet | 0.02 | 1.890 |
| Silver | mg/kg wet | 0.01 | 0.051 |

| LAB ID | | | 26B2348-16 |
|---|---|---|---|
| CLIENT ID | | | 006F Liver |
| DATE SAMPLED | | | 2025-11-07 |
| **Analyte** | 2025-11-07 | **Detection Limit** | |
| Sodium | mg/kg wet | 2 | 797.000 |
| Strontium | mg/kg wet | 0.01 | 0.315 |
| Thallium | mg/kg wet | 0.001 | 0.012 |
| Tin | mg/kg wet | 0.02 | <0.020 |
| Titanium | mg/kg wet | 0.05 | <0.050 |
| Uranium | mg/kg wet | 0.001 | 0.002 |
| Vanadium | mg/kg wet | 0.02 | 0.027 |
| Zinc | mg/kg wet | 0.1 | 31.800 |

Appendix Table B-10. Lake trout gonad tissue metal concentrations on Frenchman Lake.

| LAB ID | | | 26B2348-17 |
|---|---|---|---|
| CLIENT ID | | | 006F Gonad |
| DATE SAMPLED | | | 2025-11-07 |
| **Analyte** | **Unit** | **Detection Limit** | |
| Moisture | % wet | 1 | 81.300 |
| Aluminum | mg/kg wet | 0.4 | <0.40 |
| Antimony | mg/kg wet | 0.002 | <0.0020 |
| Arsenic | mg/kg wet | 0.005 | 0.011 |
| Barium | mg/kg wet | 0.01 | <0.010 |
| Beryllium | mg/kg wet | 0.002 | <0.0020 |
| Bismuth | mg/kg wet | 0.02 | <0.020 |
| Boron | mg/kg wet | 0.2 | <0.20 |

| LAB ID | | | 26B2348-17 |
|---|---|---|---|
| CLIENT ID | | | 006F Gonad |
| DATE SAMPLED | | | 2025-11-07 |
| **Analyte** | **Unit** | **Detection Limit** | |
| Cadmium | mg/kg wet | 0.002 | <0.0020 |
| Calcium | mg/kg wet | 2 | 48.300 |
| Chromium | mg/kg wet | 0.01 | <0.010 |
| Cobalt | mg/kg wet | 0.004 | 0.012 |
| Copper | mg/kg wet | 0.01 | 0.467 |
| Iron | mg/kg wet | 1 | 492.000 |
| Lead | mg/kg wet | 0.004 | <0.0040 |
| Magnesium | mg/kg wet | 2 | 107.000 |
| Manganese | mg/kg wet | 0.02 | 0.122 |
| Mercury | mg/kg wet | 0.002 | 2.640 |
| Molybdenum | mg/kg wet | 0.01 | 0.024 |
| Nickel | mg/kg wet | 0.01 | <0.010 |
| Phosphorus | mg/kg wet | 5 | 2570.000 |
| Potassium | mg/kg wet | 10 | 2730.000 |
| Selenium | mg/kg wet | 0.02 | 1.230 |
| Silver | mg/kg wet | 0.01 | <0.010 |
| Sodium | mg/kg wet | 2 | 1340.000 |
| Strontium | mg/kg wet | 0.01 | 0.162 |
| Thallium | mg/kg wet | 0.001 | 0.005 |
| Tin | mg/kg wet | 0.02 | <0.020 |
| Titanium | mg/kg wet | 0.05 | <0.050 |
| Uranium | mg/kg wet | 0.001 | 0.003 |
| Vanadium | mg/kg wet | 0.02 | 0.036 |
| Zinc | mg/kg wet | 0.1 | 15.600 |

# APPENDIX C LABORATORY CERTIFICATE OF ANALYSIS

# CERTIFICATE OF ANALYSIS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse)<br>2195 2nd Ave<br>Whitehorse, YT Y1A 3T8 | | |
| **ATTENTION** | Lyndsay Doetzel | **WORK ORDER** | 26B2348 |
| **PO NUMBER** | | **RECEIVED / TEMP** | 2026-02-19 11:42 / 6.5°C |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |
| **PROJECT INFO** | LSCFN Frenchman and Braeburn Lake | **COC NUMBER** | NO# |

**Introduction:**

CARO Analytical Services is a testing laboratory full of smart, engaged scientists driven to make the world a safer and healthier place. Through our clients' projects we become an essential element for a better world. We employ methods conducted in accordance with recognized professional standards using accepted testing methodologies and quality control efforts. CARO is accredited by the Canadian Association for Laboratories Accreditation (CALA) to ISO/IEC 17025:2017 for specific tests listed in the scope of accreditation approved by CALA.

*Big Picture Sidekicks*

You know that the sample you collected after snowshoeing to site, digging 5 meters, and racing to get it on a plane so you can submit it to the lab for time sensitive results needed to make important and expensive decisions (whew) is VERY important. We know that too.

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*If you have any questions or concerns, please contact me at sgulenchyn@caro.ca*

**Authorized By:**

Sara Gulenchyn, B.Sc, P.Chem.
Senior Account Manager

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **001F Muscle (26B2348-01) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **75.4** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0821** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **68.5** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | **0.313** | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **0.549** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **7.1** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **263** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.086** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.862** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | **0.013** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | **0.011** | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **2260** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3840** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.139** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **388** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.106** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **4.94** | 0.10 | mg/kg wet | 2026-03-05 | |
| **001F Liver (26B2348-02) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **64.7** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **001F Liver (26B2348-02) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Arsenic | **0.0401** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | **0.0050** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **33.7** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | **0.079** | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0138** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **5.80** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **18.5** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **205** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.788** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.709** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | **0.073** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **3860** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3800** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.678** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | **0.010** | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **573** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.092** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0014** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | **0.065** | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | **0.0014** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | **0.049** | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **29.3** | 0.10 | mg/kg wet | 2026-03-05 | |
| **001F Eggs (26B2348-03) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **66.6** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0215** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | **0.131** | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **001F Eggs (26B2348-03) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **302** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0243** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **1.03** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **24.8** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **353** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **1.98** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.0871** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | **0.014** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **4170** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3270** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.772** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **1070** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **1.74** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | **0.061** | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **78.1** | 0.10 | mg/kg wet | 2026-03-05 | |
| **002F Liver (26B2348-04) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **73.4** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0212** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | **0.0034** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **32.6** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | **0.074** | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0164** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **6.17** | 0.010 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **002F Liver (26B2348-04) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Iron | **18.3** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **185** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.895** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.403** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | **0.089** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **3550** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3520** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.734** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | **0.022** | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **753** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.090** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0015** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | **0.053** | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | **0.0010** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | **0.048** | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **46.2** | 0.10 | mg/kg wet | 2026-03-05 | |
| **002F Muscle (26B2348-05) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **78.4** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0478** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **75.5** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | **0.357** | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **0.338** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **5.1** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **242** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.074** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.780** | 0.0020 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **002F Muscle (26B2348-05) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Molybdenum | **0.013** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | **0.011** | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **2030** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3850** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.105** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **339** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.153** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **4.16** | 0.10 | mg/kg wet | 2026-03-05 | |
| **002F Eggs (26B2348-06) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **63.4** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0266** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | **0.113** | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **243** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0169** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **0.928** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **20.1** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **320** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **3.00** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.0765** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | **0.011** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **3750** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3170** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.731** | 0.020 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **002F Eggs (26B2348-06) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **730** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **1.54** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | **0.052** | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **57.2** | 0.10 | mg/kg wet | 2026-03-05 | |
| **003F Muscle (26B2348-07) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **76.4** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | **0.0022** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0375** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **97.8** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | **0.063** | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **0.218** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **1.8** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | **0.0056** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **261** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.063** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.459** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **2050** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3880** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.111** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **248** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.158** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **003F Muscle (26B2348-07) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **3.39** | 0.10 | mg/kg wet | 2026-03-05 | |
| **003F Eggs (26B2348-08) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **80.5** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | **0.51** | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | **0.0034** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0089** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | **0.029** | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **122** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | **0.014** | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0447** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **0.755** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **18.4** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | **0.0119** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **176** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **1.10** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.0610** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | **0.020** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **2850** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3770** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.640** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **834** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.352** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0017** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | **0.066** | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **110** | 0.10 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **003F Liver (26B2348-09) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **70.7** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0147** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **37.0** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0124** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **3.74** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **27.7** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **134** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.494** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.160** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | **0.066** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **2360** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **2900** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.729** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **708** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.117** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0012** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **30.2** | 0.10 | mg/kg wet | 2026-03-05 | |
| **004F Liver (26B2348-10) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **72.9** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **004F Liver (26B2348-10) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Arsenic | **0.0162** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | **0.0022** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **30.8** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0128** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **1.78** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **13.1** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **163** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.588** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.605** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | **0.059** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **3030** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3220** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.505** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **654** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.091** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | **0.0020** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | **0.040** | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **26.5** | 0.10 | mg/kg wet | 2026-03-05 | |
| **004F Eggs (26B2348-11) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **76.9** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0151** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | **0.066** | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **004F Eggs (26B2348-11) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **124** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0297** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **0.819** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **11.0** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | **0.0131** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **233** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.662** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.144** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | **0.014** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **3560** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3870** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.513** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **1110** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.571** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | **0.065** | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **109** | 0.10 | mg/kg wet | 2026-03-05 | |
| **004F Muscle (26B2348-12) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **75.0** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0704** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **96.0** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | **0.019** | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **0.418** | 0.010 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **004F Muscle (26B2348-12) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Iron | **5.0** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **249** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.068** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.886** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **2110** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3670** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.123** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **440** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.189** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **5.11** | 0.10 | mg/kg wet | 2026-03-05 | |
| **005F Liver (26B2348-13) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **75.2** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0226** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | **0.0039** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **39.2** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0124** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **2.66** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **11.1** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **161** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.576** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.771** | 0.0020 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **005F Liver (26B2348-13) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Molybdenum | **0.050** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **3020** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **2880** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.580** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **878** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.110** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0010** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | **0.0017** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | **0.046** | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **20.8** | 0.10 | mg/kg wet | 2026-03-05 | |
| **005F Eggs (26B2348-14) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **68.1** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0254** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | **0.132** | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **253** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0261** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **0.945** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **11.4** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **317** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **1.71** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.154** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | **0.014** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **3870** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3210** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.677** | 0.020 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **005F Eggs (26B2348-14) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **828** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **1.45** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | **0.055** | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **48.7** | 0.10 | mg/kg wet | 2026-03-05 | |
| **005F Muscle (26B2348-15) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **75.0** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | **0.0024** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0680** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | **0.046** | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **67.8** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | **0.013** | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **0.395** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **4.8** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | **0.0059** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **232** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.082** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **1.09** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **1940** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3490** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.120** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **323** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.140** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **005F Muscle (26B2348-15) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **3.92** | 0.10 | mg/kg wet | 2026-03-05 | |
| **006F Liver (26B2348-16) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **64.7** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | **0.0037** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0562** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | **0.0068** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **121** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.120** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **13.1** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **255** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **154** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.649** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **5.21** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | **0.180** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **3000** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **2770** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **1.89** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | **0.051** | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **797** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.315** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0117** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | **0.0024** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | **0.027** | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **31.8** | 0.10 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **006F Gonad (26B2348-17) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **81.3** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0108** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **48.3** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0124** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **0.467** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **492** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **107** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.122** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **2.64** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | **0.024** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **2570** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **2730** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **1.23** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **1340** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.162** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0048** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | **0.0027** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | **0.036** | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **15.6** | 0.10 | mg/kg wet | 2026-03-05 | |
| **006F Muscle (26B2348-18) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **76.8** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **006F Muscle (26B2348-18) \| Matrix: Tissue (wet) \| Sampled: 2025-07-11, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Arsenic | **0.0591** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **59.7** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | **0.012** | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **0.335** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **8.9** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | **0.0043** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **183** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.036** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **1.86** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **1950** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3540** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.197** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **537** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.155** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0015** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **4.45** | 0.10 | mg/kg wet | 2026-03-05 | |
| **001B Liver (26B2348-19) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **72.9** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0637** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **001B Liver (26B2348-19) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Cadmium | **0.0040** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **58.4** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0234** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **9.27** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **26.5** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **162** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **1.68** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.193** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | **0.117** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **3540** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **2900** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **1.40** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | **0.051** | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **1610** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.227** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0235** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | **0.061** | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **30.1** | 0.10 | mg/kg wet | 2026-03-05 | |
| **001B Muscle (26B2348-20) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **68.6** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0594** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | **0.020** | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **67.4** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | **0.023** | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0064** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **1.63** | 0.010 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **001B Muscle (26B2348-20) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Iron | **14.4** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **218** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.188** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.130** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **2320** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3400** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.321** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **369** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.212** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0015** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **5.24** | 0.10 | mg/kg wet | 2026-03-05 | |
| **002B Liver (26B2348-22) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **73.3** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | **0.0031** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0377** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | **0.013** | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | **0.0081** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **80.4** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | **0.026** | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0309** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **23.1** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **79.4** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | **0.0055** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **142** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **1.37** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.366** | 0.0020 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **002B Liver (26B2348-22) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Molybdenum | **0.139** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | **0.026** | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **3160** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3480** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **1.54** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | **0.320** | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **1190** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.277** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0175** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | **0.060** | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | **0.0018** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | **0.047** | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **30.6** | 0.10 | mg/kg wet | 2026-03-05 | |
| **002B Muscle (26B2348-23) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **71.7** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0162** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **173** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.040 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0063** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **0.839** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **12.4** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **269** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.110** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.192** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **2620** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **4210** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.292** | 0.020 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **002B Muscle (26B2348-23) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **458** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.521** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0019** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.100 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **4.29** | 0.10 | mg/kg wet | 2026-03-05 | |
| **003B Liver (26B2348-24) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **69.5** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.75 | 0.40 | mg/kg wet | 2026-03-05 | RA3 |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.110** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | **0.0177** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **38.0** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0220** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **4.33** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **46.1** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **199** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **2.11** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.310** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | **0.180** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **4260** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **4060** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **1.54** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | **0.022** | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **1010** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.137** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0483** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **003B Liver (26B2348-24) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Titanium | < 0.117 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **51.0** | 0.10 | mg/kg wet | 2026-03-05 | |
| **003B Muscle (26B2348-25) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **69.5** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0567** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **54.2** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0050** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **1.05** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **10.4** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **277** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.143** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.122** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **2650** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **4360** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.313** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **405** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.129** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0020** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **4.51** | 0.10 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **004B Muscle (26B2348-26) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **71.9** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0502** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **71.6** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **0.597** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **5.9** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | **0.0061** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **267** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.075** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.141** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | **0.011** | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **2360** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **4120** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.298** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **288** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.197** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0013** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **3.88** | 0.10 | mg/kg wet | 2026-03-05 | |
| **004B Liver (26B2348-27) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **71.1** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 2.74 | 0.40 | mg/kg wet | 2026-03-05 | RA3 |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **004B Liver (26B2348-27) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Arsenic | **0.0944** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | **0.0069** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **56.1** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.023 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0240** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **3.24** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **91.0** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **165** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **1.55** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.275** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | **0.125** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **3510** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3460** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **1.24** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | **0.011** | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **1290** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.242** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0326** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.114 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **28.4** | 0.10 | mg/kg wet | 2026-03-05 | |
| **005B Muscle (26B2348-28) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **70.7** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0547** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **005B Muscle (26B2348-28) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **106** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.020 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0044** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **1.23** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **10.9** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **216** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.108** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.107** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **2170** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3470** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.279** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **336** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.359** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0020** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **4.16** | 0.10 | mg/kg wet | 2026-03-05 | |
| **005B Liver (26B2348-29) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **70.7** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 1.60 | 0.40 | mg/kg wet | 2026-03-05 | RA3 |
| Antimony | **0.0034** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0802** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | **0.0034** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **60.1** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0187** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **16.7** | 0.010 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **005B Liver (26B2348-29) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Iron | **50.2** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | **0.0453** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **159** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **1.29** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.213** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | **0.109** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **3290** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3250** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **1.29** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | **0.086** | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **1260** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.234** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0328** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.222 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **40.6** | 0.10 | mg/kg wet | 2026-03-05 | |
| **006B Liver (26B2348-30) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **71.2** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0770** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | **0.0040** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **42.4** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.020 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0167** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **3.53** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **24.8** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **149** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **1.40** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.171** | 0.0020 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **006B Liver (26B2348-30) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Molybdenum | **0.114** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **3070** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3300** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.961** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | **0.015** | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **892** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.181** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0319** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.100 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **29.2** | 0.10 | mg/kg wet | 2026-03-05 | |
| **007B Muscle (26B2348-31) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **72.4** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0598** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | **0.011** | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **149** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.020 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0053** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **1.20** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **10.9** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **238** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.126** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.114** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **2330** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3870** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.268** | 0.020 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **007B Muscle (26B2348-31) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **415** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.442** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0024** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **5.05** | 0.10 | mg/kg wet | 2026-03-05 | |
| **007B Liver (26B2348-32) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **71.5** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0862** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | **0.0073** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **43.2** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0177** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **6.29** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **61.3** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **238** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **1.36** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.172** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | **0.109** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **4510** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **4490** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **1.03** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | **0.026** | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **905** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.165** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0288** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **007B Liver (26B2348-32) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Titanium | < 0.250 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **30.3** | 0.10 | mg/kg wet | 2026-03-05 | |
| **008B Muscle (26B2348-33) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **60.1** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0568** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **42.9** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.025 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0054** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **1.48** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **12.3** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **242** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.140** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.0768** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **2410** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3730** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.321** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **378** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.118** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0019** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **5.22** | 0.10 | mg/kg wet | 2026-03-05 | |

CARO ANALYTICAL SERVICES

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **008B Liver (26B2348-34) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **69.9** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 4.32 | 0.40 | mg/kg wet | 2026-03-05 | RA3 |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0860** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | **0.0063** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **53.7** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.108 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0191** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **3.34** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **46.0** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **168** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **1.56** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.182** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | **0.133** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | **0.048** | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **3510** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3390** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **1.23** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | **0.016** | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **1290** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.210** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0276** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.162 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **30.9** | 0.10 | mg/kg wet | 2026-03-05 | |
| **009B Liver (26B2348-35) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **73.7** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 6.06 | 0.40 | mg/kg wet | 2026-03-05 | RA3 |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **009B Liver (26B2348-35) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Arsenic | **0.112** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | **0.011** | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | **0.0063** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **50.2** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.025 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0265** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **3.75** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **46.8** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **164** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **1.25** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.149** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | **0.101** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | **0.011** | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **3430** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3200** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **1.07** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | **0.029** | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **1340** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.216** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0146** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.177 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **24.7** | 0.10 | mg/kg wet | 2026-03-05 | |
| **009B Muscle (26B2348-36) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **70.7** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0508** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **009B Muscle (26B2348-36) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **83.3** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0042** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **0.952** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **7.4** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **186** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.103** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.0519** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **1830** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **2910** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.211** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **317** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.286** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **3.53** | 0.10 | mg/kg wet | 2026-03-05 | |
| **010B Liver (26B2348-37) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **71.4** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0419** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | **0.0063** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **69.0** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0221** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **3.39** | 0.010 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **010B Liver (26B2348-37) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Iron | **48.5** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **139** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **1.27** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.0796** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | **0.080** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **2800** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **2590** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.944** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | **0.021** | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **1260** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.325** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0126** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.125 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **20.6** | 0.10 | mg/kg wet | 2026-03-05 | |
| **010B Muscle (26B2348-38) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **69.6** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0377** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **51.7** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0044** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **0.900** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **7.9** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **250** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.102** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.0740** | 0.0020 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **010B Muscle (26B2348-38) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Molybdenum | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | **0.023** | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **2290** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3790** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.323** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **341** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.135** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0012** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **3.61** | 0.10 | mg/kg wet | 2026-03-05 | |
| **019B Liver (26B2348-39) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **71.3** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 3.70 | 0.40 | mg/kg wet | 2026-03-05 | RA3 |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0469** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | **0.025** | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | **0.0078** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **102** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.023 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0184** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **10.9** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **24.6** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **224** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **1.41** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.163** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | **0.094** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | **0.016** | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **3870** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3730** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **1.07** | 0.020 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **019B Liver (26B2348-39) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Silver | **0.056** | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **795** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.225** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0066** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.139 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | **0.061** | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **34.8** | 0.10 | mg/kg wet | 2026-03-05 | |
| **019B Muscle (26B2348-40) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **74.4** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0372** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | **0.012** | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **105** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **0.306** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **2.9** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **255** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.073** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.297** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **2080** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **4100** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.192** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **319** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.204** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0026** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **019B Muscle (26B2348-40) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **3.99** | 0.10 | mg/kg wet | 2026-03-05 | |
| **020B Liver (26B2348-41) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **70.8** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 3.57 | 0.40 | mg/kg wet | 2026-03-05 | RA3 |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0497** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | **0.0192** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **43.4** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.022 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | **0.0231** | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **15.2** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **49.2** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **220** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **1.13** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.267** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | **0.124** | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | **0.012** | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **4280** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **4150** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **1.40** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | **0.131** | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **605** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.083** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0046** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.134 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | **0.255** | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **34.3** | 0.10 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **020B Muscle (26B2348-42) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **74.5** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Arsenic | **0.0382** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **101** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.020 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **0.452** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **4.6** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **222** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.089** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.308** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **1920** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3670** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.231** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **272** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.135** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0025** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **4.24** | 0.10 | mg/kg wet | 2026-03-05 | |
| **006B Muscle (26B2348-43) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10** | | | | | |
| ***General Parameters*** | | | | | |
| Moisture | **71.5** | 1.0 | % wet | 2026-03-03 | |
| ***Metals in Tissue*** | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | 2026-03-05 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |

# TEST RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Analyzed | Qualifier |
|---|---|---|---|---|---|
| **006B Muscle (26B2348-43) \| Matrix: Tissue (wet) \| Sampled: 2025-11-10, Continued** | | | | | |
| ***Metals in Tissue, Continued*** | | | | | |
| Arsenic | **0.0349** | 0.0050 | mg/kg wet | 2026-03-05 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | 2026-03-05 | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | 2026-03-05 | |
| Calcium | **61.6** | 2.0 | mg/kg wet | 2026-03-05 | |
| Chromium | < 0.020 | 0.010 | mg/kg wet | 2026-03-05 | |
| Cobalt | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Copper | **0.623** | 0.010 | mg/kg wet | 2026-03-05 | |
| Iron | **4.6** | 1.0 | mg/kg wet | 2026-03-05 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | 2026-03-05 | |
| Magnesium | **225** | 2.0 | mg/kg wet | 2026-03-05 | |
| Manganese | **0.066** | 0.020 | mg/kg wet | 2026-03-05 | |
| Mercury | **0.0963** | 0.0020 | mg/kg wet | 2026-03-05 | |
| Molybdenum | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Phosphorus | **2150** | 5.0 | mg/kg wet | 2026-03-05 | |
| Potassium | **3760** | 10 | mg/kg wet | 2026-03-05 | |
| Selenium | **0.244** | 0.020 | mg/kg wet | 2026-03-05 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | 2026-03-05 | |
| Sodium | **318** | 2.0 | mg/kg wet | 2026-03-05 | |
| Strontium | **0.173** | 0.010 | mg/kg wet | 2026-03-05 | |
| Thallium | **0.0014** | 0.0010 | mg/kg wet | 2026-03-05 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | 2026-03-05 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | 2026-03-05 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | 2026-03-05 | |
| Zinc | **3.50** | 0.10 | mg/kg wet | 2026-03-05 | |

**Sample Qualifiers:**

RA3 The Reporting Limit has been raised due to comparable level detected in the blank(s).

# APPENDIX 1: SUPPORTING INFORMATION

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analysis Description | Method Ref. | Technique | Accredited | Location |
|---|---|---|---|---|
| Metals in Tissue in Tissue (wet) | EPA 200.3 / EPA 6020B | HNO3+HCl+H2O2 Hot Block Digestion / Inductively Coupled Plasma-Mass Spectroscopy (ICP-MS) | ✓ | Richmond |
| Moisture in Tissue (wet) | ASTM D2974-87* | Gravimetry (Dried at 105C) | | N/A |

*Note: An asterisk in the Method Reference indicates that the method has been modified from the reference method*

**Glossary of Terms:**

| | |
|---|---|
| RL | Reporting Limit (default) |
| % wet | Percent (as received basis) |
| < | Less than the specified Reporting Limit (RL) - the actual RL may be higher than the default RL due to various factors |
| mg/kg wet | Milligrams per kilogram (as received basis) |
| ASTM | ASTM International Test Methods |
| EPA | United States Environmental Protection Agency Test Methods |

**General Comments:**

The results in this report apply to samples received by CARO and analyzed in accordance with the Chain of Custody document. This analytical report must be reproduced in its entirety and must not be modified. CARO is not responsible for losses or damages resulting directly or indirectly from errors or omissions in the conduct of the testing. Any liability is limited to the cost of analysis. CARO will dispose of all samples within 30 days of sample receipt, unless otherwise agreed.

Results in **Bold** indicate values that are above CARO's method reporting limits. Results in **red** indicate values above the regulatory limits where these have been included. Any Bold and/or highlighted results do not take into account method uncertainty. If you would like method uncertainty or regulatory limits to be included on your report, please contact your Account Manager: sgulenchyn@caro.ca

*Regulatory limits are added to test reports on request and are as a convenience only. While CARO makes every effort to ensure accuracy of regulatory limits, CARO assumes no liability for the use of this information. It remains the client's responsibility to ensure that regulatory limits are correct for their circumstances.*

# APPENDIX 2: QUALITY CONTROL RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

The following section displays the quality control (QC) data that is associated with your sample data. Groups of samples are prepared in “batches” and analyzed in conjunction with QC samples that ensure your data is of the highest quality. Common QC types include:

- **Method Blank (Blk)**: A blank sample that undergoes sample processing identical to that carried out for the test samples. Method blank results are used to assess contamination from the laboratory environment and reagents.
- **Duplicate (Dup)**: An additional or second portion of a randomly selected sample in the analytical run carried through the entire analytical process. Duplicates provide a measure of the analytical method's precision (reproducibility).
- **Blank Spike (BS)**: A sample of known concentration which undergoes processing identical to that carried out for test samples, also referred to as a laboratory control sample (LCS). Blank spikes provide a measure of the analytical method's accuracy.
- **Matrix Spike (MS)**: A second aliquot of sample is fortified with a known concentration of target analytes and carried through the entire analytical process. Matrix spikes evaluate potential matrix effects that may affect the analyte recovery.
- **Reference Material (SRM)**: A homogenous material of similar matrix to the samples, certified for the parameter(s) listed. Reference Materials ensure that the analytical process is adequate to achieve acceptable recoveries of the parameter(s) tested.

Each QC type is analyzed at a 5-10% frequency, i.e. one blank/duplicate/spike for every 10-20 samples. For all types of QC, the specified recovery (% Rec) and relative percent difference (RPD) limits are derived from long-term method performance averages and/or prescribed by the reference method.

| Analyte | Result | RL | Units | Spike Level | Source Result | % REC | REC Limit | % RPD | RPD Limit | Qualifier |
|---|---|---|---|---|---|---|---|---|---|---|
| ***General Parameters, Batch B6B4408*** | | | | | | | | | | |
| **Duplicate (B6B4408-DUP1)** | | **Source: 26B2348-01** | | Prepared: 2026-03-03, Analyzed: 2026-03-03 | | | | | | |
| Moisture | 99.0 | 1.0 | % wet | | 75.4 | | | 27.1 | 20 | |
| ***General Parameters, Batch B6B4410*** | | | | | | | | | | |
| **Duplicate (B6B4410-DUP1)** | | **Source: 26B2348-23** | | Prepared: 2026-03-03, Analyzed: 2026-03-03 | | | | | | |
| Moisture | 99.0 | 1.0 | % wet | | 71.7 | | | 32.0 | 20 | |
| ***Metals in Tissue, Batch B6C2018*** | | | | | | | | | | |
| **Blank (B6C2018-BLK1)** | | | | Prepared: 2026-03-04, Analyzed: 2026-03-05 | | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | | | | | | | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | | | | | | | |
| Arsenic | < 0.0050 | 0.0050 | mg/kg wet | | | | | | | |
| Barium | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | | | | | | | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | | | | | | | |
| Boron | < 0.20 | 0.20 | mg/kg wet | | | | | | | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | | | | | | | |
| Calcium | < 2.0 | 2.0 | mg/kg wet | | | | | | | |
| Chromium | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Cobalt | < 0.0040 | 0.0040 | mg/kg wet | | | | | | | |
| Copper | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Iron | < 1.0 | 1.0 | mg/kg wet | | | | | | | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | | | | | | | |
| Magnesium | < 2.0 | 2.0 | mg/kg wet | | | | | | | |
| Manganese | < 0.020 | 0.020 | mg/kg wet | | | | | | | |
| Mercury | < 0.0020 | 0.0020 | mg/kg wet | | | | | | | |
| Molybdenum | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Phosphorus | < 5.0 | 5.0 | mg/kg wet | | | | | | | |
| Potassium | < 10 | 10 | mg/kg wet | | | | | | | |
| Selenium | < 0.020 | 0.020 | mg/kg wet | | | | | | | |
| Silver | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Sodium | < 2.0 | 2.0 | mg/kg wet | | | | | | | |
| Strontium | < 0.010 | 0.010 | mg/kg wet | | | | | | | |

# APPENDIX 2: QUALITY CONTROL RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Spike Level | Source Result | % REC | REC Limit | % RPD | RPD Limit | Qualifier |
|---|---|---|---|---|---|---|---|---|---|---|
| ***Metals in Tissue, Batch B6C2018, Continued*** | | | | | | | | | | |
| **Blank (B6C2018-BLK1), Continued** | | | | Prepared: 2026-03-04, Analyzed: 2026-03-05 | | | | | | |
| Thallium | < 0.0010 | 0.0010 | mg/kg wet | | | | | | | |
| Tin | < 0.020 | 0.020 | mg/kg wet | | | | | | | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | | | | | | | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | | | | | | | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | | | | | | | |
| Zinc | < 0.10 | 0.10 | mg/kg wet | | | | | | | |
| **Blank (B6C2018-BLK2)** | | | | Prepared: 2026-03-04, Analyzed: 2026-03-05 | | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | | | | | | | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | | | | | | | |
| Arsenic | < 0.0050 | 0.0050 | mg/kg wet | | | | | | | |
| Barium | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | | | | | | | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | | | | | | | |
| Boron | < 0.20 | 0.20 | mg/kg wet | | | | | | | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | | | | | | | |
| Calcium | < 2.0 | 2.0 | mg/kg wet | | | | | | | |
| Chromium | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Cobalt | < 0.0040 | 0.0040 | mg/kg wet | | | | | | | |
| Copper | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Iron | < 1.0 | 1.0 | mg/kg wet | | | | | | | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | | | | | | | |
| Magnesium | < 2.0 | 2.0 | mg/kg wet | | | | | | | |
| Manganese | < 0.020 | 0.020 | mg/kg wet | | | | | | | |
| Mercury | < 0.0020 | 0.0020 | mg/kg wet | | | | | | | |
| Molybdenum | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Phosphorus | < 5.0 | 5.0 | mg/kg wet | | | | | | | |
| Potassium | < 10 | 10 | mg/kg wet | | | | | | | |
| Selenium | < 0.020 | 0.020 | mg/kg wet | | | | | | | |
| Silver | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Sodium | < 2.0 | 2.0 | mg/kg wet | | | | | | | |
| Strontium | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Thallium | < 0.0010 | 0.0010 | mg/kg wet | | | | | | | |
| Tin | < 0.020 | 0.020 | mg/kg wet | | | | | | | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | | | | | | | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | | | | | | | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | | | | | | | |
| Zinc | < 0.10 | 0.10 | mg/kg wet | | | | | | | |
| **LCS (B6C2018-BS1)** | | | | Prepared: 2026-03-04, Analyzed: 2026-03-05 | | | | | | |
| Aluminum | 44.2 | 0.40 | mg/kg wet | 40.0 | | 110 | 80-120 | | | |
| Antimony | 0.385 | 0.0020 | mg/kg wet | 0.400 | | 96 | 80-120 | | | |
| Arsenic | 4.00 | 0.0050 | mg/kg wet | 4.00 | | 100 | 80-120 | | | |
| Barium | 0.389 | 0.010 | mg/kg wet | 0.400 | | 97 | 80-120 | | | |
| Beryllium | 0.413 | 0.0020 | mg/kg wet | 0.400 | | 103 | 80-120 | | | |
| Bismuth | 0.409 | 0.020 | mg/kg wet | 0.400 | | 102 | 80-120 | | | |
| Boron | 4.10 | 0.20 | mg/kg wet | 4.00 | | 102 | 80-120 | | | |
| Cadmium | 0.385 | 0.0020 | mg/kg wet | 0.400 | | 96 | 80-120 | | | |
| Calcium | 42.4 | 2.0 | mg/kg wet | 40.0 | | 106 | 80-120 | | | |
| Chromium | 0.424 | 0.010 | mg/kg wet | 0.400 | | 106 | 80-120 | | | |
| Cobalt | 0.416 | 0.0040 | mg/kg wet | 0.400 | | 104 | 80-120 | | | |
| Copper | 0.403 | 0.010 | mg/kg wet | 0.400 | | 101 | 80-120 | | | |
| Iron | 42.4 | 1.0 | mg/kg wet | 40.0 | | 106 | 80-120 | | | |
| Lead | 0.416 | 0.0040 | mg/kg wet | 0.400 | | 104 | 80-120 | | | |
| Magnesium | 42.8 | 2.0 | mg/kg wet | 40.0 | | 107 | 80-120 | | | |
| Manganese | 0.421 | 0.020 | mg/kg wet | 0.400 | | 105 | 80-120 | | | |

# APPENDIX 2: QUALITY CONTROL RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Spike Level | Source Result | % REC | REC Limit | % RPD | RPD Limit | Qualifier |
|---|---|---|---|---|---|---|---|---|---|---|
| ***Metals in Tissue, Batch B6C2018, Continued*** | | | | | | | | | | |
| **LCS (B6C2018-BS1), Continued** | | | | Prepared: 2026-03-04, Analyzed: 2026-03-05 | | | | | | |
| Mercury | 0.0409 | 0.0020 | mg/kg wet | 0.0400 | | 102 | 80-120 | | | |
| Molybdenum | 0.408 | 0.010 | mg/kg wet | 0.400 | | 102 | 80-120 | | | |
| Nickel | 0.416 | 0.010 | mg/kg wet | 0.400 | | 104 | 80-120 | | | |
| Phosphorus | 42.4 | 5.0 | mg/kg wet | 40.0 | | 106 | 80-120 | | | |
| Potassium | 43 | 10 | mg/kg wet | 40.0 | | 109 | 80-120 | | | |
| Selenium | 4.02 | 0.020 | mg/kg wet | 4.00 | | 101 | 80-120 | | | |
| Silver | 0.391 | 0.010 | mg/kg wet | 0.400 | | 98 | 80-120 | | | |
| Sodium | 43.3 | 2.0 | mg/kg wet | 40.0 | | 108 | 80-120 | | | |
| Strontium | 0.411 | 0.010 | mg/kg wet | 0.400 | | 103 | 80-120 | | | |
| Thallium | 0.430 | 0.0010 | mg/kg wet | 0.400 | | 108 | 80-120 | | | |
| Tin | 0.403 | 0.020 | mg/kg wet | 0.400 | | 101 | 80-120 | | | |
| Titanium | 0.441 | 0.050 | mg/kg wet | 0.400 | | 110 | 80-120 | | | |
| Uranium | 0.419 | 0.0010 | mg/kg wet | 0.400 | | 105 | 80-120 | | | |
| Vanadium | 0.420 | 0.020 | mg/kg wet | 0.400 | | 105 | 80-120 | | | |
| Zinc | 3.90 | 0.10 | mg/kg wet | 4.00 | | 98 | 80-120 | | | |
| **LCS (B6C2018-BS2)** | | | | Prepared: 2026-03-04, Analyzed: 2026-03-05 | | | | | | |
| Aluminum | 44.4 | 0.40 | mg/kg wet | 40.0 | | 111 | 80-120 | | | |
| Antimony | 0.384 | 0.0020 | mg/kg wet | 0.400 | | 96 | 80-120 | | | |
| Arsenic | 3.94 | 0.0050 | mg/kg wet | 4.00 | | 98 | 80-120 | | | |
| Barium | 0.396 | 0.010 | mg/kg wet | 0.400 | | 99 | 80-120 | | | |
| Beryllium | 0.433 | 0.0020 | mg/kg wet | 0.400 | | 108 | 80-120 | | | |
| Bismuth | 0.400 | 0.020 | mg/kg wet | 0.400 | | 100 | 80-120 | | | |
| Boron | 4.34 | 0.20 | mg/kg wet | 4.00 | | 108 | 80-120 | | | |
| Cadmium | 0.390 | 0.0020 | mg/kg wet | 0.400 | | 98 | 80-120 | | | |
| Calcium | 42.1 | 2.0 | mg/kg wet | 40.0 | | 105 | 80-120 | | | |
| Chromium | 0.417 | 0.010 | mg/kg wet | 0.400 | | 104 | 80-120 | | | |
| Cobalt | 0.411 | 0.0040 | mg/kg wet | 0.400 | | 103 | 80-120 | | | |
| Copper | 0.399 | 0.010 | mg/kg wet | 0.400 | | 100 | 80-120 | | | |
| Iron | 41.7 | 1.0 | mg/kg wet | 40.0 | | 104 | 80-120 | | | |
| Lead | 0.408 | 0.0040 | mg/kg wet | 0.400 | | 102 | 80-120 | | | |
| Magnesium | 43.2 | 2.0 | mg/kg wet | 40.0 | | 108 | 80-120 | | | |
| Manganese | 0.417 | 0.020 | mg/kg wet | 0.400 | | 104 | 80-120 | | | |
| Mercury | 0.0392 | 0.0020 | mg/kg wet | 0.0400 | | 98 | 80-120 | | | |
| Molybdenum | 0.410 | 0.010 | mg/kg wet | 0.400 | | 103 | 80-120 | | | |
| Nickel | 0.413 | 0.010 | mg/kg wet | 0.400 | | 103 | 80-120 | | | |
| Phosphorus | 42.2 | 5.0 | mg/kg wet | 40.0 | | 105 | 80-120 | | | |
| Potassium | 43 | 10 | mg/kg wet | 40.0 | | 109 | 80-120 | | | |
| Selenium | 3.90 | 0.020 | mg/kg wet | 4.00 | | 98 | 80-120 | | | |
| Silver | 0.396 | 0.010 | mg/kg wet | 0.400 | | 99 | 80-120 | | | |
| Sodium | 43.0 | 2.0 | mg/kg wet | 40.0 | | 108 | 80-120 | | | |
| Strontium | 0.411 | 0.010 | mg/kg wet | 0.400 | | 103 | 80-120 | | | |
| Thallium | 0.420 | 0.0010 | mg/kg wet | 0.400 | | 105 | 80-120 | | | |
| Tin | 0.402 | 0.020 | mg/kg wet | 0.400 | | 100 | 80-120 | | | |
| Titanium | 0.432 | 0.050 | mg/kg wet | 0.400 | | 108 | 80-120 | | | |
| Uranium | 0.410 | 0.0010 | mg/kg wet | 0.400 | | 103 | 80-120 | | | |
| Vanadium | 0.412 | 0.020 | mg/kg wet | 0.400 | | 103 | 80-120 | | | |
| Zinc | 3.85 | 0.10 | mg/kg wet | 4.00 | | 96 | 80-120 | | | |
| **Duplicate (B6C2018-DUP1)** | | **Source: 26B2348-01** | | Prepared: 2026-03-04, Analyzed: 2026-03-05 | | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | | < 0.40 | | | | 40 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | | < 0.0020 | | | | 40 | |
| Arsenic | 0.0820 | 0.0050 | mg/kg wet | | 0.0821 | | | < 1 | 40 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | | < 0.010 | | | | 40 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | | < 0.0020 | | | | 40 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | | < 0.020 | | | | 40 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | | < 0.20 | | | | 40 | |

# APPENDIX 2: QUALITY CONTROL RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Spike Level | Source Result | % REC | REC Limit | % RPD | RPD Limit | Qualifier |
|---|---|---|---|---|---|---|---|---|---|---|
| ***Metals in Tissue, Batch B6C2018, Continued*** | | | | | | | | | | |
| **Duplicate (B6C2018-DUP1), Continued** | | **Source: 26B2348-01** | | Prepared: 2026-03-04, Analyzed: 2026-03-05 | | | | | | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | | < 0.0020 | | | | 40 | |
| Calcium | 70.3 | 2.0 | mg/kg wet | | 68.5 | | | 3 | 60 | |
| Chromium | 0.227 | 0.010 | mg/kg wet | | 0.313 | | | 32 | 40 | |
| Cobalt | < 0.0040 | 0.0040 | mg/kg wet | | < 0.0040 | | | | 40 | |
| Copper | 0.587 | 0.010 | mg/kg wet | | 0.549 | | | 7 | 40 | |
| Iron | 7.6 | 1.0 | mg/kg wet | | 7.1 | | | 6 | 40 | |
| Lead | 0.0271 | 0.0040 | mg/kg wet | | < 0.0040 | | | 200 | 40 | |
| Magnesium | 273 | 2.0 | mg/kg wet | | 263 | | | 4 | 40 | |
| Manganese | 0.093 | 0.020 | mg/kg wet | | 0.086 | | | | 40 | |
| Mercury | 0.883 | 0.0020 | mg/kg wet | | 0.862 | | | 2 | 40 | |
| Molybdenum | 0.010 | 0.010 | mg/kg wet | | 0.013 | | | | 40 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | | 0.011 | | | | 40 | |
| Phosphorus | 2370 | 5.0 | mg/kg wet | | 2260 | | | 5 | 40 | |
| Potassium | 4040 | 10 | mg/kg wet | | 3840 | | | 5 | 40 | |
| Selenium | 0.137 | 0.020 | mg/kg wet | | 0.139 | | | 1 | 40 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | | < 0.010 | | | | 40 | |
| Sodium | 400 | 2.0 | mg/kg wet | | 388 | | | 3 | 40 | |
| Strontium | 0.114 | 0.010 | mg/kg wet | | 0.106 | | | 7 | 60 | |
| Thallium | < 0.0010 | 0.0010 | mg/kg wet | | < 0.0010 | | | | 40 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | | < 0.020 | | | | 40 | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | | < 0.050 | | | | 40 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | | < 0.0010 | | | | 40 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | | < 0.020 | | | | 40 | |
| Zinc | 5.53 | 0.10 | mg/kg wet | | 4.94 | | | 11 | 40 | |
| **Reference (B6C2018-SRM1)** | | | | Prepared: 2026-03-04, Analyzed: 2026-03-05 | | | | | | |
| Aluminum | 198 | 3.88 | mg/kg wet | 213 | | 93 | 70-130 | | | |
| Barium | 54.0 | 0.097 | mg/kg wet | 57.0 | | 95 | 70-130 | | | |
| Boron | 31.1 | 1.94 | mg/kg wet | 31.9 | | 97 | 70-130 | | | |
| Cadmium | 1.36 | 0.0194 | mg/kg wet | 1.44 | | 94 | 70-130 | | | |
| Calcium | 47800 | 19.4 | mg/kg wet | 49200 | | 97 | 70-130 | | | |
| Chromium | 0.884 | 0.097 | mg/kg wet | 1.07 | | 83 | 70-130 | | | |
| Cobalt | 0.507 | 0.0388 | mg/kg wet | 0.526 | | 96 | 70-130 | | | |
| Copper | 4.25 | 0.097 | mg/kg wet | 4.49 | | 95 | 70-130 | | | |
| Iron | 311 | 9.7 | mg/kg wet | 317 | | 98 | 70-130 | | | |
| Lead | 0.539 | 0.0388 | mg/kg wet | 0.570 | | 95 | 70-130 | | | |
| Magnesium | 10700 | 19.4 | mg/kg wet | 10500 | | 102 | 70-130 | | | |
| Manganese | 230 | 0.194 | mg/kg wet | 238 | | 97 | 70-130 | | | |
| Mercury | 0.0353 | 0.0194 | mg/kg wet | 0.0287 | | 123 | 70-130 | | | |
| Molybdenum | 0.384 | 0.097 | mg/kg wet | 0.396 | | 97 | 70-130 | | | |
| Nickel | 1.25 | 0.097 | mg/kg wet | 1.26 | | 99 | 70-130 | | | |
| Phosphorus | 2130 | 48.5 | mg/kg wet | 2220 | | 96 | 70-130 | | | |
| Potassium | 27200 | 97 | mg/kg wet | 25700 | | 106 | 70-130 | | | |
| Sodium | 108 | 19.4 | mg/kg wet | 118 | | 92 | 70-130 | | | |
| Strontium | 75.8 | 0.097 | mg/kg wet | 80.6 | | 94 | 70-130 | | | |
| Vanadium | 0.309 | 0.194 | mg/kg wet | 0.352 | | 88 | 70-130 | | | |
| Zinc | 28.6 | 0.97 | mg/kg wet | 29.0 | | 99 | 70-130 | | | |
| **Reference (B6C2018-SRM2)** | | | | Prepared: 2026-03-04, Analyzed: 2026-03-05 | | | | | | |
| Aluminum | 218 | 3.90 | mg/kg wet | 213 | | 102 | 70-130 | | | |
| Barium | 58.4 | 0.097 | mg/kg wet | 57.0 | | 103 | 70-130 | | | |
| Boron | 34.0 | 1.95 | mg/kg wet | 31.9 | | 107 | 70-130 | | | |
| Cadmium | 1.45 | 0.0195 | mg/kg wet | 1.44 | | 101 | 70-130 | | | |
| Calcium | 50100 | 19.5 | mg/kg wet | 49200 | | 102 | 70-130 | | | |
| Chromium | 0.949 | 0.097 | mg/kg wet | 1.07 | | 89 | 70-130 | | | |
| Cobalt | 0.544 | 0.0390 | mg/kg wet | 0.526 | | 103 | 70-130 | | | |
| Copper | 4.56 | 0.097 | mg/kg wet | 4.49 | | 102 | 70-130 | | | |

# APPENDIX 2: QUALITY CONTROL RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Spike Level | Source Result | % REC | REC Limit | % RPD | RPD Limit | Qualifier |
|---|---|---|---|---|---|---|---|---|---|---|
| ***Metals in Tissue, Batch B6C2018, Continued*** | | | | | | | | | | |
| **Reference (B6C2018-SRM2), Continued** | | | | Prepared: 2026-03-04, Analyzed: 2026-03-05 | | | | | | |
| Iron | 330 | 9.7 | mg/kg wet | 317 | | 104 | 70-130 | | | |
| Lead | 0.566 | 0.0390 | mg/kg wet | 0.570 | | 99 | 70-130 | | | |
| Magnesium | 11600 | 19.5 | mg/kg wet | 10500 | | 110 | 70-130 | | | |
| Manganese | 247 | 0.195 | mg/kg wet | 238 | | 104 | 70-130 | | | |
| Mercury | 0.0369 | 0.0195 | mg/kg wet | 0.0287 | | 128 | 70-130 | | | |
| Molybdenum | 0.389 | 0.097 | mg/kg wet | 0.396 | | 98 | 70-130 | | | |
| Nickel | 1.24 | 0.097 | mg/kg wet | 1.26 | | 98 | 70-130 | | | |
| Phosphorus | 2300 | 48.7 | mg/kg wet | 2220 | | 104 | 70-130 | | | |
| Potassium | 29200 | 97 | mg/kg wet | 25700 | | 114 | 70-130 | | | |
| Sodium | 115 | 19.5 | mg/kg wet | 118 | | 97 | 70-130 | | | |
| Strontium | 82.0 | 0.097 | mg/kg wet | 80.6 | | 102 | 70-130 | | | |
| Vanadium | 0.386 | 0.195 | mg/kg wet | 0.352 | | 110 | 70-130 | | | |
| Zinc | 29.4 | 0.97 | mg/kg wet | 29.0 | | 101 | 70-130 | | | |
| ***Metals in Tissue, Batch B6C2019*** | | | | | | | | | | |
| **Blank (B6C2019-BLK1)** | | | | Prepared: 2026-03-04, Analyzed: 2026-03-05 | | | | | | |
| Aluminum | 2.03 | 0.40 | mg/kg wet | | | | | | | BLK |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | | | | | | | |
| Arsenic | < 0.0050 | 0.0050 | mg/kg wet | | | | | | | |
| Barium | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | | | | | | | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | | | | | | | |
| Boron | < 0.20 | 0.20 | mg/kg wet | | | | | | | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | | | | | | | |
| Calcium | 3.2 | 2.0 | mg/kg wet | | | | | | | BLK |
| Chromium | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Cobalt | < 0.0040 | 0.0040 | mg/kg wet | | | | | | | |
| Copper | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Iron | < 1.0 | 1.0 | mg/kg wet | | | | | | | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | | | | | | | |
| Magnesium | < 2.0 | 2.0 | mg/kg wet | | | | | | | |
| Manganese | < 0.020 | 0.020 | mg/kg wet | | | | | | | |
| Mercury | < 0.0020 | 0.0020 | mg/kg wet | | | | | | | |
| Molybdenum | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Phosphorus | < 5.0 | 5.0 | mg/kg wet | | | | | | | |
| Potassium | < 10 | 10 | mg/kg wet | | | | | | | |
| Selenium | < 0.020 | 0.020 | mg/kg wet | | | | | | | |
| Silver | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Sodium | < 2.0 | 2.0 | mg/kg wet | | | | | | | |
| Strontium | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Thallium | < 0.0010 | 0.0010 | mg/kg wet | | | | | | | |
| Tin | < 0.020 | 0.020 | mg/kg wet | | | | | | | |
| Titanium | 0.057 | 0.050 | mg/kg wet | | | | | | | BLK |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | | | | | | | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | | | | | | | |
| Zinc | 0.12 | 0.10 | mg/kg wet | | | | | | | BLK |
| **Blank (B6C2019-BLK2)** | | | | Prepared: 2026-03-04, Analyzed: 2026-03-05 | | | | | | |
| Aluminum | 2.21 | 0.40 | mg/kg wet | | | | | | | BLK |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | | | | | | | |
| Arsenic | < 0.0050 | 0.0050 | mg/kg wet | | | | | | | |
| Barium | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | | | | | | | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | | | | | | | |

# APPENDIX 2: QUALITY CONTROL RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Spike Level | Source Result | % REC | REC Limit | % RPD | RPD Limit | Qualifier |
|---|---|---|---|---|---|---|---|---|---|---|
| ***Metals in Tissue, Batch B6C2019, Continued*** | | | | | | | | | | |
| **Blank (B6C2019-BLK2), Continued** | | | | Prepared: 2026-03-04, Analyzed: 2026-03-05 | | | | | | |
| Boron | < 0.20 | 0.20 | mg/kg wet | | | | | | | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | | | | | | | |
| Calcium | 3.6 | 2.0 | mg/kg wet | | | | | | | BLK |
| Chromium | 0.018 | 0.010 | mg/kg wet | | | | | | | BLK |
| Cobalt | < 0.0040 | 0.0040 | mg/kg wet | | | | | | | |
| Copper | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Iron | < 1.0 | 1.0 | mg/kg wet | | | | | | | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | | | | | | | |
| Magnesium | < 2.0 | 2.0 | mg/kg wet | | | | | | | |
| Manganese | < 0.020 | 0.020 | mg/kg wet | | | | | | | |
| Mercury | < 0.0020 | 0.0020 | mg/kg wet | | | | | | | |
| Molybdenum | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Phosphorus | < 5.0 | 5.0 | mg/kg wet | | | | | | | |
| Potassium | < 10 | 10 | mg/kg wet | | | | | | | |
| Selenium | < 0.020 | 0.020 | mg/kg wet | | | | | | | |
| Silver | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Sodium | < 2.0 | 2.0 | mg/kg wet | | | | | | | |
| Strontium | < 0.010 | 0.010 | mg/kg wet | | | | | | | |
| Thallium | < 0.0010 | 0.0010 | mg/kg wet | | | | | | | |
| Tin | < 0.020 | 0.020 | mg/kg wet | | | | | | | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | | | | | | | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | | | | | | | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | | | | | | | |
| Zinc | 0.21 | 0.10 | mg/kg wet | | | | | | | BLK |
| **LCS (B6C2019-BS1)** | | | | Prepared: 2026-03-04, Analyzed: 2026-03-05 | | | | | | |
| Aluminum | 48.6 | 0.40 | mg/kg wet | 40.0 | | 122 | 80-120 | | | MES |
| Antimony | 0.374 | 0.0020 | mg/kg wet | 0.400 | | 93 | 80-120 | | | |
| Arsenic | 4.22 | 0.0050 | mg/kg wet | 4.00 | | 106 | 80-120 | | | |
| Barium | 0.432 | 0.010 | mg/kg wet | 0.400 | | 108 | 80-120 | | | |
| Beryllium | 0.444 | 0.0020 | mg/kg wet | 0.400 | | 111 | 80-120 | | | |
| Bismuth | 0.432 | 0.020 | mg/kg wet | 0.400 | | 108 | 80-120 | | | |
| Boron | 4.27 | 0.20 | mg/kg wet | 4.00 | | 107 | 80-120 | | | |
| Cadmium | 0.414 | 0.0020 | mg/kg wet | 0.400 | | 104 | 80-120 | | | |
| Calcium | 49.1 | 2.0 | mg/kg wet | 40.0 | | 123 | 80-120 | | | MES |
| Chromium | 0.433 | 0.010 | mg/kg wet | 0.400 | | 108 | 80-120 | | | |
| Cobalt | 0.435 | 0.0040 | mg/kg wet | 0.400 | | 109 | 80-120 | | | |
| Copper | 0.438 | 0.010 | mg/kg wet | 0.400 | | 110 | 80-120 | | | |
| Iron | 44.3 | 1.0 | mg/kg wet | 40.0 | | 111 | 80-120 | | | |
| Lead | 0.437 | 0.0040 | mg/kg wet | 0.400 | | 109 | 80-120 | | | |
| Magnesium | 45.5 | 2.0 | mg/kg wet | 40.0 | | 114 | 80-120 | | | |
| Manganese | 0.442 | 0.020 | mg/kg wet | 0.400 | | 110 | 80-120 | | | |
| Mercury | 0.0394 | 0.0020 | mg/kg wet | 0.0400 | | 98 | 80-120 | | | |
| Molybdenum | 0.392 | 0.010 | mg/kg wet | 0.400 | | 98 | 80-120 | | | |
| Nickel | 0.439 | 0.010 | mg/kg wet | 0.400 | | 110 | 80-120 | | | |
| Phosphorus | 46.0 | 5.0 | mg/kg wet | 40.0 | | 115 | 80-120 | | | |
| Potassium | 45 | 10 | mg/kg wet | 40.0 | | 112 | 80-120 | | | |
| Selenium | 4.24 | 0.020 | mg/kg wet | 4.00 | | 106 | 80-120 | | | |
| Silver | 0.405 | 0.010 | mg/kg wet | 0.400 | | 101 | 80-120 | | | |
| Sodium | 45.5 | 2.0 | mg/kg wet | 40.0 | | 114 | 80-120 | | | |
| Strontium | 0.425 | 0.010 | mg/kg wet | 0.400 | | 106 | 80-120 | | | |
| Thallium | 0.439 | 0.0010 | mg/kg wet | 0.400 | | 110 | 80-120 | | | |
| Tin | 0.409 | 0.020 | mg/kg wet | 0.400 | | 102 | 80-120 | | | |
| Titanium | 0.499 | 0.050 | mg/kg wet | 0.400 | | 125 | 80-120 | | | MES |
| Uranium | 0.426 | 0.0010 | mg/kg wet | 0.400 | | 107 | 80-120 | | | |

# APPENDIX 2: QUALITY CONTROL RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Spike Level | Source Result | % REC | REC Limit | % RPD | RPD Limit | Qualifier |
|---|---|---|---|---|---|---|---|---|---|---|
| ***Metals in Tissue, Batch B6C2019, Continued*** | | | | | | | | | | |
| **LCS (B6C2019-BS1), Continued** | | | | Prepared: 2026-03-04, Analyzed: 2026-03-05 | | | | | | |
| Vanadium | 0.427 | 0.020 | mg/kg wet | 0.400 | | 107 | 80-120 | | | |
| Zinc | 4.39 | 0.10 | mg/kg wet | 4.00 | | 110 | 80-120 | | | |
| **LCS (B6C2019-BS2)** | | | | Prepared: 2026-03-04, Analyzed: 2026-03-05 | | | | | | |
| Aluminum | 46.0 | 0.40 | mg/kg wet | 40.0 | | 115 | 80-120 | | | |
| Antimony | 0.375 | 0.0020 | mg/kg wet | 0.400 | | 94 | 80-120 | | | |
| Arsenic | 4.05 | 0.0050 | mg/kg wet | 4.00 | | 101 | 80-120 | | | |
| Barium | 0.415 | 0.010 | mg/kg wet | 0.400 | | 104 | 80-120 | | | |
| Beryllium | 0.445 | 0.0020 | mg/kg wet | 0.400 | | 111 | 80-120 | | | |
| Bismuth | 0.410 | 0.020 | mg/kg wet | 0.400 | | 103 | 80-120 | | | |
| Boron | 4.41 | 0.20 | mg/kg wet | 4.00 | | 110 | 80-120 | | | |
| Cadmium | 0.396 | 0.0020 | mg/kg wet | 0.400 | | 99 | 80-120 | | | |
| Calcium | 45.6 | 2.0 | mg/kg wet | 40.0 | | 114 | 80-120 | | | |
| Chromium | 0.414 | 0.010 | mg/kg wet | 0.400 | | 104 | 80-120 | | | |
| Cobalt | 0.413 | 0.0040 | mg/kg wet | 0.400 | | 103 | 80-120 | | | |
| Copper | 0.416 | 0.010 | mg/kg wet | 0.400 | | 104 | 80-120 | | | |
| Iron | 42.2 | 1.0 | mg/kg wet | 40.0 | | 105 | 80-120 | | | |
| Lead | 0.415 | 0.0040 | mg/kg wet | 0.400 | | 104 | 80-120 | | | |
| Magnesium | 43.9 | 2.0 | mg/kg wet | 40.0 | | 110 | 80-120 | | | |
| Manganese | 0.422 | 0.020 | mg/kg wet | 0.400 | | 105 | 80-120 | | | |
| Mercury | 0.0382 | 0.0020 | mg/kg wet | 0.0400 | | 95 | 80-120 | | | |
| Molybdenum | 0.395 | 0.010 | mg/kg wet | 0.400 | | 99 | 80-120 | | | |
| Nickel | 0.414 | 0.010 | mg/kg wet | 0.400 | | 103 | 80-120 | | | |
| Phosphorus | 44.0 | 5.0 | mg/kg wet | 40.0 | | 110 | 80-120 | | | |
| Potassium | 43 | 10 | mg/kg wet | 40.0 | | 107 | 80-120 | | | |
| Selenium | 4.00 | 0.020 | mg/kg wet | 4.00 | | 100 | 80-120 | | | |
| Silver | 0.388 | 0.010 | mg/kg wet | 0.400 | | 97 | 80-120 | | | |
| Sodium | 43.5 | 2.0 | mg/kg wet | 40.0 | | 109 | 80-120 | | | |
| Strontium | 0.404 | 0.010 | mg/kg wet | 0.400 | | 101 | 80-120 | | | |
| Thallium | 0.418 | 0.0010 | mg/kg wet | 0.400 | | 104 | 80-120 | | | |
| Tin | 0.404 | 0.020 | mg/kg wet | 0.400 | | 101 | 80-120 | | | |
| Titanium | 0.469 | 0.050 | mg/kg wet | 0.400 | | 117 | 80-120 | | | |
| Uranium | 0.412 | 0.0010 | mg/kg wet | 0.400 | | 103 | 80-120 | | | |
| Vanadium | 0.412 | 0.020 | mg/kg wet | 0.400 | | 103 | 80-120 | | | |
| Zinc | 4.09 | 0.10 | mg/kg wet | 4.00 | | 102 | 80-120 | | | |
| **Duplicate (B6C2019-DUP1)** | | **Source: 26B2348-23** | | Prepared: 2026-03-04, Analyzed: 2026-03-05 | | | | | | |
| Aluminum | < 0.40 | 0.40 | mg/kg wet | | < 0.40 | | | | 40 | |
| Antimony | < 0.0020 | 0.0020 | mg/kg wet | | < 0.0020 | | | | 40 | |
| Arsenic | 0.0134 | 0.0050 | mg/kg wet | | 0.0162 | | | | 40 | |
| Barium | < 0.010 | 0.010 | mg/kg wet | | < 0.010 | | | | 40 | |
| Beryllium | < 0.0020 | 0.0020 | mg/kg wet | | < 0.0020 | | | | 40 | |
| Bismuth | < 0.020 | 0.020 | mg/kg wet | | < 0.020 | | | | 40 | |
| Boron | < 0.20 | 0.20 | mg/kg wet | | < 0.20 | | | | 40 | |
| Cadmium | < 0.0020 | 0.0020 | mg/kg wet | | < 0.0020 | | | | 40 | |
| Calcium | 48.2 | 2.0 | mg/kg wet | | 173 | | | 113 | 60 | |
| Chromium | < 0.025 | 0.010 | mg/kg wet | | < 0.040 | | | | 40 | |
| Cobalt | 0.0051 | 0.0040 | mg/kg wet | | 0.0063 | | | | 40 | |
| Copper | 0.722 | 0.010 | mg/kg wet | | 0.839 | | | 15 | 40 | |
| Iron | 11.1 | 1.0 | mg/kg wet | | 12.4 | | | 11 | 40 | |
| Lead | < 0.0040 | 0.0040 | mg/kg wet | | < 0.0040 | | | | 40 | |
| Magnesium | 194 | 2.0 | mg/kg wet | | 269 | | | 32 | 40 | |
| Manganese | 0.080 | 0.020 | mg/kg wet | | 0.110 | | | 32 | 40 | |
| Mercury | 0.107 | 0.0020 | mg/kg wet | | 0.192 | | | 57 | 40 | |
| Molybdenum | < 0.010 | 0.010 | mg/kg wet | | < 0.010 | | | | 40 | |
| Nickel | < 0.010 | 0.010 | mg/kg wet | | < 0.010 | | | | 40 | |
| Phosphorus | 1930 | 5.0 | mg/kg wet | | 2620 | | | 31 | 40 | |

# APPENDIX 2: QUALITY CONTROL RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Spike Level | Source Result | % REC | REC Limit | % RPD | RPD Limit | Qualifier |
|---|---|---|---|---|---|---|---|---|---|---|
| ***Metals in Tissue, Batch B6C2019, Continued*** | | | | | | | | | | |
| **Duplicate (B6C2019-DUP1), Continued** | | **Source: 26B2348-23** | | Prepared: 2026-03-04, Analyzed: 2026-03-05 | | | | | | |
| Potassium | 3060 | 10 | mg/kg wet | | 4210 | | | 32 | 40 | |
| Selenium | 0.208 | 0.020 | mg/kg wet | | 0.292 | | | 34 | 40 | |
| Silver | < 0.010 | 0.010 | mg/kg wet | | < 0.010 | | | | 40 | |
| Sodium | 333 | 2.0 | mg/kg wet | | 458 | | | 31 | 40 | |
| Strontium | 0.128 | 0.010 | mg/kg wet | | 0.521 | | | 121 | 60 | |
| Thallium | 0.0011 | 0.0010 | mg/kg wet | | 0.0019 | | | | 40 | |
| Tin | < 0.020 | 0.020 | mg/kg wet | | < 0.020 | | | | 40 | |
| Titanium | < 0.050 | 0.050 | mg/kg wet | | < 0.100 | | | | 40 | |
| Uranium | < 0.0010 | 0.0010 | mg/kg wet | | < 0.0010 | | | | 40 | |
| Vanadium | < 0.020 | 0.020 | mg/kg wet | | < 0.020 | | | | 40 | |
| Zinc | 3.13 | 0.10 | mg/kg wet | | 4.29 | | | 31 | 40 | |
| **Reference (B6C2019-SRM1)** | | | | Prepared: 2026-03-04, Analyzed: 2026-03-05 | | | | | | |
| Aluminum | 248 | 3.94 | mg/kg wet | 213 | | 116 | 70-130 | | | |
| Barium | 55.5 | 0.098 | mg/kg wet | 57.0 | | 97 | 70-130 | | | |
| Boron | 30.4 | 1.97 | mg/kg wet | 31.9 | | 95 | 70-130 | | | |
| Cadmium | 1.43 | 0.0197 | mg/kg wet | 1.44 | | 100 | 70-130 | | | |
| Calcium | 49800 | 19.7 | mg/kg wet | 49200 | | 101 | 70-130 | | | |
| Chromium | 1.12 | 0.098 | mg/kg wet | 1.07 | | 105 | 70-130 | | | |
| Cobalt | 0.514 | 0.0394 | mg/kg wet | 0.526 | | 98 | 70-130 | | | |
| Copper | 4.30 | 0.098 | mg/kg wet | 4.49 | | 96 | 70-130 | | | |
| Iron | 316 | 9.8 | mg/kg wet | 317 | | 100 | 70-130 | | | |
| Lead | 0.547 | 0.0394 | mg/kg wet | 0.570 | | 96 | 70-130 | | | |
| Magnesium | 11200 | 19.7 | mg/kg wet | 10500 | | 107 | 70-130 | | | |
| Manganese | 235 | 0.197 | mg/kg wet | 238 | | 99 | 70-130 | | | |
| Mercury | 0.0393 | 0.0197 | mg/kg wet | 0.0287 | | 137 | 70-130 | | | MES |
| Molybdenum | 0.393 | 0.098 | mg/kg wet | 0.396 | | 99 | 70-130 | | | |
| Nickel | 1.27 | 0.098 | mg/kg wet | 1.26 | | 101 | 70-130 | | | |
| Phosphorus | 2150 | 49.2 | mg/kg wet | 2220 | | 97 | 70-130 | | | |
| Potassium | 28500 | 98 | mg/kg wet | 25700 | | 111 | 70-130 | | | |
| Sodium | 112 | 19.7 | mg/kg wet | 118 | | 95 | 70-130 | | | |
| Strontium | 77.6 | 0.098 | mg/kg wet | 80.6 | | 96 | 70-130 | | | |
| Vanadium | 0.393 | 0.197 | mg/kg wet | 0.352 | | 112 | 70-130 | | | |
| Zinc | 28.9 | 0.98 | mg/kg wet | 29.0 | | 100 | 70-130 | | | |
| **Reference (B6C2019-SRM2)** | | | | Prepared: 2026-03-04, Analyzed: 2026-03-05 | | | | | | |
| Aluminum | 245 | 3.80 | mg/kg wet | 213 | | 115 | 70-130 | | | |
| Barium | 55.6 | 0.095 | mg/kg wet | 57.0 | | 98 | 70-130 | | | |
| Boron | 31.6 | 1.90 | mg/kg wet | 31.9 | | 99 | 70-130 | | | |
| Cadmium | 1.40 | 0.0190 | mg/kg wet | 1.44 | | 97 | 70-130 | | | |
| Calcium | 48800 | 19.0 | mg/kg wet | 49200 | | 99 | 70-130 | | | |
| Chromium | 1.12 | 0.095 | mg/kg wet | 1.07 | | 104 | 70-130 | | | |
| Cobalt | 0.517 | 0.0380 | mg/kg wet | 0.526 | | 98 | 70-130 | | | |
| Copper | 4.32 | 0.095 | mg/kg wet | 4.49 | | 96 | 70-130 | | | |
| Iron | 311 | 9.5 | mg/kg wet | 317 | | 98 | 70-130 | | | |
| Lead | 0.553 | 0.0380 | mg/kg wet | 0.570 | | 97 | 70-130 | | | |
| Magnesium | 11300 | 19.0 | mg/kg wet | 10500 | | 108 | 70-130 | | | |
| Manganese | 234 | 0.190 | mg/kg wet | 238 | | 98 | 70-130 | | | |
| Mercury | 0.0386 | 0.0190 | mg/kg wet | 0.0287 | | 134 | 70-130 | | | MES |
| Molybdenum | 0.369 | 0.095 | mg/kg wet | 0.396 | | 93 | 70-130 | | | |
| Nickel | 1.24 | 0.095 | mg/kg wet | 1.26 | | 99 | 70-130 | | | |
| Phosphorus | 2140 | 47.4 | mg/kg wet | 2220 | | 97 | 70-130 | | | |
| Potassium | 28300 | 95 | mg/kg wet | 25700 | | 110 | 70-130 | | | |
| Sodium | 112 | 19.0 | mg/kg wet | 118 | | 95 | 70-130 | | | |
| Strontium | 77.2 | 0.095 | mg/kg wet | 80.6 | | 96 | 70-130 | | | |
| Vanadium | 0.371 | 0.190 | mg/kg wet | 0.352 | | 105 | 70-130 | | | |
| Zinc | 28.5 | 0.95 | mg/kg wet | 29.0 | | 98 | 70-130 | | | |

# APPENDIX 2: QUALITY CONTROL RESULTS

| | | | |
|---|---|---|---|
| **REPORTED TO** | EDI Environmental Dynamics Inc. (Whitehorse) | **WORK ORDER** | 26B2348 |
| **PROJECT** | 25Y0474 | **REPORTED** | 2026-03-11 14:26 |

| Analyte | Result | RL | Units | Spike Level | Source Result | % REC | REC Limit | % RPD | RPD Limit | Qualifier |
|---|---|---|---|---|---|---|---|---|---|---|

***Metals in Tissue, Batch B6C2019, Continued***

**QC Qualifiers:**

| | |
|---|---|
| BLK | Analyte concentration in the Method Blank is above the Reporting Limit (RL). |
| MES | A number up to 10% (rounded down) of the analytes in a Multi-Element Scan may exceed control limits by up to 10% (absolute). |

☑ 110 - 4011 VIKING WAY, RICHMOND, BC V6V 2K9
TEL: (604) 279-1499 FAX: (604) 279-1599

☐ 102 - 3677 HIGHWAY 97N, KELOWNA, BC V1X 5C3
TEL: (250) 765-9646 FAX: (250) 765-3893

☐ 17225 - 109 AVENUE NW, EDMONTON, AB T5S 1H7 TEL:
(780) 489-9100 FAX: (480) 489-9700


* 2 6 B 2 3 4 8 *

# CHAIN-OF-CUSTODY RECORD

COC#



| RELINQUISHED BY: | DATE: 2/18/2026 | RECEIVED BY: | DATE: 19/02 |
|---|---|---|---|
| M. Kelly | TIME: 11:45 | BIA NOEX | TIME: 11:42 |
| RELINQUISHED BY: | DATE: | RECEIVED BY: | DATE: |
| | TIME: | | TIME: |

**REPORT TO:**

COMPANY: EDI Environmental Dynamics Inc.
ADDRESS: 2195 2nd Ave, Whitehorse YT Y1A 3T8
CONTACT: Petra Szekeres
TEL / FAX: (867) 393-4882
EMAIL PDF ☑ EDD ☑ ESDAT ☑ EQUIS ☐
EMAIL 1: pszekeres@edynamics.com
EMAIL 2: data-wrf@edynamics.com
REPORT COC: ☑ HOLD FOR P/U ☐ FAX ☐

**INVOICE TO:** SAME AS REPORT TO ☐

COMPANY: EDI Environmental Dynamics Inc.
ADDRESS: 2195 2nd Ave, Whitehorse YT Y1A 3T8
CONTACT: Shannon Jenner
TEL / FAX: (867) 393-4882
EMAIL PDF ☑
EMAIL 1: sjenner@edynamics.com
EMAIL 2: ldoetzel@edynamics.com
QUOTE ID (BID): EDI Master Bid

PROJECT: 25Y0474
PROJECT INFO: LSCFN Frenchman and Braeburn Lake
PO #:
SAMPLED BY: A. Bronson / P. Szkeres
SHIPPING INSTRUCTIONS: RETURN COOLER(S)
SHIP SUPPLIES (PLEASE SPECIFY IN OTHER INSTRUCTIONS SECTION)

**TURNAROUND** Routine (5-7 days) ☑ Other:
**TIME REQUESTED:** Rush:* 1 Day ☐ 2 Day ☐ 3 Day ☐ * Contact the lab to confirm, surcharges may apply

Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below

| | CLIENT SAMPLE ID: | Site ID (optional) | MATRIX: Tissue | MATRIX: | # CONTAINERS | SAMPLING: DATE DD-MM-YY | SAMPLING: TIME HH:MM | COMMENTS: SITE DESCRIPTION | Metals in Tissue Pkg F/P | Moisture F/P | HOLD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 001F Muscle | | ☑ | ☐ | 1 | 11/7/2025 | | | ☑ F | ☑ F | ☐ |
| 2 | 001F Liver | | ☑ | ☐ | 1 | 11/7/2025 | | | ☑ F | ☑ F | ☐ |
| 3 | 001F Eggs | | ☑ | ☐ | 1 | 11/7/2025 | | | ☑ F | ☑ F | ☐ |
| 4 | 002F Liver | | ☑ | ☐ | 1 | 11/7/2025 | | | ☑ F | ☑ F | ☐ |
| 5 | 002F Muscle | | ☑ | ☐ | 1 | 11/7/2025 | | | ☑ F | ☑ F | ☐ |
| 6 | 002F Eggs | | ☑ | ☐ | 1 | 11/7/2025 | | | ☑ F | ☑ F | ☐ |
| 7 | 003F Muscle | | ☑ | ☐ | 1 | 11/7/2025 | | | ☑ F | ☑ F | ☐ |
| 8 | 003F Eggs | | ☑ | ☐ | 1 | 11/7/2025 | | | ☑ F | ☑ F | ☐ |
| 9 | 003F Liver | | ☑ | ☐ | 1 | 11/7/2025 | | | ☑ F | ☑ F | ☐ |
| 10 | 004F Liver | | ☑ | ☐ | 1 | 11/7/2025 | | | ☑ F | ☑ F | ☐ |
| 11 | 004F Eggs | | ☑ | ☐ | 1 | 11/7/2025 | | | ☑ F | ☑ F | ☐ |
| 12 | 004F Muscle | | ☑ | ☐ | 1 | 11/7/2025 | | | ☑ F | ☑ F | ☐ |

**APPLICABLE REGULATORY LIMITS:**
Canadian Drinking Water Quality Guidelines ☐
BC Drinking Water Protection Act/Reg. ☐
BC CSR: AL ☐ RL ☐ CL ☐ IL ☐ AW ☐
CCME ☐ Alberta Tier 1 ☐
OTHER: BCWQG

**SAMPLE RETENTION INSTRUCTIONS (Discarded 30 days after Report unless otherwise specified):**
60 Days ☐ 90 Days ☐ Longer Date (Surcharges will apply):

**OTHER INSTRUCTIONS:**

PAYMENT
Cheque ☐
Credit ☑
Debit ☐
Cash ☐
Invoice ☐

SAMPLE RECEIPT TEMP (°C): 6.5
Work Order #
CUSTODY SEALS INTACT: ☐Y ☐N ☐NA

**SHADED AREAS:** LAB USE ONLY

CARO ANALYTICAL SERVICES

110 - 4011 VIKING WAY, RICHMOND, BC V6V 2K9 TEL: (604) 279-1499 FAX: (604) 279-1599

102 - 3677 HIGHWAY 97N, KELOWNA, BC V1X 5C3 TEL: (250) 765-9646 FAX: (250) 765-3893

17225 - 109 AVENUE NW, EDMONTON, AB T5S 1H7 TEL: (780) 489-9100 FAX: (480) 489-9700

# CHAIN-OF-CUSTODY RECORD

COC#



| RELINQUISHED BY: | DATE: 2/18/2026 | RECEIVED BY: | DATE: |
|---|---|---|---|
| M. Kelly | TIME: 11:45 | | TIME: |
| RELINQUISHED BY: | DATE: | RECEIVED BY: | DATE: |
| | TIME: | | TIME: |

| REPORT TO: | | INVOICE TO: | SAME AS REPORT TO |
|---|---|---|---|
| COMPANY: | EDI Environmental Dynamics Inc. | COMPANY: | EDI Environmental Dynamics Inc. |
| ADDRESS: | 2195 2nd Ave, Whitehorse YT Y1A 3T8 | ADDRESS: | 2195 2nd Ave, Whitehorse YT Y1A 3T8 |
| CONTACT: | Petra Szekeres | CONTACT: | Shannon Jenner |
| TEL / FAX: | (867) 393-4882 | TEL / FAX: | (867) 393-4882 |
| EMAIL PDF | ☑ EDD ☑ ESDAT ☑ EQUIS ☐ | EMAIL PDF | |
| EMAIL 1: | pszekeres@edynamics.com | EMAIL 1: | sjenner@edynamics.com |
| EMAIL 2: | data-wrf@edynamics.com | EMAIL 2: | ldoetzel@edynamics.com |
| REPORT COC: | HOLD FOR P/U FAX | QUOTE ID (BID): | EDI Master Bid |

| PROJECT: | PROJECT INFO: | PO #: |
|---|---|---|
| 25Y0474 | LSCFN Frenchman and Braeburn Lake | |
| SAMPLED BY: | SHIPPING INSTRUCTIONS: | RETURN COOLER(S) |
| A. Bronson / P. Szkeres | SHIP SUPPLIES (PLEASE SPECIFY IN OTHER INSTRUCTIONS SECTION) | |

**TURNAROUND** Routine (5-7 days) Other: _____

**TIME REQUESTED:** Rush:* 1 Day 2 Day 3 Day * Contact the lab to confirm, surcharges may apply

Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below

| | CLIENT SAMPLE ID: | Site ID (optional) | MATRIX: Tissue | MATRIX: | # CONTAINERS | SAMPLING: DATE DD-MM-YY | SAMPLING: TIME HH:MM | COMMENTS: SITE DESCRIPTION | Metals in Tissue Pkg (F/P) | Moisture (F/P) | HOLD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 | 005F Liver | | x | | 1 | 11/7/2025 | | | x | x | |
| 14 | 005F Eggs | | x | | 1 | 11/7/2025 | | | x | x | |
| 15 | 005F Muscle | | x | | 1 | 11/7/2025 | | | x | x | |
| 16 | 006F Liver | | x | | 1 | 11/7/2025 | | | x | x | |
| 17 | 006F Gonad | | x | | 1 | 11/7/2025 | | | x | x | |
| 18 | 006F Muscle | | x | | 1 | 11/7/2025 | | | x | x | |
| 19 | 001B Liver | | x | | 1 | 10/11/2025 | | | x | x | |
| 20 | 001B Muscle | | x | | 1 | 10/11/2025 | | | x | x | |
| 21 | 001B Liver | | x | | 1 | 10/11/2025 | | | x | x | |
| 22 | 002B Liver | | x | | 1 | 10/11/2025 | | | x | x | |
| 23 | 002B Muscle | | x | | 1 | 10/11/2025 | | | x | x | |
| 24 | 003B Liver | | x | | 1 | 10/11/2025 | | | x | x | |

**APPLICABLE REGULATORY LIMITS:**

Canadian Drinking Water Quality Guidelines
BC Drinking Water Protection Act/Reg.
BC CSR: AL RL CL IL AW
CCME Alberta Tier 1
OTHER: BCWQG

**SAMPLE RETENTION INSTRUCTIONS (Discarded 30 days after Report unless otherwise specified):**

60 Days 90 Days Longer Date (Surcharges will apply):

**OTHER INSTRUCTIONS:**

PAYMENT
Cheque
Credit
Debit
Cash
Invoice

SAMPLE RECEIPT TEMP (°C): _____

Work Order # _____

CUSTODY SEALS INTACT: ☐Y ☐N ☐NA

**SHADED AREAS:** LAB USE ONLY

CARO ANALYTICAL SERVICES

☑ 110 - 4011 VIKING WAY, RICHMOND, BC V6V 2K9 TEL: (604) 279-1499 FAX: (604) 279-1599

☐ 102 - 3677 HIGHWAY 97N, KELOWNA, BC V1X 5C3 TEL: (250) 765-9646 FAX: (250) 765-3893

☐ 17225 - 109 AVENUE NW, EDMONTON, AB T5S 1H7 TEL: (780) 489-9100 FAX: (480) 489-9700

# CHAIN-OF-CUSTODY RECORD

COC#



| RELINQUISHED BY: | DATE: 2/18/2026 | RECEIVED BY: | DATE: |
|---|---|---|---|
| M. Kelly | TIME: 11:45 | | TIME: |
| RELINQUISHED BY: | DATE: | RECEIVED BY: | DATE: |
| | TIME: | | TIME: |

**REPORT TO:**

COMPANY: EDI Environmental Dynamics Inc.
ADDRESS: 2195 2nd Ave, Whitehorse YT Y1A 3T8
CONTACT: Petra Szekeres
TEL / FAX: (867) 393-4882
EMAIL PDF ☑ EDD ☑ ESDAT ☑ EQUIS ☐
EMAIL 1: pszekeres@edynamics.com
EMAIL 2: data-wrf@edynamics.com
REPORT COC: ☑ HOLD FOR P/U ☐ FAX ☐

**INVOICE TO:** SAME AS REPORT TO ☐

COMPANY: EDI Environmental Dynamics Inc.
ADDRESS: 2195 2nd Ave, Whitehorse YT Y1A 3T8
CONTACT: Shannon Jenner
TEL / FAX: (867) 393-4882
EMAIL PDF ☑
EMAIL 1: sjenner@edynamics.com
EMAIL 2: ldoetzel@edynamics.com
QUOTE ID (BID): EDI Master Bid

PROJECT: 25Y0474
PROJECT INFO: LSCFN Frenchman and Braeburn Lake
PO #:
SAMPLED BY: A. Bronson / P. Szkeres
SHIPPING INSTRUCTIONS: RETURN COOLER(S)
SHIP SUPPLIES (PLEASE SPECIFY IN OTHER INSTRUCTIONS SECTION)

**TURNAROUND** Routine (5-7 days) ☑ Other:
**TIME REQUESTED:** Rush:* 1 Day ☐ 2 Day ☐ 3 Day ☐ * Contact the lab to confirm, surcharges may apply

Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below

| | CLIENT SAMPLE ID: | Site ID (optional) | MATRIX: Tissue | MATRIX: | # CONTAINERS | SAMPLING: DATE DD-MM-YY | SAMPLING: TIME HH:MM | COMMENTS: SITE DESCRIPTION | Metals in Tissue Pkg F/P | Moisture F/P | HOLD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | 003B Muscle | | ☑ | ☐ | 1 | 10/11/2025 | | | ☑ | ☑ | ☐ |
| 26 | 004B Muscle | | ☑ | ☐ | 1 | 10/11/2025 | | | ☑ | ☑ | ☐ |
| 27 | 004B Liver | | ☑ | ☐ | 1 | 10/11/2025 | | | ☑ | ☑ | ☐ |
| 28 | 005B Muscle | | ☑ | ☐ | 1 | 10/11/2025 | | | ☑ | ☑ | ☐ |
| 29 | 005B Liver | | ☑ | ☐ | 1 | 10/11/2025 | | | ☑ | ☑ | ☐ |
| 30 | 006B Liver | | ☑ | ☐ | 1 | 10/11/2025 | | | ☑ | ☑ | ☐ |
| 31 | 007B Muscle | | ☑ | ☐ | 1 | 10/11/2025 | | | ☑ | ☑ | ☐ |
| 32 | 007B Liver | | ☑ | ☐ | 1 | 10/11/2025 | | | ☑ | ☑ | ☐ |
| 33 | 008B Muscle | | ☑ | ☐ | 1 | 10/11/2025 | | | ☑ | ☑ | ☐ |
| 34 | 008B Liver | | ☑ | ☐ | 1 | 10/11/2025 | | | ☑ | ☑ | ☐ |
| 35 | 009B Liver | | ☑ | ☐ | 1 | 10/11/2025 | | | ☑ | ☑ | ☐ |
| 36 | 009B Muscle | | ☑ | ☐ | 1 | 10/11/2025 | | | ☑ | ☑ | ☐ |

**APPLICABLE REGULATORY LIMITS:**
Canadian Drinking Water Quality Guidelines ☐
BC Drinking Water Protection Act/Reg. ☐
BC CSR: AL ☐ RL ☐ CL ☐ IL ☐ AW ☐
CCME ☐ Alberta Tier 1 ☐
OTHER: BCWQG

**SAMPLE RETENTION INSTRUCTIONS (Discarded 30 days after Report unless otherwise specified):**
60 Days ☐ 90 Days ☐ Longer Date (Surcharges will apply):

**OTHER INSTRUCTIONS:**

PAYMENT
Cheque ☐
Credit ☑
Debit ☐
Cash ☐
Invoice ☐

SAMPLE RECEIPT TEMP (°C): _____
Work Order # _____
CUSTODY SEALS INTACT: □Y □N □NA

**SHADED AREAS:** LAB USE ONLY

CARO ANALYTICAL SERVICES

☑ 110 - 4011 VIKING WAY, RICHMOND, BC V6V 2K9
TEL: (604) 279-1499 FAX: (604) 279-1599

☐ 102 - 3677 HIGHWAY 97N, KELOWNA, BC V1X 5C3
TEL: (250) 765-9646 FAX: (250) 765-3893

☐ 17225 - 109 AVENUE NW, EDMONTON, AB T5S 1H7 TEL: (780) 489-9100 FAX: (480) 489-9700

# CHAIN-OF-CUSTODY RECORD

COC#



| RELINQUISHED BY: | DATE: 2/18/2026 | RECEIVED BY: | DATE: |
|---|---|---|---|
| M. Kelly | TIME: 11:45 | | TIME: |
| RELINQUISHED BY: | DATE: | RECEIVED BY: | DATE: |
| | TIME: | | TIME: |

**REPORT TO:**

COMPANY: EDI Environmental Dynamics Inc.
ADDRESS: 2195 2nd Ave, Whitehorse YT Y1A 3T8
CONTACT: Petra Szekeres
TEL / FAX: (867) 393-4882
EMAIL PDF ☑ EDD ☑ ESDAT ☑ EQUIS ☐
EMAIL 1: pszekeres@edynamics.com
EMAIL 2: data-wrf@edynamics.com
REPORT COC: ☑ HOLD FOR P/U ☐ FAX ☐

**INVOICE TO:** SAME AS REPORT TO ☐

COMPANY: EDI Environmental Dynamics Inc.
ADDRESS: 2195 2nd Ave, Whitehorse YT Y1A 3T8
CONTACT: Shannon Jenner
TEL / FAX: (867) 393-4882
EMAIL PDF ☑
EMAIL 1: sjenner@edynamics.com
EMAIL 2: ldoetzel@edynamics.com
QUOTE ID (BID): EDI Master Bid

PROJECT: 25Y0474
PROJECT INFO: LSCFN Frenchman and Braeburn Lake
PO #:
SAMPLED BY: A. Bronson / P. Szkeres
SHIPPING INSTRUCTIONS: RETURN COOLER(S)
SHIP SUPPLIES (PLEASE SPECIFY IN OTHER INSTRUCTIONS SECTION)

**TURNAROUND** Routine (5-7 days) ☑ Other:
**TIME REQUESTED:** Rush:* 1 Day ☐ 2 Day ☐ 3 Day ☐ * Contact the lab to confirm, surcharges may apply

Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below

| | CLIENT SAMPLE ID: | Site ID (optional) | MATRIX: Tissue | MATRIX: | # CONTAINERS | SAMPLING: DATE DD-MM-YY | SAMPLING: TIME HH:MM | COMMENTS: SITE DESCRIPTION | Metals in Tissue Pkg F/P | Moisture F/P | HOLD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 37 | 010B Liver | | ☑ | ☐ | 1 | 10/11/2025 | | | ☑ | ☑ | ☐ |
| 38 | 010B Muscle | | ☑ | ☐ | 1 | 10/11/2025 | | | ☑ | ☑ | ☐ |
| 39 | 019B Liver | | ☑ | ☐ | 1 | 10/11/2025 | | | ☑ | ☑ | ☐ |
| 40 | 019B Muscle | | ☑ | ☐ | 1 | 10/11/2025 | | | ☑ | ☑ | ☐ |
| 41 | 020B Liver | | ☑ | ☐ | 1 | 10/11/2025 | | | ☑ | ☑ | ☐ |
| 42 | 020B Muscle | | ☑ | ☐ | 1 | 10/11/2025 | | | ☑ | ☑ | ☐ |
| | | | ☐ | ☐ | | | | | ☐ | ☐ | ☐ |
| | | | ☐ | ☐ | | | | | ☐ | ☐ | ☐ |
| | | | ☐ | ☐ | | | | | ☐ | ☐ | ☐ |
| | | | ☐ | ☐ | | | | | ☐ | ☐ | ☐ |
| | | | ☐ | ☐ | | | | | ☐ | ☐ | ☐ |
| | | | ☐ | ☐ | | | | | ☐ | ☐ | ☐ |

**APPLICABLE REGULATORY LIMITS:**
Canadian Drinking Water Quality Guidelines ☐
BC Drinking Water Protection Act/Reg. ☐
BC CSR: AL ☐ RL ☐ CL ☐ IL ☐ AW ☐
CCME ☐ Alberta Tier 1 ☐
OTHER: BCWQG

**SAMPLE RETENTION INSTRUCTIONS (Discarded 30 days after Report unless otherwise specified):**
60 Days ☐ 90 Days ☐ Longer Date (Surcharges will apply):

**OTHER INSTRUCTIONS:**

PAYMENT
Cheque ☐
Credit ☑
Debit ☐
Cash ☐
Invoice ☐

SAMPLE RECEIPT TEMP (°C): _____
Work Order # _____
CUSTODY SEALS INTACT: □Y □N □NA

**SHADED AREAS:** LAB USE ONLY