VEOLIA WASTE SERVICES ALBERTA INC.

2025 Fish Tissue Monitoring Program

Swan Hills Treatment Centre

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Executive Summary

The Swan Hills Treatment Centre (the facility), operated by Veolia Waste Services Alberta Inc. (Veolia), is one of two facilities in Canada capable of effectively destroying polychlorinated biphenyls (PCBs) using incineration. As part of its operating approval, Veolia carries out an annual environmental monitoring program that includes the collection and analysis of fish tissue from lakes near the facility as part of the Fish Tissue Monitoring Program (FTMP). Worley Canada Services Ltd., operating as Worley Consulting, was retained by Veolia to sample fish tissue in 2025. The FTMP is summarized below and presented in detail in the annual report.

Background Information

The annual monitoring program includes the collection and chemical analysis of brook trout tissue from Chrystina Lake and Edith Lake to assess potential fish tissue contamination and fish health. Due to its downwind proximity (1.5 kilometres) to the facility, Chrystina Lake is the main study lake, while Edith Lake is farther away, upwind, and acts as a local reference for the FTMP. Both lakes are open year-round to recreational fishing and are stocked each spring with brook trout as part of the Alberta Environment and Protected Areas (AEPA) annual stocking program. In 2025, brook trout were stocked into both lakes from the Sam Livingston Fish Hatchery in Calgary, Alberta. Stocked brook trout have been implanted with coded wire tags (CWTs) each year since 2012 to provide definitive ages. These are stainless-steel tags that are imprinted with codes specific to each stocking year and are implanted into the fish snouts before stocking. Tissue samples from both lakes were separated by age and analyzed for contaminants of concern (COC) including PCBs, dioxins, furans, and metals. Historically, PCBs drive toxicity levels in Chrystina Lake brook trout and are the main COC associated with the facility. There currently is an Alberta Health advisory recommending that consumption of brook trout captured from within 20 km of Swan Hills be kept to only two servings (75 grams/serving) per week.

2025 Program Objective

Brook trout were captured from Chrystina late September. To investigate the potential effects of the facility on fish in nearby waterbodies, chemical concentrations in brook trout from Chrystina Lake were compared with applicable guidelines, historical ranges, and concentrations in hatchery (control group) and Edith Lake brook trout (reference condition). Following recommendations from the 2024 FTMP, Edith Lake has transitioned into a biannual sampling pattern and was not sampled in 2025. Objectives of the 2025 monitoring program include:

- Evaluating brook trout size and condition to detect possible effects of chemical stressors near the facility.
- Comparing PCB concentrations among brook trout age classes in Chrystina Lake to investigate possible COC accumulation and health impacts.
- Identifying key recommendations to improve the effectiveness and reliability of the FTMP.

Tissue Residue Quality Criteria

The toxicity of dioxins, furans, and dioxin-like PCBs occurs through similar physiological processes therefore the toxicity of these compounds can be quantified by combining their respective toxic effects into a single toxic equivalency (TEQ). The TEQ approach uses the toxic equivalence factor (TEF) method, which is based on the concept of dose addition, where the toxicity of individual dioxin and dioxin-like compounds in a mixture is combined into the single TEQ metric that can be used to facilitate risk assessment and regulatory control. The TEQs calculated during the FTMP are based on the 2005 World Health Organization (WHO) TEFs for mammals that express the toxicity of each dioxin, furan, and dioxin-like PCB relative to the most toxic form of dioxin.

Guidelines and toxicological thresholds applicable to the FTMP are summarized in Table E-1. The Canadian Council of Ministers of the Environment (CCME) guidelines and tissue residue benchmarks (TRB) for dioxins, furans, and dioxin-like PCBs set tissue residue criteria based on TEQ and provide context for concentrations of organic contaminants in Chrystina Lake brook trout. The CCME guidelines provide stringent criteria to protect wildlife consumers of aquatic biota and are protective of the most sensitive wildlife consumers of fish (i.e., mink). The TRBs assist in evaluating the potential of PCBs to cause adverse effects on Chrystina Lake brook trout.

Total PCB concentrations in the edible tissue of brook trout collected during the FTMP are compared with the consumption advisory levels established for the Great Lakes region, while Canada's federal quality criterion for total PCBs remains under review until a provincial guideline is set. The advisory level for unrestricted consumers (0.05 µg/g) is the most stringent consumption limit and is protective of individuals who consume over 225 meals of wild-caught fish per year.

Toxicological thresholds have been developed for eleven metals from the Society of Environmental Toxicology and Chemistry (SETAC) toxicity database based on previously reported no observable effect concentrations (NOEC). The NOEC represents the highest concentration of a contaminant that will not cause an adverse effect. In addition, maximum levels for contaminant concentrations established by Health Canada under the *Food and Drug Regulations* are used to evaluate concentrations of arsenic, lead, and mercury in Chrystina Lake brook trout relative to limits imposed on retail foods.

Table E-1: Tissue Residue Quality Criteria for the FTMP

Guideline / Benchmark	Source	Applicable COC	Protection
Great Lakes Consumption Advisory Levels (2018)	Binational Strategy for Polychlorinated Biphenyl (PCB) Risk Management	Total PCBs	Protection of human fish consumers.
CCME (2001)	CCME - Tissue Residue Guidelines	PCBs Dioxins/Furans	Protection of wildlife consumers of aquatic biota.
TRB	TRB for Aquatic Biota derived for TCDD and Equivalents (Steevens et al. 2005)	PCBs Dioxins/Furans	Benchmarks derived for protection of: • 99% of fish species present. • 95% of fish species present. • 90% of fish species present.

Guideline / Benchmark	Source	Applicable COC	Protection
SETAC (1999)	Society of Toxicology and Chemistry - Linkage of effects to Tissue Residues Database	Aluminum, Antimony, Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel, Selenium, Zinc	NOEC for salmonid fish species.
Health Canada (2020)	List of Maximum Levels for Various Chemical Contaminants in Foods and List of Contaminants and Other Adulterating Substances in Foods	Arsenic, Lead, Mercury Dioxins	Maximum Levels (ML) for chemical contaminants in retail foods.
GOA 2018	Alberta Surface Water Quality Guidelines – Tissue Residue Guideline	Selenium	Fish protection from adverse effects.

Fish Characteristics

The mean fork length of fish captured within Chrystina Lake rose to 305mm which is closer to the averages seen in 2022 and 2023. Even though mean fork length rose, mean fish condition in Chrystina Lake dropped to 1.15, which is the lowest average seen since 2017. The Catch Per Unit Effort (CPUE) for brook trout for the gill net and black fyke net was 2.89 and 0.62 respectively. The white fyke did not capture any fish over 26 hours of deployment.

Samples analyzed as part of the 2025 FTMP are summarized in Table E-2. Individual brook trout were sorted by age class, and up to six fish from each age class were combined into composited samples

Table E-2: Composition of Samples Analyzed during the 2025 Monitoring Program

Age Class	Chrystina Lake (CHBKTR)	Hatchery (HATCH)
1^+	Composite (four fish)	Composite (ten fish)
$2A^+$	Composite (three fish)	---
$2B^+$	Composite (three fish)	---
$3A^+$	Composite (three fish)	---
$3B^+$	Composite (three fish)	
4^+	Individual	---
UNK	Individual	---

Polychlorinated Biphenyl Tissue Residues

Total PCB concentrations in 2025 for Chrystina Lake are provided along with historical data in Figure E-1. Each measurement since 2006 is provided as a single point (concentrations for duplicate samples averaged), with green points representing more recent data and blue representing old PCB concentrations. Total PCB concentrations for 2025 (red) are provided as single points, while mean concentrations for each age class are represented by a horizontal (mean) and vertical (standard error) black line.

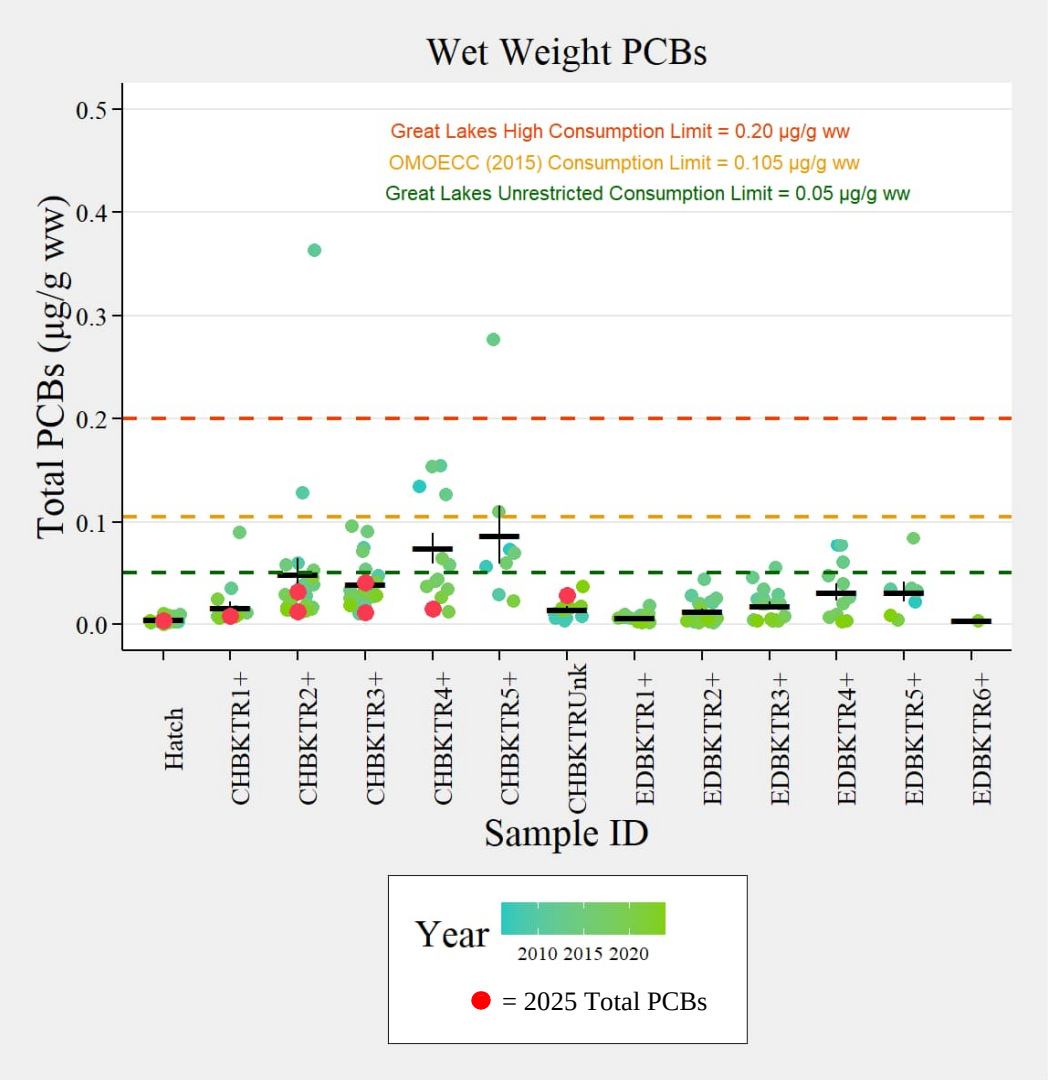


Figure E-1: Average Total PCB Concentrations in Chrystina and Edith Lake Brook Trout (2006 to 2025)

Total PCB concentrations in Chrystina Lake brook trout were similar to recent years but concentrations within the same age class (2^+ and 3^+ year-olds) were variable. This suggests that some brook trout will accumulate PCBs at a higher rate than others within a given stocking year and this makes it more difficult to determine if overall PCB accumulation rates are changing for Chrystina Lake brook trout. Despite the higher PCB concentrations observed in one of the two composite samples for the 2^+ and 3^+ year old age groups, the PCB concentrations in Chrystina Lake brook trout were at or below the historical average, as well as the unrestricted consumption guideline for the Great Lakes.

Since PCBs are lipophilic and preferentially accumulate in fatty tissue, the total PCB concentrations were normalized according to the lipid content in each sample to provide a lipid normalized PCB (PCB_{Lipid}) concentration. The total PCB_{Lipid} concentrations have been decreasing significantly in both lakes over the past 10 years but there is high variability over this time-period (Figure E-2).

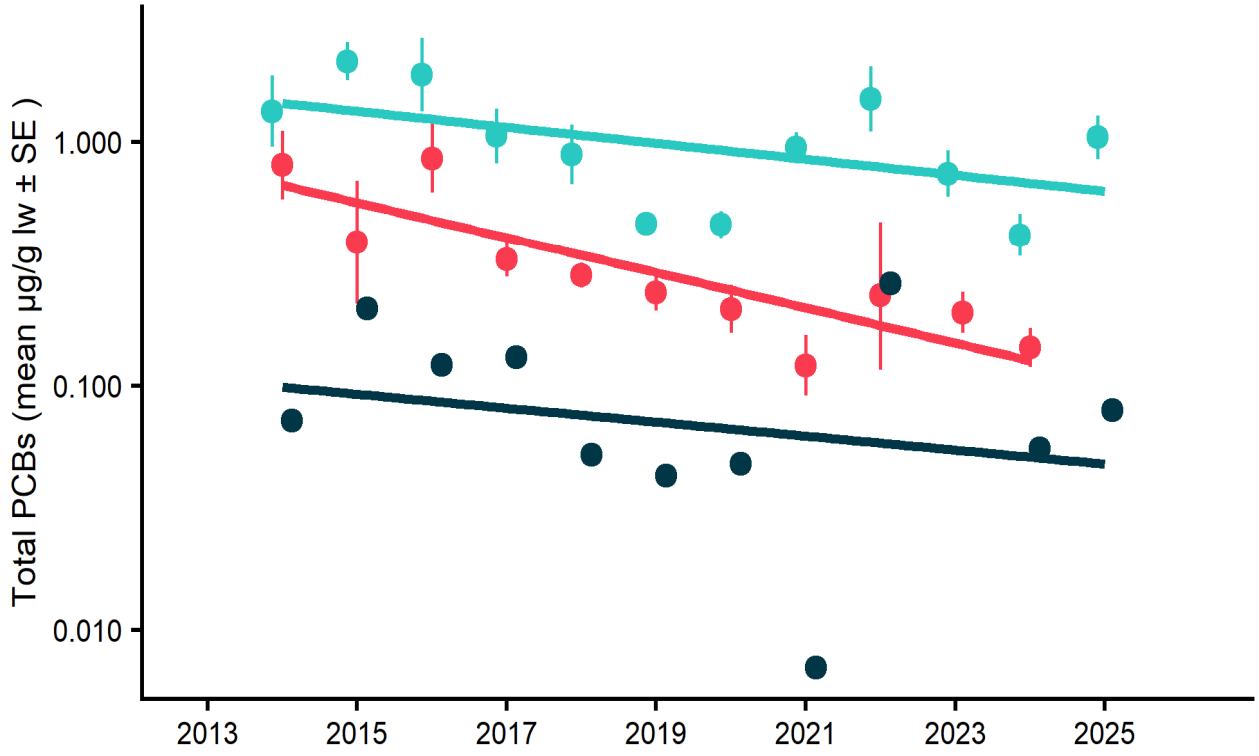


Figure E-2: Average (± Standard Error) Lipid Normalized Total PCB in Chrystina and Edith Lake Brook Trout (2012 to 2025)

Reconstruction of the life history of a single fish is used to estimate PCB accumulation rates in Chrystina Lake brook trout. This analysis is intended to reduce variability to provide an improved understanding of PCB accumulation rates in Chrystina Lake and Edith Lake brook trout over time. Reconstructed life-history results based on PCB 118 are summarized for cohorts stocked into Chrystina Lake from 2013 to 2022 in Figure E-3 plots A and B. Plot A provides the trend line for each cohort assessed while plot B provides the slope parameter for each cohort from 2013 to 2022. Within Chrystina Lake, the accumulation rates for PCB 118 have been decreasing for each cohort since the 2019 cohort, suggesting that each cohort stocked into Chrystina Lake since then has been accumulating this PCB at a slower rate than the previous cohort.

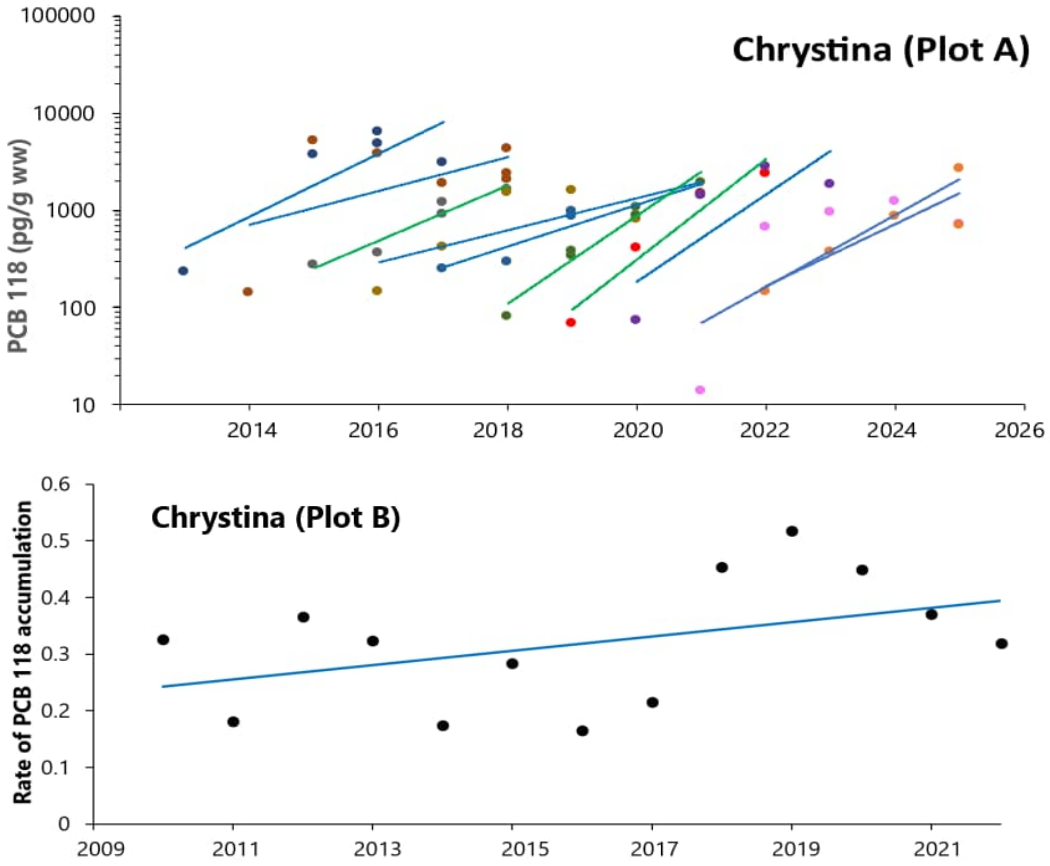


Figure E-3: Plot A - PCB 118-Based Reconstructed Life-Histories of Brook Trout Stocked into Chrystina Lake for Cohorts Stocked from 2013 to 2022. Plot B – Value of the slope parameter estimating rate of PCB accumulation of PCB 118 based on reconstructed life histories of cohorts stocked into Chrystina Lake from 2010 to 2022. (Blue Lines Indicate Trends that are Not Statistically Significant While Green Lines Indicate Trends that are Significant)

Overall Toxicity

The total TEQs of brook trout sampled in 2025 are compared with the CCME guideline, historical ranges, and Edith Lake brook trout in Figure E-4. Total TEQs exceeded the CCME guideline in Chrystina Lake for one of the 2+ year olds, one of the 3+ year olds, and the large brook trout with no known age (Figure E-4). The age classes that did not exceed guidelines have all decreased since 2024.

The total TEQ was normalized according to lipid content. Lipid normalized total TEQs (TEQ_{Lipid}) in Chrystina Lake brook trout were within the historical range in 2025 although CHBKTR2B^{+}, CHBKTR3A^{+}, and CHBKTR UNK were above the TRB99 threshold. The average TEQ_{Lipid} have been decreasing significantly in Edith Lake since 2014 and there is evidence of a similar decrease in Chrystina Lake brook trout, but like PCBs, the results for TEQ_{Lipid} measurements are variable over time (Figure E-5). Notably, the average TEQ_{Lipid} in both lakes are below the most conservative TRB, which is protective of 99% of fish species, including brook trout.

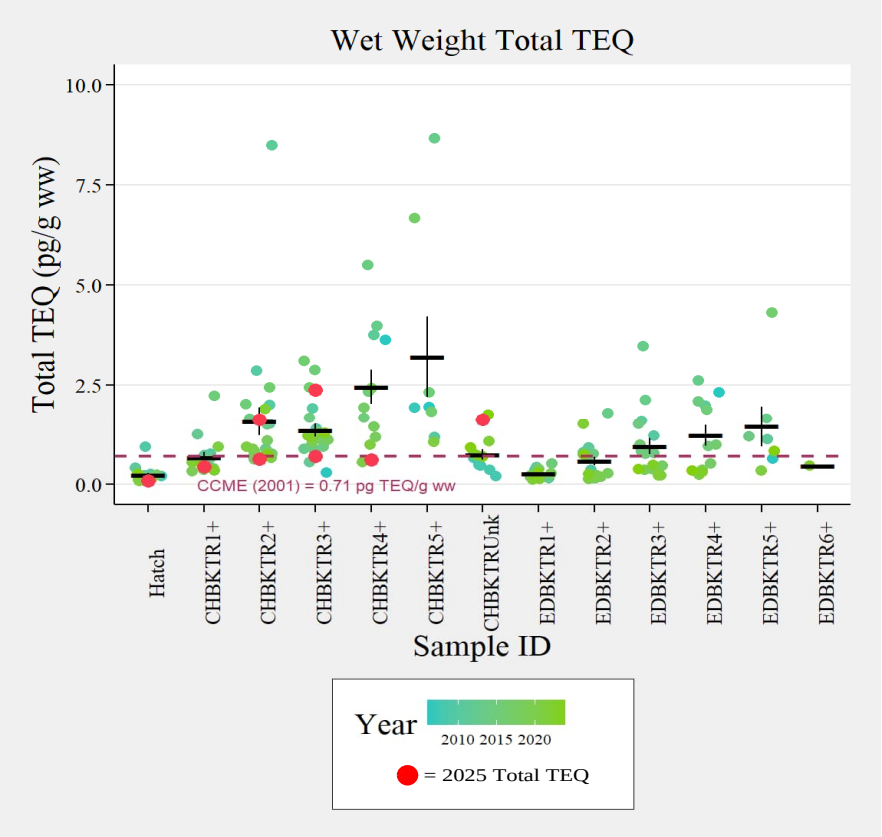


Figure E-4: Historical and 2025 Total TEQs (Wet Weight) in Brook Trout (2006 to 2025)

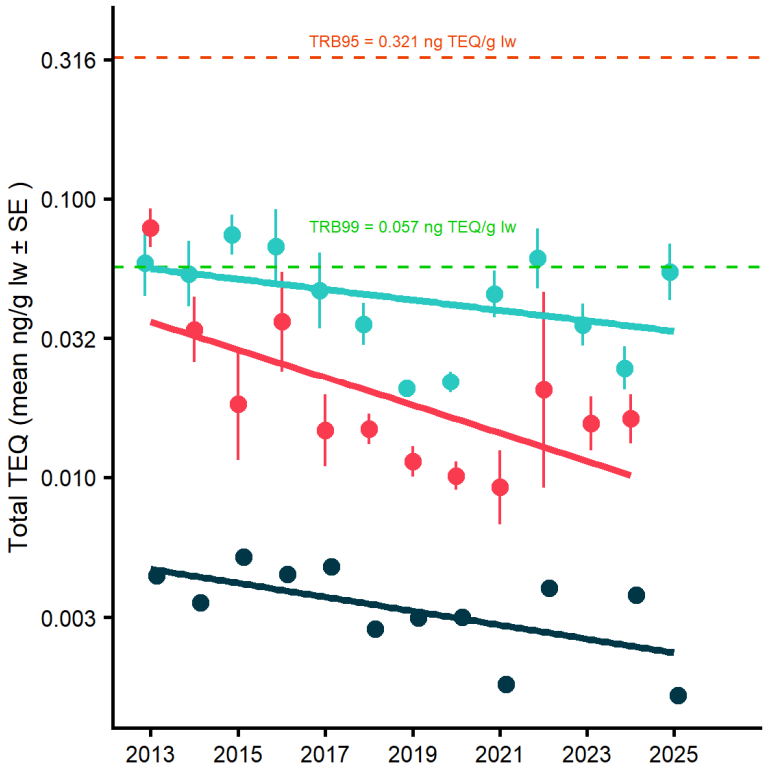


Figure E-5: Average (± Standard Error) Lipid Normalized Total TEQ in Chrystina and Edith Lake Brook Trout (2012 to 2025)

Other Contaminants and Guidelines

Inorganic and organic concentrations that exceed tissue residue criteria in 2025 are summarized alongside historical range comparisons in Table E-3. No metals other than zinc exceeded guidelines in Chrystina Lake, while calcium, chromium, cobalt, iron, manganese, mercury, phosphorus, potassium had historical minima across all age classes. Chrystina Lake also exceeded guidelines for total TEQ and PCB-based TEQ in the 2^+ and 3^+ year age classes. Overall, guideline exceedances were consistent with those previously documented in Chrystina lake.

Table E-3: Guideline Exceedances and Historical Comparisons of 2025 Tissue Concentrations

Location / Age Class	Guideline Exceedances	Contaminants Outside Historical Range
Chrystina Lake 1^+	Zinc	*Calcium, Mercury, Phosphorus, Potassium, Dioxin-like PCB 123, 169*
Chrystina Lake $2A^+$	N/A	*Arsenic, Cobalt, Copper, Manganese, Zinc Dioxin-like PCB 105, 118, 123, 156, 157, 167, 169, 189*
Chrystina Lake $2B^+$	PCB-based TEQ, Total TEQ, Zinc	*Copper Dioxin-like PCB 169*

Location / Age Class	Guideline Exceedances	Contaminants Outside Historical Range
Chrystina Lake 3A+	PCB-based TEQ, Total TEQ, Zinc	*Manganese* *Dioxin-like PCB 123* Dioxin-like PCB 81
Chrystina Lake 3B+	Zinc	*Dioxin-like PCB 123, 156, 167*
Chrystina Lake 4+	Zinc	*Chromium, Iron* *Dioxin-like PCB 77, 123, 126* *PCB-based TEQ*
Chrystina Lake (Unk)	PCB-based TEQ, Total TEQ, Zinc	N/A

Notes:

Guideline exceedances indicate tissue concentrations above SETAC thresholds for metal contaminants and CCME tissue residue guidelines for organic contaminants.

Contaminants listed in *italics* indicate that the tissue concentration is below the historical minimum for the corresponding age class.

Contaminants listed in *BOLD* indicate that the tissue concentration is above the historical maximum for the corresponding age class.

Summary and Recommendations

The mean fork length of fish captured within Chrystina Lake rose to 305 mm, which is closer to the averages seen in 2022 and 2023. Even though mean FL rose, mean fish condition in Chrystina Lake dropped to 1.15, which is the lowest average since 2017. Although no fish were captured in the white fyke net historically trialed during the FTMP, the CPUE for a larger black fyke net was high and provided a suitable method for reducing mortality of non-target fish. For example, white suckers not retained for analysis could be released and brook trout could be checked for a CWT and those of similar size could be released to target more large individuals. Although, no 5+ year old brook trout were captured, a 4+ year-old was caught for the first time since 2021 and this extended the 2021 cohort data.

In Chrystina Lake, zinc concentrations continue to exceed the SETAC (1999) threshold within all age classes. Arsenic, calcium, chromium, cobalt, copper, iron, manganese, mercury, phosphorus, potassium, and zinc all had new historical minima in at least one age class. No other metal concentrations exceeded guidelines, thresholds, or presented new historical maxima in Chrystina Lake.

Total PCB_{Lipid} concentrations of Chrystina Lake brook trout increased slightly in all age classes except for the 4+ year-old age class which decreased since last captured in 2021. Notably, the total PCB concentrations within the 2+ and 3+ year-old age classes were variable with only one of the two composite samples in each age class being elevated compared with 2024. Despite high variability over time, the total PCB concentrations in Chrystina Lake edible brook trout tissue continued to have decreasing trends. All age classes remain below the unrestricted consumption guideline for the Great Lakes and either near or below the CCME guidelines. The concentration of dioxin-like PCB 81 was the only new historical maximum in 2025, while several historical minima were documented in each of the age classes measured in 2025.

Total TEQ_{Lipid} concentrations in Chrystina Lake brook trout were within the historical range although CHBKTR2B^{+}, CHBKTR3A^{+}, its duplicate, and CHBKTR UNK were above the TRB99 threshold analyzed in 2025.

Moving into the 2026 sampling season it is recommended that:

- The CWT program continues following methods previously used for the FTMP.
- Use of the large black fyke net continues to supplement gill netting so that more brook trout can be selectively chosen for analysis. A live well will continue to be used so that captured fish can be kept safely while the age distribution is determined on-site.
- If possible, select CWTs will be reviewed on site to determine age of larger fish at the time of sampling.
- Public engagement continues to promote the fish head collection initiative, and conversations are held to brainstorm ideas on how to encourage public engagement with the program.
- The FTMP continues to use analytical methods providing concentrations for the ICES-7 subset congeners and 12 dioxin-like PCBs to enable more cost-effective monitoring.
- The FTMP includes a review of TEQs using both the 2005 and 2024 TEF values for dioxins and dioxin-like compounds measured during the FTMP to determine how these changes alter the TEQs measured in brook trout edible tissue.

Abbreviations and Acronyms

Acronym / Abbreviation	Definition
AEPA	Alberta Environment and Protected Areas
ALS	ALS Canada Ltd.
CCME	Canadian Council of Ministers of the Environment
CEMP	Coordinated Environmental Monitoring Program
CFIA	Canadian Food Inspection Agency
COC	Contaminant of Concern
CPUE	Catch Per Unit Effort
CWT	Coded Wire Tag
Dioxins	Polychlorinated Dibenzo-p-Dioxins
EMP	Environmental Monitoring Program
EMPC	Estimated Maximum Potential Concentration
EPEA	*Environmental Protection and Enhancement Act*
FL	Fork Length
FTMP	Fish Tissue Monitoring Program
Furans	Polychlorinated Dibenzofurans
HHRA	Human Health Risk Assessment
ICES-7	International Council for the Exploration of the Sea Subset PCB Congeners – including PCB congeners 28, 52, 101, 118, 138, 153, 180
IUPAC	International Union of Pure and Applied Chemistry
K	Condition Factor
km	kilometres
LOEC	Lowest Observable Effect Concentration
lw	Lipid Weight
MK	Mann-Kendall
ML	Maximum Level
NOEC	No Observable Effect Concentration
PCB	Polychlorinated Biphenyls
PCB_{Lipid}	Lipid Normalized PCB Concentration
pg/g	picograms per gram
FRL	Fish Research License
SETAC	Society of Environmental Toxicology and Chemistry
SOP	Standard Operating Procedure
SSD	Species Sensitivity Distribution
TCDD	2,3,7,8-Tetrachlorodibenzo-p-Dioxin
TEF	Toxic Equivalence Factor
TEQ	Toxic Equivalence Quotient
$TEQ_{Dx/F}$	Dioxin/Furan-Based Toxic Equivalence Quotient
TEQ_{Lipid}	Lipid Normalized Toxic Equivalence Quotient

Acronym / Abbreviation	Definition
TEQ_{PCB}	PCB-Based Toxic Equivalence Quotient
the facility	Swan Hills Treatment Centre
TRB	Tissue Residue Benchmarks
TRB90	Tissue Residue Benchmark Protective of 90% of Fish Species Present
TRB95	Tissue Residue Benchmark Protective of 95% of Fish Species Present
TRB99	Tissue Residue Benchmark Protective of 99% of Fish Species Present
µg/g	micrograms per gram
USEPA	United States Environmental Protection Agency
Veolia	Veolia Waste Services Alberta Inc.
WHO	World Health Organization
ww	wet weight

1. Introduction

The Swan Hills Treatment Centre (the facility) is approximately 13.5 kilometres (km) northeast of the Town of Swan Hills, Alberta, in W½ 6-67-8 W5M, and is operated by Veolia Waste Services Alberta Inc (Veolia, Figure 1). The facility is operated under the *Environmental Protection and Enhancement Act* (EPEA) Approval No. 1744-03-00. Section 4.10 of the EPEA approval requires that an annual Environmental Monitoring Program (EMP) reviews the potential effects of the facility's operation on the surrounding environment.

The EMP requirement of the EPEA approval is fulfilled by a detailed annual EMP initiated in 1985 for the facility and surrounding area. Key components of the EMP include groundwater, surface water, sediment, fish, air, soil, vegetation, and wildlife. Preexisting/baseline data of the environmental components were collected from 1985 onwards until the official opening of the facility on September 11, 1987. These components have been monitored regularly since the facility opened and are examined for temporal and spatial changes that might indicate whether the facility operations affect the surrounding environment.

The fish tissue monitoring program (FTMP) is responsible for the annual collection and analysis of edible brook trout (*Salvelinus fontinalis*) tissue from two lakes (Chrystina Lake and Edith Lake) near the facility as part of the EMP. A detailed description of these features is provided in Section 1.1 and Appendix A. Information collected during the FTMP also supports an annual human health risk assessment (HHRA) aimed at quantifying the potential risks of using lakes near the facility as a source of country foods. Worley Canada Services Ltd., operating as Worley Consulting, was retained by Veolia to complete the 2025 FTMP.

Each year, brook trout tissue is analyzed for trace metals and major organic contaminants, including polychlorinated biphenyls (PCBs), polychlorinated dibenzo-ρ-dioxins (dioxins), and polychlorinated dibenzofurans (furans). A detailed analytical schedule for fish tissue is provided in Table 1. A notable change in the 2025 FTMP is a shift from congener-specific PCB analysis of all 209 PCB congeners to analysis of a set of seven marker PCB congeners and the 12 dioxin-like PCBs. The rationale and ramifications of this change are discussed in detail in Section 2.5.2.

Brook trout tissue samples (consisting of edible tissue with skin on) are composited according to age for chemical analysis given that several trace metals (e.g., arsenic, cadmium, chromium, copper, lead, mercury), PCBs, dioxins, and furans can accumulate in fish tissue (ATSDR 2000). Notably, previous investigation into possible exposure pathways in Chrystina Lake has provided useful insights, but a comprehensive study of exposure pathways is outside the scope of the FTMP.

Historically, white sucker tissue is archived during the field program and kept frozen for analysis if PCB concentrations in brook trout exceed the current FTMP trigger (exposure ratio calculated in the HHRA based on contaminant concentrations exceeds 10). White sucker is not a sportfish in Alberta and is rarely taken for human consumption making them less relevant to the HHRA component of the EMP, and historical contaminant concentrations are low compared to brook trout. Consistent with previous years, white sucker fillets from Chrystina Lake were retained and archived should further analysis be warranted.

In 2025, ALS was delayed in receiving accreditation and was unable to receive samples at the usual project timeline. Instead, the samples were sent in December 2025, with results received back in early 2026. As a result, the typical March 31 deadline for the annual FTMP was extended to September 30, 2026, by AEPA (Appendix A).

1.1 Study Locations

The geographic setting displaying the main features of interest for the FTMP is illustrated in Figure 1. Key terrain features that are examined by the FTMP include:

- Chrystina Lake - located approximately 1.5 km downwind and downgradient from the facility in NE 8-67-8 W5M.
- Edith Lake, which is considered a local reference lake for Chrystina Lake. Edith Lake is similar limnologically to Chrystina Lake but is located upwind and farther away from the facility in S 27-67-10 W5M (approximately 15 km).

Following recommendations from the 2024 FTMP, Edith Lake has transitioned into a biannual sampling pattern and was not sampled in 2025.

No major streams drain into Chrystina Lake, and outflow is controlled by a vertical culvert at the south end of the lake. Key limnological characteristics of the lakes are summarized in Table 1-1.

Table 1-1: Characteristics of Study Locations

Lake	Surface Area (km^2)	Watershed Area (km^2)[1]	Lake to Watershed Area Ratio	Maximum Depth (m)[2]	Mean Depth (m)[2]	Estimated Volume (m^3)
Chrystina Lake	0.49	1.60	0.31	10.5	3.2	1,568,000
Edith Lake	0.26	0.83	0.31	6.3	2.6	676,000

Notes:

[1] Watershed area includes lake surface area.

[2] Depth measurements are from bathymetric surveys in 2012 and 2014.

Both Chrystina and Edith lakes are used for recreation (gravel boat launches and a public camping area on the shores) and have forestry and some oil and gas-related activities (e.g., pump jacks, access roads, pipelines) in their watersheds. An existing oil well is present on the northwest shore of Edith Lake as well. The two lakes have different bathymetric characteristics and volumes but have a similar ratio of lake area to watershed area (Table 1-1). The fish community in Chrystina Lake consists of brook trout, white sucker (*Catostomus commersonii*), and brook stickleback (*Culaea inconstans*). Brook trout and yellow perch (*Perca flavescens*) are the only fish species previously reported in Edith Lake. Both Chrystina and Edith lakes are stocked annually in late spring/early summer with 17- to 18-month-old brook trout from Government of Alberta run hatcheries. The 2025 hatchery fish were raised at the Sam Livingston Fish Hatchery in Calgary, Alberta. Both lakes are open to recreational fishing all year and have possession limits of five trout. An Alberta Health advisory recommends only two servings (75 grams/serving) per week for brook trout caught within 20 km of Swan Hills (MWA 2025). This advisory encompasses both Chrystina and Edith lakes and has been in place since 1997 (GOA 2013).

1.2 Objectives

Consumption of wild caught fish is an important aspect of subsistence and recreational fisheries and can act as an exposure pathway for contaminants when food is collected from in and around contaminated sites (Health Canada 2010).

To meet the requirements of the EMP, edible tissue from brook trout caught in Chrystina Lake and Edith Lake are analyzed annually and biannually respectively as part of the FTMP to support the annual HHRA, which characterizes potential risks from consumption of fish caught near the facility. The objectives of the FTMP in 2025 include:

- Comparing chemical concentrations in the edible tissue of Chrystina Lake brook trout with applicable guidelines (Table 2; Section 2.5), historical ranges, and concentrations in brook trout from Edith Lake (reference condition) and control fish euthanized at the hatchery to investigate the potential effects of the facility on fish.
- Evaluating possible effects of chemical stressors on brook trout in Chrystina Lake relative to historical data and the reference condition (Edith Lake) by examining fish size and condition.
- Comparing concentrations of metals and organic compounds among brook trout age classes in Chrystina and Edith lakes to investigate possible accumulation.
- Identifying key recommendations to improve the effectiveness and reliability of the FTMP.

The following report provides a summary of the 2025 FTMP and compares contaminant concentrations in Chrystina Lake brook trout with historical data and hatchery control fish to characterize current conditions and ecological risk near the facility.

2. Methods

A summary of the methods used during the 2025 FTMP is provided below, while additional background information regarding the methods used as part of the FTMP is available in Appendix A.

2.1 Fish Tagging

Coded wire tags (CWT) have been used by the program since 2012, as traditional aging methods can provide unreliable results. These methods, using aging structures (e.g., otoliths, fin rays) and length-weight relationships, may be influenced by the unnatural temperature fluctuations during hatchery rearing (WorleyParsons 2015) causing inconsistencies in aging. Fish aging is an important component of the FTMP because concentrations of certain metals and organic compounds may increase with age, given their propensity to accumulate in biota.

CWTs, sourced from Northwest Marine Technology Inc., are biologically inert, small (1.1 mm long, 0.25 mm diameter) stainless steel coded tags that are implanted into connective tissue and cartilage in the fish snouts (Appendix A, Section A.2.1) before stocking into the respective lakes each spring. The CWTs are etched with codes specific to the year a fish was stocked and recovered during the summer sampling program to provide a definitive age for each brook trout collected. Codes imprinted on CWTs since 2012 are summarized in Appendix A, while codes used since 2021 are provided in Table 2-1.

Table 2-1: Chrystina and Edith Lake Stocking and Tagging Information (2021 to 2025)

Stocking Year	CWT Code	Age in 2025	Number of Fish Stocked per Lake	Stocking Date	Average Length (cm)
2021	13-01-11	5+	2,100	25 May	20.4
2022	13-01-12	4+	2,100	25 May	19.1
2023	13-00-01	3+	1,550	6,7 June	21.4
2024	13-00-03	2+	1,550	4 May (Chrystina) 20 June (Edith)*	21.7
2025	13-01-13	1+	2,600	22 May	19.1

Notes:

Average size is determined using the relationship between the number and overall weight of fish stocked and is estimated using previously measured subsamples of hatchery salmonids; these measurements, therefore, do not represent the measured average size of stocked brook trout.

Stocking information from Alberta Government Stocking Reports Government of Alberta (2021, 2022, 2023, 2024, 2025).

*Late stocking at Edith Lake was due to unfavourable weather conditions resulting in impassable roads to access the lake.

2.2 Summer 2025 Sample Collection

The 2025 summer sampling program took place from September 24-25. Yuma® tablet computers with pre-loaded data sheets were used to record field data and calculate preliminary measures of fish condition, catch-per-unit-effort (CPUE), and size distribution to improve sampling efficiency. Collection and dissection procedures for brook trout and white sucker are summarized in Sections 2.2.1 and 2.2.2 described in detail in Appendix A (Sections A2.2 and A2.3).

2.2.1 Fish Collection

Gill and fyke netting were used to collect brook trout and white sucker during summer sampling. All netting locations in Chrystina Lake are shown in Figure 2. Net deployments (gill and fyke) were done from a 12 foot inflatable Zodiac boat with a 20 HP Tohatsu outboard motor. Fishing was conducted under Fish Research License (FRL) 25-1207-RL, which was acquired from Alberta Environment and Protected Areas (AEPA) Slave Lake office.

Two fyke nets were deployed in Chrystina Lake in 2025, this is notable because a fyke net was used between 2016 and 2020 but was discontinued in 2021 because of low catch rates. The additional net was larger, black in color, and the wing extended from the centre of the net rather than the sides of the fyke net opening. In contrast the net previously used was white and the wings attached to either side (or both sides) of the fyke net opening.

Gill nets were set near the lake bottom, suspended in the water column, or floated near the surface depending on habitat type, previously documented fish distribution, and observations of fish activity at the surface. Nets were deployed near suitable brook trout habitats and areas with high fish density based on historical catch data, as well as bathymetric mapping (WorleyParsons 2015). Approximate ages were estimated by length upon capture, but trout released by the hatchery can vary greatly in size, with some 0^+ hatchery fish already rivaling 1^+ and 2^+ BKTR in size. Consequently, it was difficult to predict ages without a CWT. The CPUE for each sampling method used in each lake was calculated as the number of fish captured per day per square metre for gill nets or as the number of fish captured per trap-hour for fyke nets.

2.2.2 Fish Dissection

All fish captured were identified to species, measured, and processed in the field as soon as possible following collection. Adult brook trout kept for tissue analysis were brought to a temporary workstation on shore. Fish were euthanized by a sharp blow to the head with a fish mallet. The exterior of each fish was examined before dissection for signs of environmental stress, such as abnormalities of the eyes, fins, gills, or mouthparts. The fish was then held in front of a CWT scanner to determine the presence of a CWT. If present, the snout was removed and retained in a coin envelope so that the CWT could be removed and the age recorded. Traditional aging structures (e.g., scales, fin rays, and otoliths) were retained if no CWT was present when feasible. White sucker captured from Chrystina Lake also were examined and dissected following capture using similar procedures as those described for brook trout (Appendix A, Section A.2.3).

Edible tissue (fillets with skin on) was obtained by filleting each side of the fish, removing belly fat, and removing large bones and fins. For analysis of organic compounds, fillets were wrapped in aluminum foil, pre-washed with hexane-acetone and placed in zip-lock bags. For analysis of trace metals, fillets were not wrapped in aluminum foil but placed directly in labelled zip-lock bags. Fillets for metal analysis were packaged first to avoid contamination of the sample with metals from the aluminum foil.

Once processed, brook trout and white sucker fillets were placed immediately on dry ice for transportation and then housed in a freezer (nominal storage temperature of <-20°C) until brook trout age could be determined. White sucker tissue was retained for possible analysis should it be required. Tissue from individuals not analyzed was stored in a freezer (nominal storage temperature of <-20°C) and retained for a minimum of five years should additional chemical analysis be required.

Sampling equipment was cleaned between fish samples in accordance with the United States Environmental Protection Agency (USEPA) standard operating procedure (SOP) No. 2006 for Sample Equipment Decontamination (USEPA 1994). After each fish was dissected, all instruments and work surfaces were cleaned with laboratory-grade acetone and hexane. All field personnel handling the fish wore nitrile gloves that were replaced between fish dissections to avoid cross-contamination.

2.2.3 Sample Composition

Individual brook trout were sorted by age class, and up to six fish from each age class were combined into composited samples. Because there were no brook trout in the 5^+ age class that were captured and Edith Lake is in a non-sampling year, the 2^+ and 3^+ year-old age classes were broken down into A and B groups of three individuals each. These age classes were split into groups to achieve a better understanding of variability within age classes. Characteristics of fish collected and analyzed during the 2025 FTMP are provided in Table 3. One fish in the 4^+ year-old age class was submitted as the only fish captured in that category. One fish with an unknown age was submitted as an individual sample because a CWT was not detected and its large size suggested it was an older individual that would be targeted by recreational/subsistence fishers. Tissues for inorganic and organic analyses were packaged according to the compositions summarized in Table 2-2 and shipped on dry ice to ALS Global (ALS) in Burlington for analysis. In 2025, ALS was delayed in receiving accreditation and was unable to receive samples at the usual project timeline. Instead, the samples were sent in December 2025, with results received back in early 2026. As a result, the typical March 31 deadline for the annual FTMP was extended to September 30, 2026, by AEPA (Appendix A).

Table 2-2: Composition of Samples Analyzed during the 2025 Monitoring Program

Age Class	Chrystina Lake (CHBKTR)	Hatchery (HATCH)
1^+	Composite (four fish)	Composite (ten fish)
$2A^+$	Composite (three fish)	---
$2B^+$	Composite (three fish)	---
$3A^+$	Composite (three fish)	---
$3B^+$	Composite (three fish)	
4^+	Individual	---
UNK	Individual	---

2.3 Quality Assurance and Control

Each year before the sampling program begins, ten brook trout from hatchery populations stocked into Chrystina and Edith lakes are obtained from the stocking hatchery. These individuals are sacrificed at the hatchery, frozen, and transported in sealed bags to control for any potential contamination accumulated during hatchery rearing.

Once they are defrosted, the same dissection processes are followed as described in Section 2.2.2. Fillets from each brook trout were removed and separated into two composite samples as described for brook trout captured from Chrystina Lake for metals and organics analysis.

Further information about the FTMP quality assurance and quality control program can be found in Appendix B.

2.4 Fish Morphology

Morphological features of individual fish captured were measured to identify any changes to fish condition in Chrystina Lake brook trout. This included calculating the average fork length (FL) and condition of brook trout in Chrystina Lake and comparing these with historical data and reference conditions (i.e., Edith Lake). Condition Factor (K) was calculated and presented graphically to display trends in condition over time (Murphy and Willis 1996). Fish Condition Factor incorporates length-weight data into a single metric, assumes that heavier fish of a given length are in better physiological condition, and is calculated as per Equation 1.

Equation 1 $$K = \frac{W}{FL^3} \times 10^5$$

Where:

- FL = fork length (mm) and W = weight (g); the length exponent of three assumes that fish grow isometrically (Murphy and Willis 1996).

Condition factor is thought to increase with the health of individuals (Froese 2006) and was used to compare fish from Chrystina and Edith lakes. Statistical analyses were performed using RStudio software (Version 2025.09.0). Condition factor for salmonids typically ranges from 0.8 to 2.0 depending on fish health, and a condition factor of 1.2 generally indicates that fish are acceptable to most anglers (Table 2-3).

Table 2-3: Estimated Salmonid Health Based on Condition Factor (K)

K Value	Health Ranking
1.6	Excellent, trophy fish
1.4	Good
1.2	Fair, acceptable to most anglers
1.0	Poor
0.8	Extremely Poor, generally thin with a large head and narrow body

Notes:

Rankings adopted from Barnham and Baxter (1998).

Recent trends in dominant brook trout length classes over time and between lakes were evaluated by comparing length-frequency distributions (i.e., number of fish per fork length class). Length-frequency distributions since 2023 were compared among brook trout from both lakes and the length-frequency distribution of tagged fish captured since 2012 is provided to investigate the relationship between FL and age.

2.5 Tissue Residue Analysis

Contaminant concentrations in brook trout analyzed from Chrystina Lake, Edith Lake (reference) and the hatchery (control) were compared to various tissue residue criteria from the current year and the historical data range (1985-2024) using summary statistics (i.e., minimum, mean, and maximum). Concentrations outside the historical range were noted for further review. Comparisons with tissue quality criteria contextualize the tissue concentrations in Chrystina Lake brook trout to help determine the level of risk to human/wildlife consumers, as well as the risk of adverse physiological effects on stocked brook trout. The following sections describe the tissue residue criteria used during the FTMP and statistical analyses used to provide early detection of potential risks.

2.5.1 Tissue Reside Criteria (Trace Metals)

Tissue residue criteria used to assess the potential for adverse effects from metal concentrations in Chrystina Lake brook trout are summarized in Table 2. These criteria were adopted from:

- Toxicological thresholds from the Society of Environmental Toxicology and Chemistry (SETAC; SETAC 1999).

- Health Canada maximum levels (MLs) on the List of Contaminants and Other Adulterating Substances in Foods (Health Canada 2025) and the List of Maximum Levels for Various Chemical Contaminants in Foods (Health Canada 2020).
- Environmental Quality Guidelines for Alberta Surface Waters (GOA 2018).

The SETAC criteria provide thresholds based on toxicologically determined benchmarks for the effects of 11 metals in fish, including aluminum, antimony, arsenic, cadmium, chromium, copper, lead, mercury, nickel, selenium, and zinc (Table 2). Toxicity data available in the SETAC (1999) database includes the lowest observable effect concentration (LOEC) and the no observable effect concentration (NOEC).

The LOEC means the lowest test concentration of a substance that has a statistically significant adverse effect on a specific population of test organisms compared with that observed in controls. The NOEC corresponds to the highest test concentration of a substance that shows no statistically significant adverse effect on a specific population of test organisms compared to that observed in controls. The thresholds used for comparison with brook trout during the FTMP (Table 2) are based on NOEC endpoints for salmonid fish species from the SETAC (1999) database. The SETAC (1999) threshold concentrations were cross-referenced with the ECOTOXicology knowledge base and Environmental Residue Effects Database as part of the 2019 expanded program, and the SETAC (1999) thresholds were consistent with recent toxicological data (Advisian 2020).

Health Canada is responsible for the assessment of risks to human health from exposure to food-borne chemical contaminants. One such risk-management measure is the development of MLs for chemical contaminants in retail foods. The List of Contaminants and Other Adulterating Substances in Foods establishes MLs in fish protein for arsenic and lead (Health Canada 2025; Table 2). The List of Maximum Levels for Various Chemical Contaminants in Foods establishes the ML for mercury in edible fish tissue (Health Canada 2020). These limits are enforceable by the Canadian Food Inspection Agency (CFIA) and replace the Guidelines for Chemical Contaminants and Toxins in Fish and Fish Products.

The Environmental Quality Guidelines for Alberta Surface Waters (GOA 2018) establishes an interim muscle tissue guideline for selenium (Table 2). Selenium is the only metal or contaminant of concern (COC) associated with the FTMP that has a provincial tissue residue guideline in Alberta. It is important to note that the Alberta guideline for selenium is on a dry weight basis. Historically, metal concentrations in brook trout analyzed during the FTMP have been measured on a wet weight (ww) basis and as such, metals are presented throughout this report as ww concentrations. Notably, the analytical results for samples from 2025 are on a ww basis, and this must be considered in any comparison of the selenium tissue concentrations with the Alberta interim guideline.

2.5.1.1 Trace Metal Trend Analysis

Mann-Kendall (MK) trend analyses (Hirsch et al. 1982) were performed to identify statistically significant increasing or decreasing temporal trends in trace metal concentrations in brook trout tissue from the two lakes. The MK test is a non-parametric test for a net increase or decrease in a time-series based on ranked data (Nielsen 2005). It can evaluate trends where there are at least four data points, and more than half of them are above reportable detection limits.

The MK test is not affected by arbitrary substitutions for measurements below the detection limit since these non-detections are treated as ties when analyzed by a rank-based statistical analysis (Helsel et al. 2020). The MK test was applied to metals with at least six consecutive years of data above detection up to 2025 to improve the power of this trend analyses compared with standard requirements. A moving-window approach was used for the MK trend analysis, in which data from the previous 10 years of tissue monitoring was assessed to avoid the influence of historical data that is less relevant to current conditions. Since the MK test does not account for the magnitude of differences between years, it is applied as a screening tool during the FTMP to identify COCs where more robust parametric trend analyses may be warranted.

Metals analyzed using the MK trend test include a moving window approach. Chrystina Lake brook trout analysed between 2015 and 2025, and Edith lake brook trout analysed between 2014 and 2024 were assessed using this trend analysis for metals including:

- Aluminum
- Arsenic
- Barium
- Chromium
- Cobalt
- Copper
- Iron
- Lead
- Manganese
- Mercury
- Selenium
- Thallium
- Zinc

Average brook trout tissue concentrations for each of these metals were calculated for both lakes and MK trend analysis was performed using RStudio software (Version 2025.09.0).

2.5.2 Organic Analyses- PCBs, Dioxins, and Furans

Fish tissue samples collected from Chrystina Lake were sent to ALS and analyzed for seven marker congeners used by the International Council for the Exploration of the Sea (ICES-7), the twelve dioxin-like PCB congeners (note that PCB 118 is an ICES-7 marker PCB and a dioxin-like PCB), seven dioxins, and ten furans (Table 1). The ICES-7 marker PCBs are discussed in the context of the SHTC EMP in Section 2.5.2.4. This analysis package was developed by ALS in Burlington to support the CFIA dioxin and dioxin-like compound monitoring program for Canadian consumers. The analysis has been incorporated into the FTMP to improve its ability to investigate COC variability in Chrystina Lake brook trout and to align exposure estimates in the HHRA with the Health Canada exposure limit for non-dioxin-like PCBs (Worley 2025).

The analysis of a subset of PCB congeners was a change in 2025 from the historically used methods based on recommendations from the 2024 FTMP that were endorsed by AEPA (Appendix A). Therefore, two samples were also analyzed for all 209 PCB congeners using the historically used EPA 1998c congener-specific method, results from this analysis are discussed as part of the FTMP QAQC component in Appendix B.

Lipid normalization of PCB results removes potential effects of fat content variability between samples, given that PCBs are lipophilic and expected to accumulate preferentially in fatty tissue (Van den Berg et al. 2006). In addition, tissue residue benchmarks (TRB) used for determining the potential for adverse effects on fish are based on lipid normalized PCB concentrations (Section 2.5.2.2). Total PCB content in fillets is normalized for lipid content using Equation 2.

Equation 2 $$PCB_{Lipid} = \frac{100}{\%Fat} * PCB$$

Where:

- %Fat = lipid content, and PCB = the total PCB content on a ww basis (µg/g). For conciseness, PCB concentrations normalized for lipids are referred to using a 'Lipid' subscript in this report (PCB_{Lipid}).

2.5.2.1 Toxic Equivalency

Coplanar ('dioxin-like') PCBs include twelve congeners that have no chlorine atoms (non-ortho) or a single chlorine atom (mono-ortho) substituting hydrogen atoms in the ortho-position. PCB congeners with these chemical structures are identified by their International Union of Pure and Applied Chemistry (IUPAC) number in Table 4. A detailed discussion of PCB chemical structure is not within the scope of the FTMP but is available from the Agency for Toxic Substances and Disease Registry (ATSDR 2000).

Metabolic processes involved in the breakdown and toxicity of dioxin-like PCBs, dioxins, and furans are similar (Appendix A, Section A.3.1.2). Consequently, the toxicity of these compounds can be quantified by combining their respective toxic effects into a single Toxic Equivalence Quotient (TEQ). The TEQ approach uses the toxic equivalency factor (TEF), which is based on the concept of dose addition, where the toxicity of individual dioxin and dioxin-like compounds in a mixture is combined into the single TEQ metric that can be used to facilitate risk assessment and regulatory control. TEQs calculated during the FTMP are based on the 2005 World Health Organization (WHO) TEFs, which express the toxicity of each dioxin, furan, and dioxin-like PCB relative to the most toxic form of dioxin (Table 4; Van den Berg et al. 2006). It is notable that the dioxin and dioxin-like compound exposure limit for the facility's HHRA uses updated TEF values from Devito et al. (2024). These new TEFs for dioxin-like compounds have not been incorporated into the 2025 FTMP, however it is recommended that TEQ values using the 2005 TEFs be compared with those using the 2024 TEFs as part of the 2026 FTMP.

Note that TEQ is designed to overestimate risk as it is based on toxicity results for mink, which have the highest intake-to-body weight ratio of receptor species that have been studied. Additionally, *mono-ortho* substituted dioxin-like PCBs, listed in Table 4, generally do not cause dioxin-like toxic effects in fish (Henry and DeVito 2003), but concentrations of these dioxin-like PCBs are incorporated into calculated TEQs for the FTMP. Thus, the inclusion of *mono-ortho* substituted dioxin-like PCBs in TEQ calculations provides conservative TEQ estimates for Chrystina Lake and Edith Lake brook trout.

It is also important to note that TEQ does not consider the toxicity of non-dioxin-like PCBs, which also can have negative effects through other biological processes (Henry and DeVito 2003).

Results below detection were replaced with half the detection limit value to calculate TEQ. Substituting non-detections with half the detection limit is widely accepted in Canada for risk assessment programs (Health Canada 2010). Alternative statistical methods to estimate concentrations below detection limits were beyond the scope of the FTMP.

2.5.2.2 Tissue Residue Criteria (Organics)

The ML for 2,3,7,8-tetrachlorodibenzo-ρ-dioxin (TCDD) is 20 pg/g (Table 2) on the *List of Contaminants and other Adulterating Substances in Foods* (Health Canada 2025). Brook trout tissue concentrations measured as part of the FTMP are typically two orders of magnitude below this ML. Tissue concentrations measured in samples collected in 2025 are not directly compared with this criterion, given the consistently low TCDD concentrations historically.

Canada's federal quality criterion for total PCBs is under review, and orders of magnitude above tissue concentrations in brook trout near the facility, and there is no provincial guideline for total PCBs. Consequently, total PCB concentrations in the edible tissue of brook trout collected during the FTMP are compared with the consumption advisory levels established for the Great Lakes region.

The Great Lakes region has one of the longest-running PCB monitoring programs in the world, and the region continues to be impacted by elevated PCB concentrations because of historical PCB use. Fish consumption advisory limits in the region, based on total PCB concentrations in edible tissue, are outlined in the *Binational Strategy for Polychlorinated Biphenyl (PCB) Risk Management.*

Fish consumption advisories in the Great Lakes region are guided by the Ontario provincial advisory criterion (OMOECC 2015) and consumption advisory levels derived from the Great Lakes Sportfish Advisory Task Force (GLSFATF 1993). The advisory task force has established consumption limits based on wet weight total PCB concentrations for five consumption levels. Criteria for the highest two consumer ranges, unrestricted consumption, and high consumption, are within the range of PCB concentrations in brook trout from the FTMP. The unrestricted consumption limit (0.05 µg/g edible tissue) is based on individuals that consume 225 meals of sportfish per year, whereas the high consumption limit (0.20 µg/g edible tissue) assumes individuals eat one meal of sportfish per week. Whereas these criteria are not currently used for consumption advisories in Canada, they are used by several states in the Great Lakes region. Tissue concentrations measured in brook trout during the FTMP are compared with these criteria in 2025 to provide important context for total PCB concentrations since individual PCB congeners currently are not subject to any regulatory guidelines, and the Health Canada ML (2020) for total PCBs remains under review.

The Canadian Council of Ministers of the Environment (CCME) developed Canadian tissue residue guidelines for PCBs, as well as a more stringent guideline for dioxins and furans combined (Table 2; CCME 2001a, 2001b). These guidelines set the safe limit for the consumption of aquatic tissue by wildlife (mammals) based on the TEQ of the tissue. The CCME guideline for PCBs is used to evaluate tissue residues where the PCB-based TEQ (TEQ_{PCB}) is calculated independently, whereas the dioxin and furan guideline is employed where total TEQs (including dioxin-like PCBs, dioxins, and furans) are calculated for samples analyzed during the FTMP. This approach is recommended by CCME (2001a) and compares overall toxicity with a more stringent guideline.

There are no guidelines for individual PCB congeners in Canada, but estimating TEQ provides some rigour for dioxin-like PCBs, and the CCME guidelines assume that the toxicity captured in TEQ calculations also will be protective of non-dioxin-like PCB congeners (CCME 2001a). Historically, ww tissue concentrations for dioxin-like PCBs, dioxins, and furans are multiplied by their TEF and summed to provide TEQs for each sample collected during the FTMP. These TEQs are compared with the CCME guidelines (CCME 2001a, 2001b).

Review of applicable criteria during the 2019 expanded program identified TRBs for TCDD and dioxin-like compounds using a species sensitivity distribution (SSD) approach. Steevens et al. (2005) compiled NOEC and LOEC concentrations from toxicological studies of ten fish species, including brook trout. The geometric mean of the NOEC and LOEC was calculated for each study and plotted to create an SSD from which a TRB could be derived. Using this method, Steevens et al. (2005) calculated TRBs that are protective of 90% (TRB90), 95% (TRB95), and 99% (TRB99) of fish species present within an ecosystem. These benchmark concentrations were lipid normalized to account for the propensity of PCBs, dioxins, and furans to accumulate in fatty tissue; therefore, lipid normalized TEQs (TEQ_{Lipid}) were calculated for samples analyzed as part of the FTMP. The benchmark concentrations calculated by Steevens et al. (2005) are summarized in Table 2-4. Whereas the CCME guidelines are protective of mammals ingesting aquatic tissue, these TRBs evaluate whether concentrations of dioxin-like compounds in tissues are likely to cause observable negative effects on Chrystina Lake brook trout. Notably, the geometric mean of the NOEC and LOEC for brook trout included in the SSD was 1.68 ng TCDD/g lipid weight (lw), which is an order of magnitude above the TRB90 residue concentration (Steevens et al. 2005). Consequently, the TRB values are expected to provide a conservative evaluation of potential negative effects for Chrystina Lake brook trout.

Table 2-4: Tissue Residue Benchmarks for TCDD and Other Dioxin-Like Contaminants

Percent of Fish Species Protected by Benchmark	Benchmark Value (ng TEQ/g lw)
99%	0.057
95%	0.321
90%	0.699

Notes:

Adopted from Steevens et al. 2005.

2.5.2.3 Organic Trend Analysis

The MK trend analysis was applied to the total PCB and PCB_{Lipid} concentrations and TEQs measured in brook trout from Chrystina Lake (since 2015) and Edith Lake (since 2014) to identify statistically significant trends over time. Recent MK analyses have suggested decreasing trends for organic COCs measured in both Chrystina Lake and Edith Lake; therefore, a more robust linear regression analysis was used to assess these trends in more detail as well.

PCBs tend to accumulate in biological tissue, so it would be helpful to understand patterns of change in fish tissue TEQ as fish age. This would require following a fish through its life and measuring tissue for PCB concentrations regularly. This is not possible given that sampling is terminal, and even if it were not, it would be exceedingly unlikely that the same fish could be captured during each annual cycle of sampling.

Individual life histories can be recreated using the PCB concentrations in samples from various age classes to address this difficulty and further investigate possible accumulation in Chrystina Lake brook trout. This is accomplished by pairing 1^+ year-olds from specific stocking years with successive years of 2^+ year-olds, 3^+ year-olds, etc. For example, a hatchery fish (0^+ year-old) in 2008 would be stocked as a 1^+ year-old in 2009 and would be a 2^+ year-old in 2010, a 3^+ year-old in 2011, etc.

Life histories from brook trout stocked since 2013 were reconstructed in 2025 for Chrystina Lake to produce fourteen cohorts (originating from 2013 to 2022) for which tissue concentrations have been measured for all PCB congeners. Bioaccumulation and/or biomagnification may be responsible for increasing concentrations over time, and it is not the intent here to distinguish between these processes, but it was assumed that the patterns could be described by exponential functions, which is what was fitted to each cohort.

The ww tissue concentrations for four PCB congeners/coelutions, including PCB 105, 118, 126 and 153/168, were fit to exponential functions to statistically describe accumulation trends in Chrystina Lake brook trout. Notably, PCB 153 is analysed as a coelution of 153/168, as it is the most abundant PCB found in tissue, and it will mask lower concentrations of 168. Average congener concentrations were used during the trend analysis for samples with duplicate analyses, and half detection limits were substituted where PCB 126 concentrations were below detection.

Congeners/coelutions for tracking accumulation trends (tracking congeners) were identified during the 2016 FTMP through review of the historical data set and congener profiling (Advisian 2017) and are suitable for tracking PCB accumulation in Chrystina Lake because they:

- Contribute to toxicity through dioxin-like interactions, making them environmentally relevant.
- Have high Biota-Sediment Accumulation Factors (Magnusson et al. 2005), and historical Swan Hills data suggests that they have a propensity to accumulate in fish tissue.
- Have log K_{ow} values typical of PCBs with high accumulation potential (Paterson et al. 2015, Niimi 1996).
- Have little to no censored data in the historical dataset and few estimated maximum potential concentrations (EMPC).
- Contribute a high proportion to the total PCB concentration.

Notably, PCB 126 concentrations are occasionally reported as EMPC values or below detection. This congener is used as a tracking congener, as well, since it is the most toxic PCB (based on TEF) and contributes most to the overall toxicity in brook trout analyzed during the FTMP.

2.5.2.4 Indicator Congener Subsets

Congener-specific PCB analysis is an analytical method used widely to determine concentrations of all 209 congeners. This method is costly, labour-intensive, and time-consuming, which often are major considerations for determining sample distribution during large-scale or long-term environmental monitoring programs.

Many studies have recognized the constraints of congener-specific PCB analysis and that routine analysis of all 209 congeners may not be necessary, possible, or practical (Batang et al. 2016; WHO 2001; Henry and DeVito 2003). Analysis of an indicator subset is useful if the total PCB concentration for the subset is closely correlated with that for all 209 congeners and the reliability of TEQ measurements can be maintained.

Various subsets of indicator PCB congeners have been used to address the limitations of congener-specific analysis of all 209 congeners. In Europe, OSPAR's Coordinated Environmental Monitoring Program (CEMP) established a monitoring protocol using seven indicator PCB congeners listed in Table 2-5 (OSPAR 2016). These seven congeners are collectively referred to as the ICES-7 marker PCBs. European guidance recommends also analyzing PCBs 77, 126, and 169 when concentrations of indicator congeners exceed background conditions (OSPAR 2016). For the FTMP, ALS analyzed this subset with all the dioxin-like PCBs to maintain the reliability of TEQ measurements. This method is consistent with the those used for the CFIA dioxin and dioxin-like compound monitoring program.

At that time, Canadian regulators did not provide guidelines or regulations supporting a standardized subset of indicator PCB congeners for long-term monitoring, and analytical methods for analyzing a congener subset with dioxin-like PCBs were not available. Since then, Health Canada's exposure limit has been changed and are now adjusted to account for the ICES-7 marker congeners.

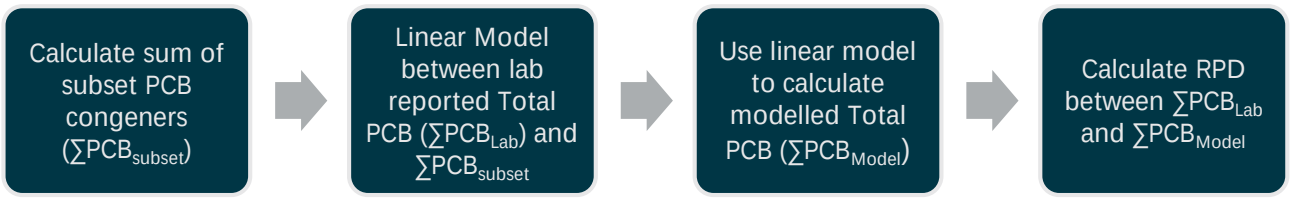
Table 2-5: PCB Congeners in Indicator Subsets

Subset of Indicator Congeners	PCBs in Congener Subset
ICES-7	28, 52, 101, 118, 138, 153, 180

The accuracy of PCB subsets to determine total PCBs was investigated using the FTMP dataset in 2018 (Advisian 2019). Based on this assessment, extrapolation of total PCB concentrations based on the ICES-7 subset to concentrations based on all 209 PCB congeners can achieve relative percent differences similar to or better than duplicate samples (approximately 5%) analyzed by the laboratory (Advisian 2019). In addition, the previous comparison of congener subset accuracy indicated that as fish age and PCB concentrations increase, the accuracy of the subset for inferring total PCBs improves. Other non-dioxin-like PCBs do not have existing regulations/guidelines, guidelines for dioxin-like PCBs are designed to be protective of non-dioxin-like PCBs, non-dioxin-like PCBs are not directly used in the FTMP or the HHRA, and congener-profiles in biota are unreliable for source apportionment studies. Consequently, the removal of most non- dioxin-like PCBs should not reduce the robustness of the FTMP or HHRA. Based on these previous investigations, incorporation of the ICES-7 as part of the FTMP is expected to improve cost-effectiveness by reducing analytical costs, which increases the number of analyses possible annually to better characterize variability in COC concentrations.

2.5.2.4.1 Modelling Total PCBs using Marker PCBs

A challenge associated with measuring a different number of PCB congeners to determine total PCB concentrations is that the number of congeners included in the analysis will alter total PCB concentrations measured and reduce comparability between years. Gibson et al. (2017) discusses this issue in depth and develops a method to address this difficulty using a linear model approach. The steps involved in this approach are outlined in Figure 2-1. This modelling approach was adopted into the 2025 FTMP to allow comparison of total PCB concentrations based on six of the ICES-7 marker PCBs with historical total PCB concentrations based on all 209 PCB congeners. This subset of marker PCBs is referred to as the ICES6 throughout this report for conciseness. Only six of the ICES-7 marker PCBs were used because PCB 118 is also a dioxin-like PCB and was reported alongside the other dioxin-like PCBs in the lab report. This allowed total PCB concentrations reported by the lab to be used to model total PCBs in 2025.



Adapted from Gibson et al. (2017).

Figure 2-1: Steps for Modelling Total PCB Concentrations from Marker PCB Subsets

Using FTMP data collected from 2013 to 2019, the sum of the ICES6 marker PCBs was calculated (ΣPCB_{ICES6}). A linear model was created by plotting the sum of all 209 PCB congeners (ΣPCB_{209}) as a factor of ΣPCB_{ICES6}. This linear model indicated a strong correlation between these two total PCB concentration measurements (Figure 2-2). This model was used to calculate modelled PCB concentrations (PCB_{Model}) from 2013 to 2025 to provide a measure of total PCBs that can be compared reliably among years. The accuracy of PCB_{Model} concentrations is determined by comparing laboratory reported PCB totals (PCB_{Lab}) with PCB_{Model} concentrations from 2020 to 2024. The results of this assessment are discussed in detail in Appendix B.

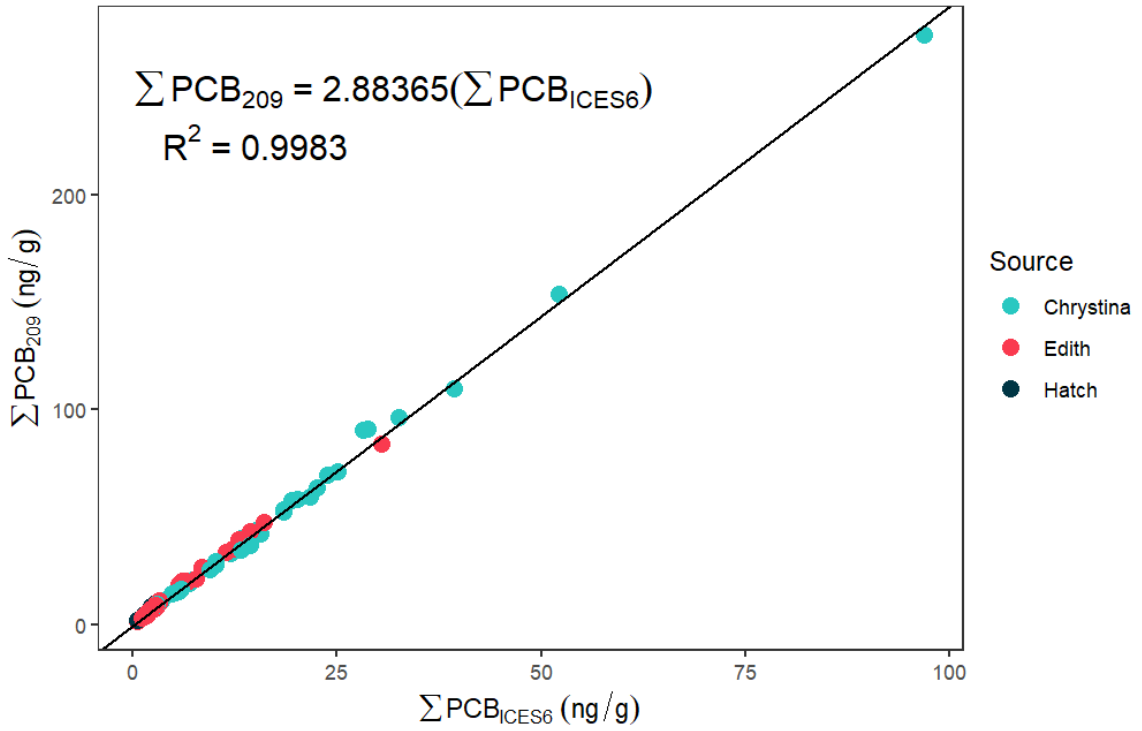


Figure 2-2: Linear Regression Model Between ICES6 Marker PCB Total and Sum of All 209 PCB Congeners in Brook Trout from Chrystina Lake, Edith Lake, and the Hatchery from 2013 to 2019

2.6 Fish Head Collection Program

As outlined in the recommendations for the 2024 expanded program, a community outreach fish head collection program was developed and implemented in 2025. After collaboration with Alberta Parks, AEPA biologists and community stakeholders, a series of brochures and signs were created outlining the intended procedure and placed at the entrance of both Chrystina and Edith Lakes. Anglers are encouraged to submit the heads of their catches in provided plastic bags that are labelled with information including date, location, and fork length. The heads are to be scanned for CWT presence, indicating age of the captured fish, helping to obtain a better understanding of age distribution for each lake.

3. Results and Discussion

3.1 Fish Characteristics

Morphological characteristics and age distribution of the fish captured and retained during the 2025 FTMP are provided in Table 3.

3.1.1 Catch Rates

The Catch-Per-Unit-Effort (CPUE) for brook trout from the gill net and black fyke net was 2.89 and 0.62 respectively. The white fyke caught no fish.

The average CPUE for brook trout and white sucker collected from Chrystina Lake in 2025 are provided in Table 3-1. Chrystina Lake yielded a total of 35 brook trout over five approximately 1-hour gill net sets (Figure 3). No angling was completed in 2025 as enough fish were captured within the gill and fyke nets. A black fyke net was used in Chrystina Lake for the first time in 2025, along with a smaller white fyke net that hasn't been used in either lake since 2020. The black net was successful in capturing 14 brook trout and 571 white sucker over the 22-hour deployment. The white fyke net caught no fish after a combined effort of 26.9 hours, but this was not unexpected as this net has low catch rates historically.

Table 3-1: Summary of CPUE during 2025 Fish Sampling Program

Lake	Gill Net		Fyke Net		
	CPUE (fish / day / m^2)	Fish Caught	CPUE Black Net (fish / trap-hour)	CPUE White Net (fish / trap-hour)	Fish Caught
Chrystina	2.85 BKTR 1.07 WHSC	35 BKTR 27 WHSC	0.62 BKTR 25.19 WHSC	0 BKTR 0 WHSC	14 BKTR 571 WHSC

Notes:

BKTR = Brook trout, WHSC = White sucker.

3.1.2 Fish Length and Condition

The average FL, length-frequency distribution, and condition of brook trout collected from Chrystina Lake in 2025 is compared with recent years in Figure 4, Figure 5, and Figure 6, respectively. Mean FL of brook trout captured in Chrystina Lake increased to 305 mm which is closer to the averages in 2022 and 2023 (Figure 4). The largest fish captured in Chrystina Lake had a FL of 390 mm and was in the 3^+ year-old age class. A higher proportion of larger brook trout (350 mm to 400 mm FL) were captured in 2025 than other recent years (since 2020) partially due to selectively sampling larger fish from the fyke net (Figure 5).

Even though mean FL rose, mean fish condition in Chrystina Lake dropped to 1.15, which is the lowest average since 2017 (Figure 6). Although average condition decreased in 2025 brook trout in Chrystina Lake range from poor to fair and would be considered acceptable by recreational anglers (Table 2-3). Notably, the average condition for Chrystina Lake brook trout in 2025 remained higher than the condition of Edith Lake brook trout documented in 2024.

Comparing stomach contents of fish captured in Chrystina Lake between 2024 and 2025 may help to explain the declining fish conditions. While fish in 2024 were well fed with 58% of individuals containing dozens of small forage fish and aquatic invertebrates in their stomachs. Only 32% of fish captured in 2025 had recently eaten.

3.1.3 Age

The age distribution of brook trout captured from Chrystina Lake during the 2025 summer sampling program is summarized in Table 3-2. The cumulative length-frequency distributions of 1^+ to 6^+ year-old tagged brook trout captured from Chrystina Lake and Edith Lake since tagging began in 2012 are provided in Figure 7.

Moving Edith Lake to a biannual sampling schedule left more time available to focus on widening the search efforts for older fish in Chrystina Lake. A 4^+ year old fish was captured within Chrystina for the first time since 2021 and this extended the cohort data for that stocking year (see Section 3.3.4). Despite the extra effort in 2025, the same issues regarding a smaller age pool and shorter life-history reconstructions still exist within Chrystina Lake. The length-frequency chart in Figure 7 demonstrates that 2^+ and 3^+ year old fish captured within Chrystina Lake are the same size or even bigger than the 4^+,5^+, and 6^+ year-old fish captured from Edith Lake. As well, fish coming from the hatchery vary substantially in size within the same sampling year (Photo 3-1). Due to these factors, it is very difficult and inaccurate to estimate age based on length alone. It is notable that retrieval of CWTs requires sacrificing the fish; therefore, fish ages cannot be determined prior to dissection. In 2025, the CWT recovery rate was 87%.



Photo 3-1: Example of Size Variety between Hatchery Fish Before Stocking

Brook trout from whom a CWT could not be recovered have an unknown age. Determining the age from aging structures taken has been shown to be unreliable historically because of temperature fluctuations during hatchery rearing (WorleyParsons 2015). In 2025, only one untagged brook trout had aging structures taken and was submitted for analysis due to its large size.

Table 3-2: Number of Brook Trout Captured per Age Class during the 2025 FTMP

Age Class	Chrystina Lake
1^+	13
2^+	7
3^+	6
4^+	1
5^+	0
Unknown	4
Total	31

3.2 Inorganic Analysis-Trace Metals

Metal concentrations in Chrystina Lake brook trout in 2025 have been compared with control fish from the hatchery, reference fish from Edith Lake, historical ranges within age classes, and applicable tissue residue quality criteria as described in Section 2.5.1 (Table 5). Raw data collected during the FTMP are also provided in Appendix C (Table C.1), and analytical results, including the laboratory-supplied quality control report, are provided in Appendix D.

Metal tissue concentrations outside of the historical range are summarized in Table 5. No new historical maxima were recorded in Chrystina Lake brook trout in 2025. All age classes captured within Chrystina Lake in 2025 recorded new historical minimums. These new historical minima include:

- 1^+ Age class: Calcium, Mercury, Phosphorus, Potassium.
- 2^+ Age class: Arsenic, Cobalt, Copper, Manganese, Zinc.
- 3^+ Age class: Manganese.
- 4^+ Age class: Chromium, Iron.

3.2.1 SETAC Threshold Exceedances

Average zinc concentrations in brook trout from Chrystina Lake, Edith Lake, and the hatchery are provided in Figure 8. Apart from the CHBKTR $2A^+$ sample, zinc concentrations in brook trout tissue continue to exceed the SETAC (1999) threshold in all age classes and the hatchery. This is the first time that zinc has not been exceeded in every age category since 2001. The hatchery fish continued to have exceedances in selenium and zinc, a trend that has also been consistent since the start of this program.

Although average aluminum concentrations in Chrystina Lake brook trout have previously exceeded the SETAC (1999) threshold, concentrations have been below the threshold since 2021 and remain low in 2025 (Figure 9).

3.2.2 Health Canada Maximum Levels

There are no tissue residue concentrations that exceed a Health Canada ML in 2025. Average arsenic, lead, and mercury concentrations in Chrystina Lake, Edith Lake and hatchery brook trout are provided in relation to the ML in Figure 10a, 10b, and 11, respectively. Arsenic and lead measurements are similar to previous years, and all concentrations remain well below the respective ML. Mercury has dropped in Chrystina Lake and is the lowest concentration since 2008 (Figure 11).

3.2.3 Metals Trends Analysis

Tissue residue concentrations for fourteen metals were assessed for increasing or decreasing trends in Chrystina Lake and the results are summarized in Table 6. The average concentrations of these variables (excluding zinc, aluminum, and mercury) in Chrystina Lake, Edith Lake, and hatchery brook trout since 2016 are presented in Figures 10a and 10b. The Mann-Kendall analysis determined that within Chrystina Lake brook trout, cobalt is significantly increasing whereas mercury, iron, and chromium have decreasing trends (Table 6). There are no tissue quality criteria for cobalt and concentrations in Chrystina Lake are below those observed in Edith Lake suggesting that this trend does not an imminent risk. Further analysis of the potentially increasing trend for cobalt was not included in 2025 but may be necessary in the future should this trend continue over time.

3.3 Organic Analyses-PCBs, Dioxins, and Furans

Total PCB concentrations (lw and ww) of samples analyzed during the 2025 FTMP are compared with historical data collected since 2006 and applicable criteria in Figure 12 and Table 7. It is notable that historical PCB concentrations presented in Figure 12 are based on PCB_{Lab} concentrations, while PCB_{Model} concentrations are used to show concentrations measured in 2025. Where duplicate samples were analyzed for a single sample, the average PCB concentration is presented in Figure 12. Concentrations of individual PCB congeners and coelutions measured during the FTMP from 2006 to 2025 are provided along with total PCB concentrations in Table C.2 (Appendix C). Laboratory reports with results for the samples analyzed for the 2025 FTMP are also provided in Appendix D.

3.3.1 PCB Analysis

Total PCB concentrations in Chrystina Lake brook trout remain below the unrestricted consumption guideline for the Great Lakes in all age classes in 2025 (Figure 12). In general, total PCB concentrations in each age class were relatively low compared with historical data and were below the historical average for each age class. Although total PCB concentrations remain relatively low in 2025, the total PCBs are highly variable within age classes with multiple samples. For example, one of the 2^+ year-old composite samples has a total PCB concentration close to that observed for hatchery brook trout and 1^+ year-olds measured in 2025. Similar results were documented within the 3^+ year-old age class (Table 7). Notably, the parent and duplicate analyses of the CHBKTR $3A^+$ sample differ substantially suggesting that at least some of this variability within age classes could be caused by heterogeneity of the tissue samples used during analysis (Appendix B).

Total PCB_{Lipid} concentrations of Chrystina Lake brook trout in 2025 slightly increased in all age classes from 2024, except for the 4^+ year-old age class which decreased since last captured in 2021 (Table 7). Despite this increase, most PCB_{Lipid} concentrations in 2025 remained below the average concentration for each respective age class (Figure 12). The variability within the 2^+ and 3^+ year-old age class was also documented following lipid correction suggesting that the previously noted variability is not related to differences in lipid content between samples.

Using the MK trend analysis, the ww total PCB concentrations in Chrystina Lake brook trout continue to decrease significantly, whereas total PCB_{Lipid} also continues to decrease but this downward trend is not statistically significant (Table 6). The total PCB concentrations in Edith Lake brook trout on a ww and lw basis have been decreasing significantly since 2014 suggesting a stronger downward trend in this lake compared with Chrystina Lake.

Total PCB concentrations on a ww basis since 2014 are presented in Figure 3-1. Average concentrations in Chrystina Lake and Edith Lake brook trout have been below the unrestricted consumption limit for the Great Lakes area since 2018. Linear regression of total PCB_{Lipid} concentrations was used to describe potential trends in more detail for each lake (Figure 13). Tissue residue concentrations were log-transformed to better fit a linear model for both lakes and a statistically significant decreasing trend for PCB_{Lipid} concentrations was present for Chrystina Lake brook trout (Linear Regression, slope = -0.075, intercept = 152, $F_{1,64}$ = 10.48, p = 0.002, R^2 = 0.13). Based on the linear regression, total PCB_{Lipid} concentrations have been decreasing faster in Edith Lake than in Chrystina Lake, and the decrease is more variable in Chrystina Lake (Linear Regression, slope = -0.166, intercept = 333, $F_{1,50}$ = 30.05, $p < 0.001$, R^2 = 0.36). The R^2 for the linear regressions give a measure of how much variability within a dataset is explained by the regression. The relatively low R^2 values for both lakes indicate that although PCB_{Lipid} concentrations are decreasing, the concentrations over time remain variable. It is notable that all PCB_{Lipid} concentrations presented in Figure 13 and Figure 3-1 are based on modelled PCB concentrations that were calculated based on the relationship presented in Figure 2-2.

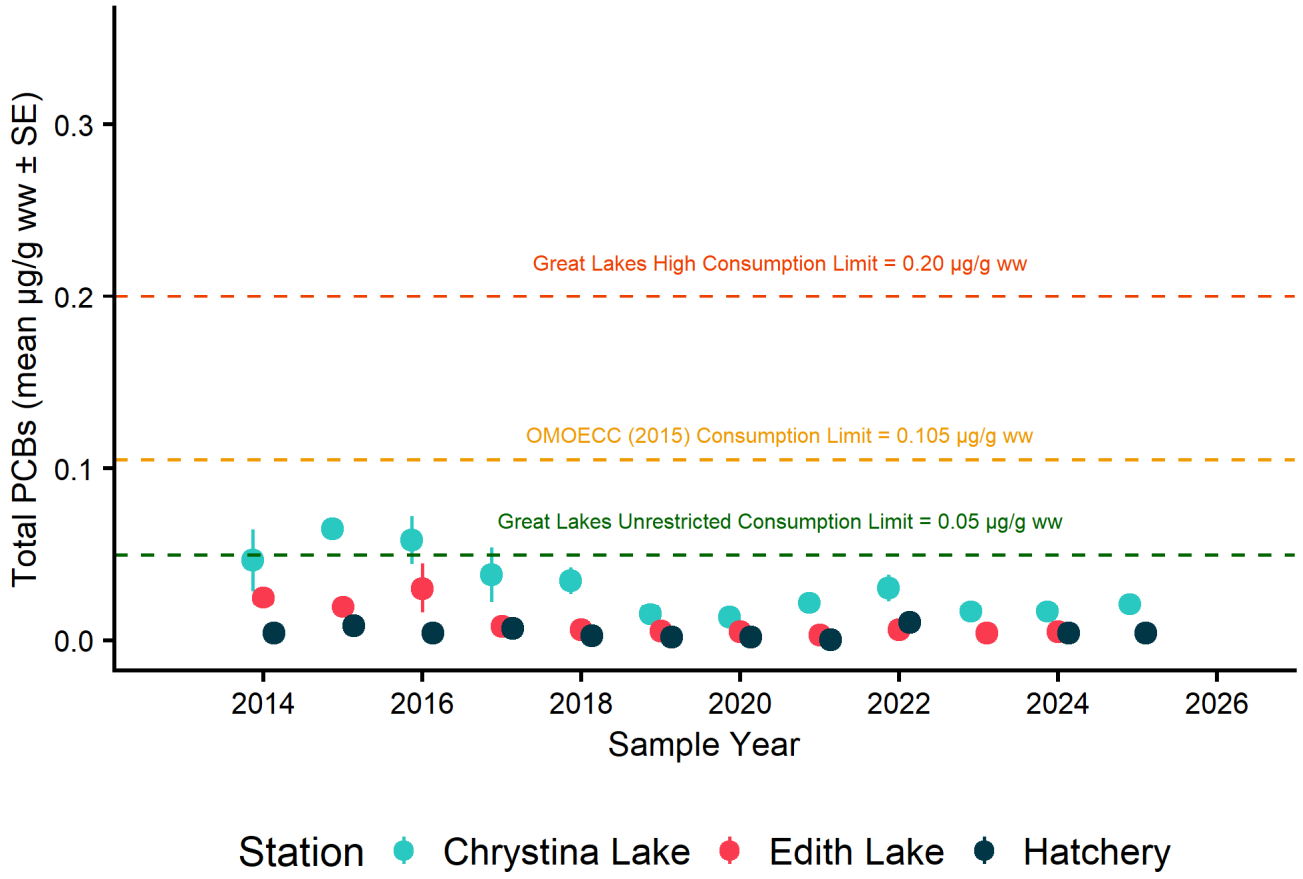


Figure 3-1: Historical Analysis of PCB Model Concentrations from 2014-2025

3.3.1.1 Dioxin-Like PCBs

A summary of dioxin-like PCB concentrations and TEQ calculations from 2006 to 2025 is provided in Appendix C (Table C.3). Dioxin-like PCB concentrations in Chrystina Lake brook trout in 2025 are compared with the CCME (2001a) guideline for TEQ_{PCB}, historical ranges, and Edith Lake reference fish in Table 8. It is well documented that Chrystina Lake brook trout TEQs are driven mainly by dioxin-like PCBs, given that dioxin and furan concentrations are typically near detection limits (Section 3.3.2).

Four samples (CHBKTR3A$^+$ and its duplicate, CHBKTR2B$^+$ and the CHBKTR Unk) were above the CCME (2001a) guideline. The other samples from the 2$^+$ and 3$^+$ year-old age class (CHBKTR2A$^+$ and CHBKTR3B$^+$) presented the lowest value since 2017 and 2012, respectively. All other results from the TEQ_{PCB} analysis for the 2025 FTMP are lower than what was presented in the 2024 data in Chrystina Lake and were reporting below the CCME (2001a) guidelines. The individual analyzed in the 4$^+$ year-old age class had a value of 0.3341 ng TEQ/g ww, which is the lowest value for this age class in recorded history (Table 8).

New historical minima were recorded in Chrystina Lake in 2025 and only one historical maxima was recorded for PCB 81 in the CHBKTR3A^{+} sample and its duplicate (Table 8). All age classes captured within Chrystina Lake in 2025 recorded new historical minima, including:

- 1^{+} Age class: Dioxin-like PCBs 123 and 169.
- 2A^{+} Age class: Dioxin-like PCBs 105, 118, 123, 156, 167, 189.
- 2B^{+} Age class: Dioxin-like PCB 169.
- 3B^{+} Age class: Dioxin-like PCBs 123, 156, 167.
- 4^{+} Age class: Dioxin-like PCB 77, 123, Total PCB.

3.3.2 Dioxins and Furans

Historical dioxin and furan concentrations collected during the FTMP are summarized in Appendix C (Tables C.4 and C.5). Dioxin and furan concentrations in samples analyzed in 2025 are provided along with calculated TEQ values in Table 9. As seen consistently throughout this program's history, tissue concentrations for dioxins and furans continue to be primarily below detection in 2025. Given the typically low concentrations of dioxins and furans, most comparisons to the CCME (2001b) guideline, historical ranges, and reference brook trout are based on the overall total TEQ (Section 3.3.3).

Dioxin/furan based TEQ ($TEQ_{Dx/F}$) concentrations for both lakes continue to be below historical maxima, although all age classes within Chrystina Lake continued to have slightly increased concentrations when compared to 2023 and 2024. The only age class that did not increase year-over-year was the 1^{+} year-olds (Table 10). Despite the increases, all $TEQ_{Dx/F}$ concentrations in 2025 remain below the CCME (2001b) guideline.

3.3.3 Toxic Equivalency

The 2025 total TEQs in Chrystina Lake brook trout are compared with historical ranges, CCME (2001b) guidelines, hatchery control fish and Edith Lake reference fish in Table 9. Historical total TEQ, TEQ_{PCB}, and $TEQ_{Dx/F}$ values are summarized alongside 2025 Chrystina Lake brook trout concentrations in Table 10. In addition, total TEQs of brook trout analyzed in 2025 are compared visually with historical ranges, Edith Lake and hatchery brook trout, and applicable tissue quality criteria in Figure 14. Temporal changes to average TEQ for brook trout from Chrystina and Edith lakes since 2013 are provided in Figure 15. The total TEQ is assessed on a ww and lw basis in Figures 14 and 15 to assist with comparisons between toxicity measured in brook trout near the facility with TRBs and the CCME (2001b) guideline. It is important to note that the y-axis of the lipid normalized TEQ plot in Figure 15 has been log transformed to show how linear regression models fit to the total TEQ trends in Chrystina and Edith lakes.

Total TEQs for the CHBKTR2B^{+}, CHBKTR3A^{+}, CHBKTR UNK samples exceeded both the CCME guideline and TRB99 criterion in Chrystina Lake. The age classes that did not exceed guidelines are all below the TEQs measured in 2024. The TEQ trend data presented in Figure 15 indicates that the average toxicity from PCBs, dioxins, and furans in brook trout sampled during the FTMP increased in Chrystina Lake and decreased in hatchery fish when compared with 2024.

Lipid normalized total TEQ (TEQ_{Lipid}) concentrations in Chrystina Lake brook trout were within the historical range although CHBKTR2B^{+}, CHBKTR3A^{+}, its duplicate, and CHBKTR UNK were above the TRB99 threshold in 2025. This is the most conservative TRB that is protective of 99% of fish species. According to the MK analysis completed, the total TEQ is still decreasing in Chrystina Lake on a ww and lw basis, but this decrease is not statistically significant (Table 6). Linear regression of the TEQ_{Lipid} were similar to those documented for total PCB. In Chrystina Lake, there is evidence TEQ_{Lipid} concentrations are decreasing but the p-value did not meet the criteria used ($p<0.05$) to determine a statistically significant trend (Linear Regression, slope = -0.041, intercept = 79, $F_{1,64}$ = 3.794, p = 0.056, R^2 = 0.04). Alternatively, the decreasing TEQ_{Lipid} trend observed in Edith Lake is statistically significant (Linear Regression, slope = -0.079, intercept = 154, $F_{1,50}$ = 6.733, p = 0.012, R^2 = 0.10). Similar to the trends observed in PCBs, Edith Lake is decreasing at a faster rate than Chrystina Lake; however, this decrease does not follow a consistent linear pattern given the limited R2 values for each regression.

3.3.4 Accumulation of PCBs in Fish Tissue

Chrystina Lake brook trout tissue concentrations in 2025 extended the reconstructed life histories of the 2021 and 2022 cohorts. Results for PCB 118 and 153 are presented, given that they consistently accumulate in Chrystina Lake brook trout and are unaffected by EMPC values or non-detections.

Trends in brook trout tissue from Chrystina Lake for the 12 cohorts presented appear as straight lines because concentrations are on a logarithmic scale (Figure 16; Plot A). Fitted lines are either green or blue: the former indicates a slope that is significantly different from zero, and the latter a slope that is not. Data are inherently noisy, which is why some green and blue lines appear to have similar slopes; a non-zero slope may not be significant if the residual variability is too large. Each line in Figure 16 (Plot A) has a slope that may be interpreted as the rate of PCB accumulation in tissue for each cohort (even if relationships are noisy enough to cloud their statistical significance). Slopes for successive cohorts can be plotted to examine the rate of PCB accumulation in tissue over time (Figure 17; Plot A). As with depictions of PCB accumulation trends in Figure 16, the lines in Figure 17 are blue if they are suggestive but not statistically significant given residual variability, and the lines are green if the relationship is statistically different from zero. If the slope parameter for a cohort is negative, it is replaced by a value of zero for comparison with other cohorts, given that PCBs are not anticipated to decrease in tissue as fish age, and the negative slope is most likely caused by natural variability.

Within Chrystina Lake, the accumulation rates for PCB 118 continued decreasing with PCB 153 increasing (Figure 17). Since the 2018 cohort, the slope parameter estimating the rate of PCB accumulation has been elevated compared with previous cohorts. This includes a steeper slope with the expansion of the 2021 cohort data in both lakes. The slope for PCB 153 had similar trends compared with PCB 118 in both lakes (Figure 17). There is no statistically significant relationship between the rate of accumulation over time for either of these tracking congeners suggesting that PCB accumulation in both lakes has reached an equilibrium and rates of PCB accumulation are indicative of natural variability.

With the capture of the 4+ year old in 2025, the 2021 cohort was able to be extended past 3^{+} year-olds in Chrystina Lake. Despite relatively high accumulation rates the PCB concentrations overall continue to be near or below regulatory guidelines. This rate of accumulation in the 2021 cohort may also be influenced by the historically low PCB concentration measured in the hatchery fish in 2021.

4. Summary of 2025 Monitoring

Following recommendations from the 2024 FTMP, Edith Lake has transitioned into a biannual sampling pattern and was not sampled in 2025. At time of writing this report, no heads have been submitted for the fish head collection program. Conversations are being held to brainstorm ideas on how to encourage public engagement with the program.

The mean fork length of fish captured within Chrystina Lake rose to 305 mm, which is closer to the averages seen in 2022 and 2023. Even though mean FL rose, mean fish condition in Chrystina Lake dropped to 1.15, which is the lowest average seen since 2017. Although no fish were captured in the white fyke net historically trialed during the FTMP, the CPUE for a larger black fyke net was high and provided a suitable method for reducing mortality of non-target fish. For example, white suckers not retained for analysis could be released and brook trout could be checked for a CWT and those of similar size could be released to target more large individuals. Although, no 5+ year old brook trout were captured, a 4^{+} year-old was caught for the first time since 2021 and this extended the 2021 cohort data.

In Chrystina Lake, zinc concentrations continue to exceed the SETAC (1999) threshold within all age classes. Notably, one historical minimum with a concentration below the SETAC (1999) threshold was documented in the 2^{+} year-old age class. Arsenic, calcium, chromium, cobalt, copper, iron, manganese, mercury, phosphorus, potassium, and zinc all had new historical minima in at least one age class. No other metal concentrations exceeded guidelines, thresholds, or presented new historical maxima in Chrystina Lake.

Total PCB_{Lipid} concentrations of Chrystina Lake brook trout increased slightly in all age classes except for the 4^{+} year-old age class which decreased since last captured in 2021. Notably, the total PCB concentrations within the 2^{+} and 3^{+} year-old age classes were variable with only one of the two composite samples in each age class being elevated compared with 2024. Despite high variability over time, the total PCB concentrations in Chrystina Lake edible brook trout tissue continued to have decreasing trends. All age classes remain below the unrestricted consumption guideline for the Great Lakes and either near or below the CCME guidelines. The concentration of dioxin-like PCB 81 was the only new historical maximum in 2025, while several historical minima were documented in each of the age classes measured in 2025.

Total TEQ_{Lipid} concentrations in Chrystina Lake brook trout were within the historical range although CHBKTR2B+, CHBKTR3A+, its duplicate, and CHBKTR UNK were above the TRB99 threshold analyzed in 2025.

5. Monitoring Recommendations

It is well-established that brook trout within Chrystina Lake are larger and have a more diverse diet compared with brook trout from Edith Lake. This, coupled with a wide size range within age classes because of high competition during hatchery rearing, makes it difficult to estimate age based on length.

- It is recommended that the CWT program continue in 2026 following methods previously used for the FTMP.

Challenges with obtaining older (>3^{+} year-olds) brook trout for the reconstructed life history analysis continue in Chrystina Lake. To address this:

- It is recommended to continue using the large black fyke net to supplement gill netting so that more brook trout can be selectively chosen for analysis. A live well will continue to be used so that captured fish can be kept safely while the age distribution is determined on-site. If possible, select CWTs will be reviewed on site to determine age of larger fish at the time of sampling.

As part of the extended 2024 program, signage has been developed and installed in the recreational areas of each lake. At time of writing this report, no heads have been submitted.

- It is recommended that public engagement continue to promote this initiative and conversations are held to brainstorm ideas on how to encourage public engagement with the program.

In 2024 when it was decided to move Edith Lake to a biannual sampling program. This lake was not sampled in 2025 and instead will be visited again in 2026. Provided findings in Edith Lake remain consistent with historical data, this lake will continue to be sampled on a biannual basis.

Congener-specific analysis of all 209 congeners since 2006 has resulted in a robust dataset showing congener-profiles within brook trout from the FTMP. In 2025 analyses switched focus to the ICES-7 marker PCBs. In 2025, the results between the subset concentrations and those for two samples measured using the congener-specific method were similar, and modelled PCB concentrations based on the ICES-7 were similar to those reported by the lab since 2013.

- It is recommended that the 2026 FTMP continue to use analytical methods providing concentrations for the ICES-7 subset congeners and 12 dioxin-like PCBs to enable more cost-effective monitoring.

A 2022 review of TEFs for dioxins and dioxin-like compounds by the WHO was released in 2024 and Health Canada exposure limits that support the HHRA are now based on these new TEF values.

- It is recommended that the 2026 FTMP includes a review of TEQs using both the 2005 and 2024 TEF values for dioxins and dioxin-like compounds measured during the FTMP to determine how these changes alter the TEQs measured in brook trout edible tissue.

6. Closure

We trust that this report satisfies your current requirements and provides suitable documentation for your records. If you have any questions or require further details, please contact the undersigned at any time.

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Tables

Table 1

Analytical Schedule For Brook Trout Tissue Residue Analysis of 2025 Samples

Project No.: 217085-56230

Trace Metals	Polychlorinated Biphenyls (PCBs)	Dibenzo-ρ-dioxins and Dibenzofurans
Aluminum	**Total PCBs[1]**	2,3,7,8-TCDD
Antimony		1,2,3,7,8-PeCDD
Arsenic	**ICES-7 Marker PCBs + Dioxin-Like PCBs**	1,2,3,4,7,8-HxCDD
Barium	28, 52, 77, 81, 101, 105, 114, 118, 123, 126, 138, 153, 156, 157. 167, 169, 180, 189	1,2,3,6,7,8-HxCDD
Beryllium		1,2,3,7,8,9-HxCDD
Cadmium	**Congener Specific PCBs[2]**	1,2,3,4,6,7,8-HpCDD
Calcium	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12/13, 14, 15, 16, 17, 18/30, 19, 20/28, 21/33,	OCDD
Chromium	22, 23, 24, 25, 26/29, 27, 31, 32, 34, 35, 36, 37, 38, 39, 40/41/71, 42	
Cobalt	43, 44/47/65, 45/51, 46, 48, 49/69, 50/53, 52, 54, 55, 56, 57, 58, 59/62/75,	2,3,7,8-TeCDF
Copper	60, 61/70/74/76, 63, 64, 66, 67, 68, 72, 73, 77, 78, 79, 80, 81, 82, 83/99, 84	1,2,3,7,8-PeCDF
Iron	85/116/117/110/115, 86/87/97/109/119/125, 88/91, 89, 90/101/113, 92,	2,3,4,7,8-PeCDF
Lead	93/98/100/102, 94, 95, 96, 103, 104, 105, 106, 107, 108/124, 111, 112, 114, 118	1,2,3,4,7,8-HxCDF
Magnesium	120, 121, 122, 123, 126, 127, 128/166,129/138/163,	1,2,3,6,7,8-HxCDF
Manganese	130, 131, 132, 133, 134/143, 135/151, 136, 137/164, 139/140, 141, 142	1,2,3,7,8,9-HxCDF
Mercury	144, 145, 146, 147/149, 148, 150, 152, 153/168, 154, 155, 156/157, 158,	2,3,4,6,7,8-HxCDF
Molybdenum	159, 160, 161, 162, 165, 167, 169, 170, 171/173, 172, 174, 175	1,2,3,4,6,7,8-HpCDF
Nickel	176, 177, 178, 179, 180/193, 181, 182, 183, 184, 185, 186, 187, 188, 189,	1,2,3,4,7,8,9-HpCDF
Phosphorus	190, 191, 192, 194, 195, 196, 197, 198/199, 200, 201, 202, 203, 204	OCDF
Potassium	205, 206, 207, 208, 209	
Selenium		
Silver	**Lipid Content**	
Sodium	**Moisture Content**	
Thallium		
Uranium		
Vanadium		
Zinc		

Notes: 1. Superscript 1 - Total PCBs are determined as the sum of the ICES-7 marker PCB concentrations measured in tissue samples
2. Superscript 2- Two samples were run using this analysis in 2025 for Quality Assurance and Quality Control purposes

Table 2

Fish Tissue Guidelines

Project #: 217085-56230

Parameter	Units	SETAC (1999) Threshold[1]	GOA (2018)[2]	Health Canada Maximum Levels[3]	CCME (2001) Tissue Residue Guideline[4]	Great Lakes Sport Fish Advisory (1993)[5]	OMOECC (2015)[5]	TEQ Tissue Residue Benchmarks (TRB)[6]
Aluminum	**mg/kg**	1.2	---	---	---	---	---	---
Antimony	**mg/kg**	5	---	---	---	---	---	---
Arsenic	**mg/kg**	2.6	---	3.5	---	---	---	---
Cadmium	**mg/kg**	0.02	---	---	---	---	---	---
Chromium	**mg/kg**	0.58	---	---	---	---	---	---
Copper	**mg/kg**	3.4	---	---	---	---	---	---
Lead	**mg/kg**	0.34	---	0.5	---	---	---	---
Mercury	**mg/kg**	0.7	---	0.5	---	---	---	---
Methyl mercury	**mg/kg**	3.4	---	---	---	---	---	---
Nickel	**mg/kg**	0.82	---	---	---	---	---	---
Selenium	**mg/kg**	0.25	4*	---	---	---	---	---
Zinc	**mg/kg**	4.5	---	---	---	---	---	---
2,3,7,8 - TCDD (Dioxin)	**pg/g**	---	---	20	---	---	---	---
Total PCBs	**µg/g**	---	---	(under review)	---	Unrestricted - 0.05 High - 0.20	0.105	---
PCB-Based TEQ (PCBs)	**pg TEQ/g ww**	---	---	---	0.79	---	---	---
Total TEQ (PCDDs and PCDFs)	**pg TEQ/g ww**	---	---	---	0.71	---	---	---
Total TEQ (PCDDs, PCDFs, PCBs)	**ng TEQ/g lw**	---	---	---	---	---	---	TRB99 - 0.057 TRB95 - 0.321 TRB90 - 0.699

Notes:
1. Superscript 1 - Society of Environmental Toxicology and Chemistry (SETAC), 1999. Jarvinen, A.W. and G.T. Ankley. 1998. *Linkage of Effects to Tissue Residues: Development of a Comprehensive Database for Aquatic Organisms. Exposed to Inorganic and Organic Chemicals*; Trace metals compiled in WorleyParsons 2010).
2. Superscript 2 - Government of Alberta. 2018. *Environmental Quality Guidelines for Alberta Surface Waters*. Water Policy Branch, AEP. Edmonton, Alberta.
3. Superscript 3 - Maximum Levels (ML) prescribed in the *List of Contaminants and Other Adulterating Substances in Foods* (Health Canada 2026) and the *List of Maximum Levels for Various Chemical Contaminants in Foods* (Health Canada 2026).
4. Superscript 4 - CCME Tissue Residue Guideline (2001) - CCME *Canadian Tissue Residue Guidelines for the Protection of wildlife Consumers of Aquatic Biota*, (CCME, 1999 and updated 2001).
5. Superscript 5 - Consumption advisory limits for total PCBs in the Great Lakes region including limits for unrestricted consumers (225 meals/year) and high frequency consumers (1 meal/week) from the *Protocol for a Uniform Great Lakes Sport Fish Consumption Advisory* (GLSFCATF 1993). Ontario consumption limit adopted from the *Guide to Eating Ontario Fish 2015-2016* (Ontario Ministry of the Environment and Climate Change [OMOECC] 2015).
6. Superscript 6 - Tissue Residue Benchmarks (TRB) calculated to protect 90% (TRB90), 95% (TRB95), and 99% (TRB99) of fish species present. Steevens et al 2005 *A Methodology for Deriving Tissue Residue Benchmarks for Aquatic Biota: A Case Study for Fish Exposed to TCDD and Equivalents.*
7. --- indicates no guideline or threshold.
8. * indicates the GOA (2018) guideline for selenium is an interim guideline based on the dry weight tissue concentration
9. Environments where both PCBs, polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) contribute significantly to TEQs in aquatic biota, it is recommended to use the Total Dioxin-Like TEQ guideline of 0.71 pg TEQ/g which is lower than the Total PCB TEQ guideline of 0.79 pg TEQ/g.

worley consulting

Table 3

Physical Parameters of Fish Obtained from Chrystina Lake and the Sam Livingston Hatchery in 2025

Project Number: 217085-56230

	Collection Date	Fish ID #	Age	Sample ID	Sample Type	Fork Length	Total Length	Weight	Fulton's Condition Factor	Stomach Contents	Comments
	(d/m/yr)					*(mm)*	*(mm)*	*(g)*			
Chrystina Lake (W 08-67-08 W5M)											
Brook Trout	**24-Sep-25**	**1**	3	CHBKTR 3A+	Composite	378	395	566.0	1.05	Aquatic invertebrates	
	24-Sep-25	**2**	3	CHBKTR 3B+	Composite	378	398	600.0	1.11	Empty	
	24-Sep-25	**3**	4	CHBKTR 4+	Individual	384	405	703.0	1.24	Empty	Dark coloration on liver. Noticably enlarged
	24-Sep-25	**4**	2	CHBKTR 2B+	Composite	344	368	457.0	1.12	Tape worm, Brook stickleback	
	24-Sep-25	**5**	---	---	Archived	326	336	393.0	1.13		
	24-Sep-25	**6**	3	CHBKTR 3A+	Composite	390	403	566.0	0.95		
	24-Sep-25	**7**	3	CHBKTR 3A+	Composite	331	341	372.0	1.03	Empty	
	24-Sep-25	**8**	2	CHBKTR 2A+	Composite	327	341	348.0	1.00	Aquatic invertebrates	
	24-Sep-25	**9**	2	---	Archived	316	331	327.0	1.04	Empty	
	25-Sep-25	**10**	---	---	Archived	356	363	452.0	1.00		no CWT present
	25-Sep-25	**11**	3	CHBKTR 3B+	Composite	368	382	540.0	1.08	Juvenile white sucker	
	25-Sep-25	**12**	---	CHBKTR UNK	Individual	372	389	513.0	1.00	Aquatic invertebrates, Brook stickleback	No tag detected in envelope during reading
	25-Sep-25	**13**	2	CHBKTR 2A+	Composite	369	378	603.0	1.20		
	25-Sep-25	**14**	3	CHBKTR 3B+	Composite	371	389	561.0	1.10		
	25-Sep-25	**15**	---	---	Archived	324	336	399.0	1.17	Aquatic invertebrates	
	25-Sep-25	**16**	2	CHBKTR 2A+	Composite	318	323	397.0	1.23		
	25-Sep-25	**17**	1	---	Archived	232	227	140.0	1.12	Juvenile white sucker and tape worm.	
	25-Sep-25	**18**	1	---	Archived	219	228	135.0	1.29	Empty	
	25-Sep-25	**19**	2	CHBKTR 2B+	Composite	320	331	383.0	1.17		
	25-Sep-25	**20**	1	---	Archived	246	256	191.0	1.28	Juvenile white sucker	
	25-Sep-25	**21**	2	CHBKTR 2B+	Composite	318	330	337.0	1.05	Empty	
	25-Sep-25	**22**	1	---	Archived	265	274	243.0	1.31		
	25-Sep-25	**23**	1	---	Archived	226	235	131.0	1.13	Juvenile white sucker	
	25-Sep-25	**24**	1	---	Archived	267	277	221.0	1.16	Empty	
	25-Sep-25	**25**	1	---	Archived	248	255	201.0	1.32		
	25-Sep-25	**26**	1	---	Archived	232	236	149.0	1.19	Juvenile white sucker	
	25-Sep-25	**27**	1	---	Archived	221	232	143.0	1.32		
	25-Sep-25	**28**	1	CHBKTR 1+	Composite	264	269	186.0	1.01	Empty	
	25-Sep-25	**29**	1	CHBKTR 1+	Composite	264	284	232.0	1.26		
	25-Sep-25	**30**	1	CHBKTR 1+	Composite	246	253	193.0	1.30		
	25-Sep-25	**31**	1	CHBKTR 1+	Composite	249	258	198.0	1.28		
Average						**305**	**317**	**351**	**1.15**		
White Sucker	**25-Sep-25**	**1**	---	---	Archived	211	228	114	1.21		
	25-Sep-25	**2**	---	---	Archived	260	280	171	0.97		
	25-Sep-25	**3**	---	---	Archived	281	305	227	1.02		
	25-Sep-25	**4**	---	---	Archived	275	295	220	1.06		
	25-Sep-25	**5**	---	---	Archived	227	294	218	1.86		
	25-Sep-25	**6**	---	---	Archived	215	230	121	1.22		
	25-Sep-25	**7**	---	---	Archived	220	235	123	1.16		
	25-Sep-25	**8**	---	---	Archived	315	338	263	0.84		
	25-Sep-25	**9**	---	---	Archived	270	292	276	1.40		

Physical Parameters of Fish Obtained from Chrystina Lake and the Sam Livingston Hatchery in 2025

Project Number: 217085-56230

	Collection Date	Fish ID #	Age	Sample ID	Sample Type	Fork Length	Total Length	Weight	Fulton's Condition Factor	Stomach Contents	Comments
	(d/m/yr)					*(mm)*	*(mm)*	*(g)*			
	25-Sep-25	**10**	---	---	Archived	285	311	311	1.34		
	25-Sep-25	**11**	---	---	Archived	310	335	361	1.21		
	25-Sep-25	**12**	---	---	Archived	260	283	188	1.07		
	25-Sep-25	**13**	---	---	Archived	275	295	218	1.05		
	25-Sep-25	**14**	---	---	Archived	274	294	205	1.00		
	25-Sep-25	**15**	---	---	Archived	318	341	395	1.23		
Average						**266**	**290**	**227**	**1.18**		
Hatchery Fish : Sam Livingston Fish Hatchery, Calgary AB											
Brook Trout	**25-Sep-25**	**1**	0	HATCH	Composite	115	120	23	1.51		
	25-Sep-25	**2**	0	HATCH	Composite	115	120	20	1.32		
	25-Sep-25	**3**	0	HATCH	Composite	100	108	14	1.40		
	25-Sep-25	**4**	0	HATCH	Composite	114	118	18	1.21		
	25-Sep-25	**5**	0	HATCH	Composite	103	108	15	1.37		
	25-Sep-25	**6**	0	HATCH	Composite	104	109	14	1.24		
	25-Sep-25	**7**	0	HATCH	Composite	104	109	13	1.16		
	25-Sep-25	**8**	0	HATCH	Composite	105	107	15	1.30		
	25-Sep-25	**9**	0	HATCH	Composite	94	98	11	1.32		
	25-Sep-25	**10**	0	HATCH	Composite	120	125	27	1.56		
Average						**107**	**112**	**17**	**1.34**		

Notes:
1. --- indicates parameter not analysed.
2. Archived fish were not sent for laboratory analysis and have been stored for potential future use.
3. Sample ID - Refers to the laboratory analysis identifier used for each sample during chemical analysis.
4. Reported fish age is based on the year each fish was stocked as determined by coded wire tag (CWT) retrieval

Table 4

Toxicity Equivalence Factors for Polychlorinated Dibenzodioxin, Polychlorinated Dibenzofuran and Coplanar Polychlorinated Biphenyl Congeners

Project Number: 217085-56230

Congener	WHO Toxicity Equivalence Factor - Mammals [1]
Coplanar ("Dioxin-Like") PCB Congeners	
Non-ortho Substituted	
77	0.0001
81	0.0003
126	0.1
169	0.03
Mono-ortho Substituted	
105	0.00003
114	0.00003
118	0.00003
123	0.00003
156	0.00003
157	0.00003
167	0.00003
189	0.00003
Dioxin Congeners	
2,3,7,8-TCDD	1
1,2,3,7,8-PeCDD	1
1,2,3,4,7,8-HxCDD	0.1
1,2,3,6,7,8-HxCDD	0.1
1,2,3,7,8,9-HxCDD	0.1
1,2,3,4,6,7,8-HpCDD	0.01
OCDD	0.0003
Furan Congeners	
2,3,7,8-TCDF	0.1
1,2,3,7,8-PeCDF	0.03
2,3,4,7,8-PeCDF	0.3
1,2,3,4,7,8-HxCDF	0.1
1,2,3,6,7,8-HxCDF	0.1
1,2,3,7,8,9-HxCDF	0.1
2,3,4,6,7,8-HxCDF	0.1
1,2,3,4,6,7,8-HpCDF	0.01
1,2,3,4,7,8,9-HpCDF	0.01
OCDF	0.0003

NOTE:

PCDD/PCDF and Coplanar PCB toxicity equivalent is determined by multiplying the measured concentration by the corresponding toxicity factor.

1. 2006 World Health Organization - Re-evaluation of Human and Mammalian TEFs for Dioxins and Dioxin-like Compounds (Van den Berg et al.)

worley consulting

Table 5

PROJECT NO.: 217085-56230

Trace Metal Concentrations in Fish Tissue: 2025 Historical Comparisons

Trace Metal	Units	Guidelines		Hatch	Chrystina Lake Brook Trout Age Class 1+						Chrystina Lake Brook Trout Age Class 2+							Chrystina Lake Brook Trout Age Class 3+					
					Historical (1985 - 2024)						Historical (1985 - 2024)							Historical (1985 - 2024)					
		Health Canada (2020a, 2020b)	SETAC 1999	2025	Minimum	Mean	Maximum	Total Count	% Detections	2025	Minimum	Mean	Maximum	Total Count	% Detections	A 2025	B 2025	Minimum	Mean	Maximum	Total Count	% Detections	A 2025
Aluminum	(mg/kg)	---	1.2	0.52	< 0.2	37.64	320.0	22	82	0.79	<0.2	10.5	160.0	34	79	<0.40	<0.40	<0.2	5.4	100.0	39	67	<0.40
Antimony	(mg/kg)	---	5	0.0086	< 0.001	---	1.000	22	9	<0.0020	<0.001	---	1.000	34	6	<0.0020	<0.0020	<0.001	---	1.180	39	18	<0.0020
Arsenic	(mg/kg)	3.5	2.6	0.436	< 0.01	0.19	1	22	82	0.0576	< 0.01	0.12	1	34	68	***0.006***	0.0192	0.0077	0.1665	1.9	39	74	0.0506
Barium	(mg/kg)	---	---	0.093	0.1	1.80	12	22	91	0.211	<0.01	1.58	32	34	85	0.071	0.099	< 0.03	1.05	15	39	87	0.62
Beryllium	(mg/kg)	---	---	<0.0020	< 0.001	---	0.4	22	5	<0.0020	< 0.001	---	0.6	34	9	<0.0020	<0.0020	< 0.001	---	1	39	8	<0.0020
Boron	(mg/kg)	---	---	<0.20	< 0.2	---	<5	22	0	<0.20	<0.01	---	5	34	15	<0.20	<0.20	< 0.2	---	3	39	10	<0.20
Cadmium	(mg/kg)	---	0.02	0.0015	< 0.001	---	0.7	22	18	<0.0010	< 0.001	---	0.2	34	6	<0.0010	<0.0010	< 0.001	---	0.8	39	10	<0.0010
Calcium	(mg/kg)	---	---	796	421	1009	3610	22	100	***408***	154	770	2850	32	100	249	248	139	680	2150	38	100	342
Chromium	(mg/kg)	---	0.58	<0.010	< 0.010	0.63	2.9	22	73	<0.010	< 0.010	0.703	7.23	34	79	<0.010	<0.010	< 0.010	0.595	5.85	39	77	<0.010
Cobalt	(mg/kg)	---	---	0.0055	0.004	0.2731	3.2	22	68	0.0043	0.0049	0.1836	2.4	34	71	***<0.0040***	0.0291	0.005	0.2467	2.6	39	82	0.0068
Copper	(mg/kg)	---	3.4	0.532	0.22	1.23	6.7	22	91	0.356	0.266	1.228	8.4	34	97	***0.207***	***0.258***	0.2	1.596	24.2	39	97	0.289
Iron	(mg/kg)	---	---	4.35	2.92	29.4	200	22	100	4.66	3	11.4	68	32	97	3.18	4.23	4	11.1	47	38	100	5.06
Lead	(mg/kg)	0.5	0.34	0.0084	< 0.002	0.54	7	22	73	0.0109	0.0012	---	1	34	44	0.0042	<0.0040	< 0.001	0.3725	3	39	59	0.0041
Magnesium	(mg/kg)	---	---	319	256	454	1320	22	100	278	195	410	1840	34	100	296	330	206	403	1300	39	100	294
Manganese	(mg/kg)	---	---	0.24	0.13	1.41	10	22	91	0.22	0.11	0.65	10	34	91	***<0.10***	0.12	0.1	0.67	10	39	87	***<0.10***
Mercury	(mg/kg)	0.5	0.7	0.0107	0.0336	0.0863	0.31	22	95	***0.0289***	0.04	0.1357	0.37	34	100	0.0932	0.0718	0.05	0.1885	0.95	39	97	0.0977
Molybdenum	(mg/kg)	---	---	0.0062	< 0.004	---	3.4	22	36	<0.0040	< 0.004	---	<1	34	26	<0.0040	<0.0040	< 0.004	---	2	39	21	<0.0040
Nickel	(mg/kg)	---	0.82	<0.040	< 0.01	---	5.3	22	32	<0.040	< 0.01	---	5.2	34	32	<0.040	<0.040	< 0.01	---	5.7	39	44	<0.040
Phosphorus	(mg/kg)	---	---	2720	2230	4198	12800	22	100	***2120***	2000	3795	15500	34	100	2280	2620	2120	3689	11500	39	100	2490
Potassium	(mg/kg)	---	---	3900	3670	6300	18900	22	100	***2960***	3440	6212	27900	32	100	3730	4410	3740	5893	19100	38	100	4130
Selenium	(mg/kg)	---	0.25	0.258	< 0.01	0.21	0.5	22	86	0.192	< 0.01	0.24	1.8	34	79	0.124	0.15	0.01	0.24	1.3	39	79	0.147
Silver	(mg/kg)	---	---	<0.0010	< 0.001	---	< 1	20	0	<0.0010	< 0.001	---	2.0	32	9	<0.0010	<0.0010	< 0.001	---	< 1	37	3	<0.0010
Sodium	(mg/kg)	---	---	628	335	661	2160	22	100	349	293	621	3190	32	100	345	486	269	604	2230	38	100	402
Thallium	(mg/kg)	---	---	0.00162	0.00162	0.0595	0.3	20	80	0.00163	0.0018	0.06258	0.3	31	71	0.00294	0.0028	0.00174	0.08362	1.4	37	76	0.00234
Uranium	(mg/kg)	---	---	<0.0040	< 0.0004	---	10	22	14	<0.0040	< 0.0004	---	< 50	31	6	<0.0040	<0.0040	< 0.0004	---	< 50	38	11	<0.0040
Vanadium	(mg/kg)	---	---	<0.020	< 0.02	---	2.1	22	9	<0.020	< 0.02	---	1.2	34	12	<0.020	<0.020	< 0.02	---	1.3	39	13	<0.020
Zinc	(mg/kg)	---	4.5	9.58	6.33	13.93	41.8	22	100	6.01	5.08	12.76	45.1	34	100	***4.24***	7.23	4.31	11.54	32.3	39	100	7.39

Notes

1. --- in guideline row(s) denotes no criteria for that parameter.
2. --- in detail data row(s) denotes parameter not analyzed.
3. For historical data sets with <49% detections, median value was not computed. For datasets with >50% detections, all values (including non-detects, at RDL) were used to compute mean.
4. Highlighting indicates parameters above applied guideline/criteria.
   - Maximum Levels (ML) prescribed in the *List of Contaminants and Other Adulterating Substances in Foods* (Health Canada 2020a) and the *List of Maximum Levels for Various Chemical Contaminants in Foods* (Health Canada 2020b).
   - (Society of Environmental Toxicology and Chemistry (SETAC), 1999. Jarvinen, A.W. and G.T. Ankley. 1999. Linkage of Effects to Tissue Residues: Development of a Comprehensive Database for Aquatic Organisms. Exposed to Inorganic and Organic Chemicals. Pensicola, FL.).
5. **Bold** text indicates that the measurement is above the previous historical maximum for the associated variable.
6. ***Italic*** font indicates that the measurement is below the previous historical minimum for the associated variable.

PROJECT NO.: 217085-56230

Trace Metal Concentrations in Fish Tissue: 2025 Historical Comparisons

Trace Metal	Units	Guidelines				Chrystina Lake Brook Trout Age Class 4+						Chrystina Lake Brook Trout All Age Classes					
						Historical (1987 - 2024)					2025	Historical (1987 - 2024)					Unk 2025
		Health Canada (2020a, 2020b)	SETAC 1999	A 2025 (DUP)	B 2025	Minimum	Mean	Maximum	Total Count	% Detections		Minimum	Mean	Maximum	Total Count	% Detections	
Aluminum	(mg/kg)	---	1.2	<0.40	<0.40	<0.2	3.6	13.0	20	60	<0.40	<0.2	15.42	320.0	165	67	0.4
Antimony	(mg/kg)	---	5	0.0049	<0.0020	<0.001	---	< 1	20	15	<0.0020	<0.001	---	1.180	165	10	<0.0020
Arsenic	(mg/kg)	3.5	2.6	0.0108	0.0323	0.0051	0.30098	3.6	20	50	0.006	<0.004	0.27	3.6	165	55	0.0074
Barium	(mg/kg)	---	---	0.119	0.9	<0.01	1.58	15	20	70	0.127	<0.01	2.04	32	165	70	0.132
Beryllium	(mg/kg)	---	---	<0.0020	<0.0020	< 0.001	---	0.7	20	10	<0.0020	<0.001	---	1.1	167	10	<0.0020
Boron	(mg/kg)	---	---	<0.20	<0.20	< 0.01	---	2	20	0	<0.20	<0.01	---	9	165	8	<0.20
Cadmium	(mg/kg)	---	0.02	<0.0010	<0.0010	< 0.001	---	0.3	20	5	<0.0010	<0.001	---	1	165	9	<0.0010
Calcium	(mg/kg)	---	---	309	555	280	533	1200	19	100	434	129	713	4480	161	100	330
Chromium	(mg/kg)	---	0.58	0.084	<0.010	< 0.04	0.632	3.3	20	75	***<0.010***	<0.01	0.66	7.23	165	66	<0.010
Cobalt	(mg/kg)	---	---	0.0097	0.0091	0.0044	0.3125	2	20	75	0.010	<0.004	0.38	3.2	165	61	0.0078
Copper	(mg/kg)	---	3.4	0.355	0.215	0.02	1.583	9.5	20	90	0.298	<0.02	1.629	24.2	167	84	0.273
Iron	(mg/kg)	---	---	5.78	4.16	5	11.5	41	19	95	***4.460***	2.92	15.2	200	161	90	4.27
Lead	(mg/kg)	0.5	0.34	0.0042	0.006	< 0.001	0.5183	3	20	55	0.004	0.001	---	8.2	165	47	<0.0040
Magnesium	(mg/kg)	---	---	270	316	275	447	1200	20	100	301	195	414	1840	167	100	298
Manganese	(mg/kg)	---	---	***<0.10***	0.11	< 0.08	0.73	< 10	20	75	0.120	0.075	1.56	<10	166	76	<0.10
Mercury	(mg/kg)	0.5	0.7	0.0958	0.0973	0.08	0.2541	0.81	20	100	0.159	0.0336	0.1746	0.95	165	96	0.0762
Molybdenum	(mg/kg)	---	---	<0.0040	<0.0040	< 0.004	---	1.1	20	30	<0.0040	<0.004	---	3.4	166	26	<0.0040
Nickel	(mg/kg)	---	0.82	<0.040	<0.040	< 0.01	2.1789	31.5	20	65	<0.040	<0.01	---	31.5	165	32	<0.040
Phosphorus	(mg/kg)	---	---	2380	2620	1990	3968	10300	20	100	2530	1700	3756	15500	167	100	2520
Potassium	(mg/kg)	---	---	3880	4090	3300	6637	17700	19	100	4030	3180	5990	27900	161	100	4070
Selenium	(mg/kg)	---	0.25	0.118	0.151	< 0.01	0.33	2	20	65	0.146	<0.01	0.34	2	165	65	0.141
Silver	(mg/kg)	---	---	<0.0010	<0.0010	< 0.001	---	1	20	10	<0.0010	<0.001	---	2	161	5	<0.0010
Sodium	(mg/kg)	---	---	388	378	366	684	1910	19	100	470	269	623	3190	161	100	362
Thallium	(mg/kg)	---	---	0.00207	0.00195	0.00185	0.07852	0.3	20	65	0.002	0.00142	0.09	1.4	157	60	0.00269
Uranium	(mg/kg)	---	---	<0.0040	<0.0040	< 0.0004	---	50	19	5	<0.0040	<0.0004	---	<50	156	7	<0.0040
Vanadium	(mg/kg)	---	---	<0.020	<0.020	< 0.02	---	1.1	20	20	<0.020	<0.02	---	2.1	167	13	<0.020
Zinc	(mg/kg)	---	4.5	5.42	4.63	4.75	10.94	24.5	20	100	5.90	4.31	12.28	50	167	93	6.41

Notes

1. --- in guideline row(s) denotes no criteria for that parameter.
2. --- in detail data row(s) denotes parameter not analyzed.
3. For historical data sets with <49% detections, median value was not computed. For datasets with >50% detections, all values (including non-detects, at RDL) were used to compute me
4. Highlighting indicates parameters above applied guideline/criteria.
   - Maximum Levels (ML) prescribed in the *List of Contaminants and Other Adulterating Substances in Foods* (Health Canada 2020a) and the *List of Maximum Levels for Various Chemical Contaminants in Foods* (Health Canada 2020b).
   - (Society of Environmental Toxicology and Chemistry (SETAC), 1999. Jarvinen, A.W. and G.T. Ankley. 1999. Linkage of Effects to Tissue Residues: Development of a Comprehensive Database for Aquatic Organisms. Exposed to Inorganic and Organic Chemicals. Pensicola, FL.).
5. **Bold** text indicates that the measurement is above the previous historical maximum for the associated variable.
6. ***Italic*** font indicates that the measurement is below the previous historical minimum for the associated variable.

Table 6

Fish Tissue Results: Mann Kendall Trend Analysis for Chrystina Lake (2010-2025) and Edith Lake (2010-2024)

PROJECT NO.: 217085-56230

Parameter	Units	Count	Std. Dev.	Mann Kendall Statistic	P-Value	Frequency of Detection (%)
Chrystina Lake						
Aluminum	mg/kg	11	0.71	-19	0.16	63
Arsenic	mg/kg	11	0.02	5	0.76	97
Barium	mg/kg	11	0.03	8	0.58	100
Chromium	mg/kg	11	0.12	-35	0.01	78
Cobalt	mg/kg	11	0.00	29	0.03	97
Copper	mg/kg	11	0.38	-9	0.53	100
Iron	mg/kg	11	1.23	-31	0.02	100
Lead	mg/kg	11	0.01	7	0.64	81
Manganese	mg/kg	11	0.06	5	0.76	95
Mercury	mg/kg	11	0.05	-29	0.03	100
Selenium	mg/kg	11	0.03	-25	0.06	100
Thallium	mg/kg	11	0.00	-3	0.88	100
Zinc	mg/kg	11	1.41	-23	0.09	100
Total PCBs (wet weight)[1]	µg/g	11	0.02	-27	0.04	---
Total PCBs (lipid normalized)[1]	µg/g	11	0.67	-23	0.09	---
Total TEQ (wet weight)	pg/g	11	0.56	-25	0.06	---
Total TEQ (lipid normalized)	ng/g	11	0.02	-15	0.28	---
Edith Lake [2]						
Aluminum	mg/kg	11	2.17	-7	0.64	76
Arsenic	mg/kg	11	0.02	25	0.06	88
Barium	mg/kg	11	0.06	-11	0.44	100
Chromium	mg/kg	11	0.19	-9	0.53	98
Cobalt	mg/kg	11	0.01	3	0.88	96
Copper	mg/kg	11	0.05	7	0.64	100
Iron	mg/kg	11	1.64	-37	0.01	100
Lead	mg/kg	11	0.01	17	0.21	82
Manganese	mg/kg	11	0.86	-13	0.35	100
Mercury	mg/kg	11	0.04	-7	0.64	100
Selenium	mg/kg	11	0.03	-5	0.76	100
Thallium	mg/kg	11	0.00	-15	0.28	100
Zinc	mg/kg	11	1.27	-29	0.03	100
Total PCBs (wet weight)[1]	µg/g	11	0.01	-37	0.01	---
Total PCBs (lipid normalized)[1]	µg/g	11	0.35	-37	0.01	---
Total TEQ (wet weight)	pg/g	11	0.40	-21	0.12	---
Total TEQ (lipid normalized)	ng/g	11	0.01	-15	0.28	---

Notes: 1. Parameters with <50% frequency of detection are not shown

2. Highlighting indicates a significant (α=0.05) trend based on average annual concentrations

3. --- indicates associated parameter is calculated totals from polychlorinated biphenyls (PCBs), dioxins, and furans with varying detection limits and percent detections. Refer to TEQ calculation section for details.

Table 7

Total PCB Concentrations in Fish Tissue: Chrystina Lake and Edith Lake (2006-2025)

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Fish	LIPID CONTENT (%)	Total PCB_{Lipid} (µg/g lw)	Total PCB (Reported) (µg/g ww)	Total PCB (Modelled) (µg/g ww)
Health Canada 2020a [#1]			---	---	**2.000**	**2.000**
OMOECC 2015			---	---	**0.105**	**0.105**
Great Lakes Unrestricted Consumption Advisory			---	---	**0.050**	**0.050**
Great Lakes High Consumption Advisory			---	---	**0.200**	**0.200**
Hatchery						
Brook Trout 0+	04-Oct-2006	10	3.9	0.14	0.006	---
	11-Sep-2007	10	5.0	0.09	0.005	---
	23-Jul-2008	10	5.5	0.05	0.003	---
	11-Aug-2009	10	5.5	0.06	0.003	---
	11-Aug-2010	10	3.2	0.09	0.003	---
	01-Sep-2011	10	9.6	0.07	0.007	---
	01-Sep-2012	10	6.5	0.09	0.006	---
	01-Sep-2013	10	4.9	0.18	0.009	0.0066
	21-Sep-2014	12	5.5	0.09	0.005	0.0039
	22-Sep-2015	11	3.9	0.25	0.010	0.0081
	30-Aug-2016	10	3.4	0.15	0.005	0.0042
	30-Aug-2018	10	4.5	0.06	0.003	0.0024
	06-Sep-2019	10	3.9	0.05	0.002	0.0017
	26-Aug-2020	11	3.7	0.05	0.002	0.0018
	30-Sep-2021	10	4.9	0.01	0.0004	0.0003
	13-Oct-2022	10	3.9	0.27	0.011	0.0103
	15-Aug-2024	6	7.0	0.05	0.004	0.0039
	24-Sep-2025	10	5.0	0.08	*0.001*	0.0040
Chrystina Lake						
Brook Trout 1+	11-Aug-2009	8	3.4	0.27	0.009	---
	01-Sep-2011	5	1.8	0.67	0.012	---
	01-Sep-2012	4	4.0	0.87	0.035	---
(Replicate A)	01-Sep-2013	1	1.5	0.48	0.007	---
(Replicate B)	01-Sep-2013	1	2.1	0.38	0.008	---
	23-Sep-2015	1	2.8	3.28	**0.091**	0.0813
	31-Aug-2016	2	2.1	0.54	0.011	0.0103
	12-Sep-2017	3	2.0	0.45	0.009	0.0086
	29-Aug-2018	3	2.8	0.27	0.008	0.0069
(Replicate A)	05-Sep-2019	4	1.7	0.50	0.009	0.0078
(Replicate B)	05-Sep-2019	4	2.1	0.46	0.010	0.0085
	25-Aug-2020	7	2.5	0.33	0.008	0.0079
	29-Sep-2021	8	3.0	0.81	0.024	0.0214
(Duplicate)	29-Sep-2021	8	---	---	0.024	---
	12-Oct-2022	8	1.0	1.02	0.010	0.0097
	13-Sep-2023	5	1.5	0.39	0.006	0.0060
	14-Aug-2024	5	3.40	0.18	0.006	0.0063
(Lab Duplicate)	14-Aug-2024	5	3.40	0.27	0.009	---
	24-Sep-2025	4	1.74	0.48	*0.003*	0.0084
Brook Trout 2+	11-Aug-2009	3	2.9	1.29	0.037	---
	11-Aug-2010	5	2.5	2.40	**0.060**	---
	12-Aug-2010	3	1.8	7.17	**0.129**	---
	01-Sep-2011	4	2.9	12.55	**0.364**	---
(Duplicate)	01-Sep-2011	4	4.8	9.60	**0.461**	---
	01-Sep-2012	4	2.4	1.18	0.028	---

Table 7
Total PCB Concentrations in Fish Tissue: Chrystina Lake and Edith Lake (2006-2025)

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Fish	LIPID CONTENT (%)	Total PCB_{Lipid} (µg/g lw)	Total PCB (Reported) (µg/g ww)	Total PCB (Modelled) (µg/g ww)
Health Canada 2020a [#1]			---	---	**2.000**	**2.000**
OMOECC 2015			---	---	**0.105**	**0.105**
Great Lakes Unrestricted Consumption Advisory			---	---	**0.050**	**0.050**
Great Lakes High Consumption Advisory			---	---	**0.200**	**0.200**
Chrystina Lake - Continued						
	01-Sep-2013	4	2.5	1.57	0.040	0.0380
	22-Sep-2014	4	3.2	1.20	0.039	0.0381
(Replicate A)	22-Sep-2014	1	1.6	0.91	0.015	0.0136
(Replicate B)	22-Sep-2014	1	3.9	0.42	0.017	0.0160
	23-Sep-2015	4	2.3	2.57	**0.058**	0.0563
	31-Aug-2016	2	2.8	1.84	**0.052**	0.0531
	12-Sep-2017	3	2.2	0.88	0.019	0.0197
(Replicate A)	12-Sep-2017	1	2.0	0.75	0.015	0.0162
	29-Aug-2018	3	3.2	0.91	0.029	0.0294
(Replicate A)	05-Sep-2019	4	3.2	0.47	0.015	0.0149
(Replicate B)	05-Sep-2019	4	3.8	0.45	0.017	0.0172
(Replicate A)	25-Aug-2020	7	3.8	0.46	0.017	0.0180
(Replicate B)	25-Aug-2020	7	2.5	0.60	0.015	0.0148
	29-Sep-2021	10	3.6	0.69	0.025	0.0236
	12-Oct-2022	9	2.1	2.24	0.046	0.0443
	13-Sep-2023	5	2.3	0.59	0.013	0.0147
	14-Aug-2024	5	3.28	0.42	0.014	0.0140
(Replicate A)	24-Sep-2025	3	1.39	0.88	*0.004*	0.0123
(Replicate B)	24-Sep-2025	3	1.74	1.84	*0.011*	0.0320
Brook Trout 3+	04-Oct-2006	3	1.9	1.74	0.033	---
	11-Aug-2010	5	2.9	1.64	0.048	---
(Duplicate)	11-Aug-2010	5	2.7	1.73	0.047	---
(Replicate A)	12-Aug-2010	4	2.4	3.12	**0.075**	---
(Replicate A)	01-Sep-2012	1	2.2	0.83	0.018	---
(Duplicate)	01-Sep-2012	1	2.1	0.83	0.017	---
(Replicate B)	01-Sep-2012	1	3.1	0.34	0.011	---
(Replicate C)	01-Sep-2013	1	2.3	0.90	0.021	---
(Replicate D)	01-Sep-2013	1	1.7	1.36	0.024	---
(Known (External Reference Material) Duplicat	01-Sep-2013	1	2.0	1.03	0.021	---
	22-Sep-2014	4	2.9	1.88	**0.054**	0.0531
(Duplicate)	22-Sep-2014	4	2.9	1.86	**0.053**	---
(Replicate A)	22-Sep-2014	1	3.2	0.66	0.021	0.0211
(Replicate B)	22-Sep-2014	1	1.3	2.58	0.033	0.0344
	23-Sep-2015	3	2.2	4.08	**0.091**	0.0827
(Replicate A)	31-Aug-2016	1	2.7	2.68	**0.071**	0.0725
	31-Aug-2016	2	3.0	3.31	**0.098**	0.0941
(Duplicate)	31-Aug-2016	2	3.0	3.16	**0.095**	---
	12-Sep-2017	3	2.5	1.03	0.025	0.0264
(Duplicate)	12-Sep-2017	3	2.5	1.10	0.027	---
	29-Aug-2018	3	3.4	0.86	0.029	0.0294
(Duplicate)	29-Aug-2018	3	3.2	0.85	0.027	---
(Lab Duplicate)	29-Aug-2018	3	3.2	0.83	0.027	---
	05-Sep-2019	4	5.2	0.49	0.026	0.0271

Table 7
Total PCB Concentrations in Fish Tissue: Chrystina Lake and Edith Lake (2006-2025)

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Fish	LIPID CONTENT (%)	Total PCB_{Lipid} (µg/g lw)	Total PCB (Reported) (µg/g ww)	Total PCB (Modelled) (µg/g ww)
Health Canada 2020a [#1]			---	---	**2.000**	**2.000**
OMOECC 2015			---	---	**0.105**	**0.105**
Great Lakes Unrestricted Consumption Advisory			---	---	**0.050**	**0.050**
Great Lakes High Consumption Advisory			---	---	**0.200**	**0.200**
Chrystina Lake - Continued						
(Lab Duplicate)	05-Sep-2019	4	5.1	0.50	0.025	---
	29-Sep-2021	3	1.8	1.00	0.018	0.0167
(Duplicate)	29-Sep-2021	3	2.5	1.76	0.044	---
	12-Oct-2022	3	1.4	2.91	0.040	0.0404
	13-Sep-2023	5	1.9	1.52	0.028	0.0282
	14-Aug-2024	3	3.09	0.52	0.016	0.0165
(Duplicate)	14-Aug-2024	3	3.32	0.63	0.021	---
(Replicate A)	24-Sep-2025	3	1.55	1.90	*0.010*	0.0294
(Duplicate)	24-Sep-2025	3	1.91	2.70	*0.018*	0.0516
(Replicate B)	24-Sep-2025	3	1.31	0.90	*0.004*	0.0119
Brook Trout 4+	04-Oct-2006	7	2.3	5.87	**0.135**	---
	01-Sep-2011	2	4.0	3.88	**0.155**	---
	01-Sep-2013	2	3.4	3.72	**0.127**	---
	22-Sep-2014	1	2.7	5.66	**0.154**	0.1506
(Replicate A)	23-Sep-2015	1	4.2	1.06	0.044	0.0435
(Replicate B)	23-Sep-2015	1	3.0	1.92	**0.058**	0.0580
	12-Sep-2017	1	2.9	1.48	0.042	0.0453
(Replicate A)	29-Aug-2018	1	4.0	1.61	**0.064**	0.0650
(Replicate B)	29-Aug-2018	1	2.7	1.35	0.037	0.0415
(Replicate C)	29-Aug-2018	1	3.7	0.93	0.035	0.0382
	25-Aug-2020	1	2.7	0.46	0.012	0.0132
	29-Sep-2021	1	1.9	1.38	0.026	0.0249
	24-Sep-2025	1	2.2	0.69	*0.005*	0.0152
Brook Trout 5+	04-Oct-2006	5	1.8	4.06	**0.073**	---
	11-Sep-2007	2	1.6	3.50	**0.056**	---
	12-Aug-2010	1	2.4	1.22	0.029	---
	01-Sep-2013	1	4.2	6.54	**0.274**	0.2791
(Known (External Reference Material) Duplicat	01-Sep-2013	1	5.1	5.49	**0.280**	---
	23-Sep-2015	1	4.0	1.75	**0.070**	0.0689
	30-Aug-2016	1	2.2	2.75	**0.060**	0.0627
	12-Sep-2017	1	4.2	3.06	**0.129**	0.1136
(Re-analysis)	12-Sep-2017	1	3.3	2.75	**0.091**	---
	29-Sep-2021	1	1.7	1.33	0.023	0.0230
Brook Trout 6+	11-Sep-2007	3	1.9	3.26	**0.062**	---
Brook Trout 7+	11-Sep-2007	3	1.8	0.89	0.016	---
(Duplicate)	11-Sep-2007	3	1.6	0.88	0.014	---
Brook Trout 11+	11-Sep-2007	2	1.3	5.23	**0.068**	---
Brook Trout 12+	11-Sep-2007	2	1.8	4.89	**0.088**	---
Brook Trout Unknown	23-Jul-2008	3	3.4	0.23	0.008	---
(Replicate)	23-Jul-2008	3	2.7	0.14	0.004	---

Table 7
Total PCB Concentrations in Fish Tissue: Chrystina Lake and Edith Lake (2006-2025)

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Fish	LIPID CONTENT (%)	Total PCB_{Lipid} (µg/g lw)	Total PCB (Reported) (µg/g ww)	Total PCB (Modelled) (µg/g ww)
Health Canada 2020a [#1]			---	---	**2.000**	**2.000**
OMOECC 2015			---	---	**0.105**	**0.105**
Great Lakes Unrestricted Consumption Advisory			---	---	**0.050**	**0.050**
Great Lakes High Consumption Advisory			---	---	**0.200**	**0.200**
Chrystina Lake - Continued						
(Replicate A)	23-Jul-2008	2	3.6	0.31	0.011	---
(Replicate B)	23-Jul-2008	2	4.3	0.14	0.006	---
(Replicate C)	23-Jul-2008	2	3.7	0.18	0.007	---
	12-Oct-2022	1	3.5	0.85	0.030	0.0280
(Replicate A)	13-Sep-2023	1	2.0	0.87	0.017	0.0176
(Replicate B)	13-Sep-2023	1	2.6	0.61	0.016	0.0169
Brook Trout Unknown A	14-Aug-2024	1	3.34	0.47	0.016	0.0167
Brook Trout Unknown B	14-Aug-2024	1	4.40	0.83	0.037	0.0330
Brook Trout Unknown C	14-Aug-2024	1	4.66	0.30	0.014	0.0147
	24-Sep-2025	1	2.37	1.19	*0.010*	0.0282
Brook Trout (Muscle only) 3+	01-Feb-2012	1	1.2	3.08	0.037	---
Brook Trout (Skin Only) 3+	01-Feb-2012	1	1.8	4.48	**0.081**	---
Brook Trout (Stomach) 1+	01-Sep-2012	4	2.3	0.10	0.002	---
Brook Trout (Stomach) 2+	01-Sep-2012	4	2.4	0.12	0.003	---
Brook Trout (Stomach) 3+ (Replicate A)	01-Sep-2012	1	1.5	0.10	0.002	---
(Replicate B)	01-Sep-2012	1	1.6	0.37	0.006	---
White Sucker 1+	01-Feb-2012	1	2.0	1.99	0.040	---
	21-Sep-2014	2	0.7	0.51	0.003	---
White Sucker 2+	01-Feb-2012	1	0.6	0.69	0.004	---
	22-Sep-2014	4	0.6	0.94	0.006	---
White Sucker 3+	01-Feb-2012	1	1.1	0.29	0.003	---
White Sucker 6+	11-Sep-2007	4	0.7	0.50	0.004	---
White Sucker 7+	11-Sep-2007	3	0.5	0.90	0.005	---
White Sucker 8+	11-Sep-2007	5	0.8	0.51	0.004	---
	11-Aug-2009	4	1.3	0.41	0.005	---
White Sucker 9+	11-Sep-2007	4	0.9	0.77	0.007	---
White Sucker 10+	11-Aug-2009	4	0.7	0.64	0.004	---
Forage Fish	04-Nov-2014	---	2.5	0.45	0.011	---
Invertebrates	22-Aug-2014	---	3.8	1.19	0.045	---
Edith Lake						
Brook Trout 1+	11-Aug-2009	7	2.8	0.11	0.003	---
	01-Sep-2011	4	1.5	0.33	0.005	---
(Duplicate)	01-Sep-2011	4	1.5	0.58	0.009	---
	01-Sep-2012	3	1.4	0.65	0.009	---
	22-Sep-2015	3	3.1	0.61	0.019	0.0162
	30-Aug-2016	2	1.9	0.50	0.009	0.0081

Table 7
Total PCB Concentrations in Fish Tissue: Chrystina Lake and Edith Lake (2006-2025)

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Fish	LIPID CONTENT (%)	Total PCB_{Lipid} (µg/g lw)	Total PCB (Reported) (µg/g ww)	Total PCB (Modelled) (µg/g ww)
Health Canada 2020a [#1]			---	---	**2.000**	**2.000**
OMOECC 2015			---	---	**0.105**	**0.105**
Great Lakes Unrestricted Consumption Advisory			---	---	**0.050**	**0.050**
Great Lakes High Consumption Advisory			---	---	**0.200**	**0.200**
Edith Lake - Continued						
	13-Sep-2017	3	3.6	0.30	0.011	0.0093
	30-Aug-2018	3	1.9	0.35	0.007	0.0057
(Replicate A)	06-Sep-2019	4	2.8	0.27	0.007	0.0064
(Replicate B)	06-Sep-2019	4	1.7	0.52	0.009	0.0080
	26-Aug-2020	7	2.4	0.26	0.006	0.0052
	30-Sep-2021	8	1.8	0.10	0.002	0.0017
	13-Oct-2022	2	2.2	0.07	0.002	0.0017
	14-Sep-2023	2	2.3	0.11	0.002	0.0022
	15-Aug-2024	5	2.24	0.14	0.003	0.0031
Brook Trout 2+	11-Aug-2009	4	3.1	0.09	0.003	---
	11-Aug-2010	5	2.2	0.95	0.021	---
	01-Sep-2011	4	1.8	1.59	0.029	---
	01-Sep-2012	3	2.8	0.79	0.022	---
	01-Sep-2013	3	2.6	1.68	0.044	0.0415
	21-Sep-2014	4	2.4	1.07	0.025	0.0241
(Replicate A)	21-Sep-2014	1	4.3	0.48	0.020	0.0183
(Replicate B)	21-Sep-2014	1	2.7	0.14	0.004	0.0036
	22-Sep-2015	1	4.1	0.04	0.002	0.0018
	30-Aug-2016	2	2.3	0.87	0.020	0.0189
	13-Sep-2017	3	2.1	0.23	0.005	0.0050
	30-Aug-2018	3	1.6	0.33	0.005	0.0049
(Replicate A)	06-Sep-2019	4	1.4	0.22	0.003	0.0031
(Replicate B)	06-Sep-2019	4	2.0	0.22	0.004	0.0042
	26-Aug-2020	2	1.8	0.37	0.007	0.0064
	30-Sep-2021	10	1.8	0.12	0.002	0.0019
	13-Oct-2022	8	1.5	0.92	0.014	0.0130
	14-Sep-2023	3	2.1	0.18	0.004	0.0042
	15-Aug-2024	6	2.16	0.24	0.005	0.0055
Brook Trout 3+	11-Aug-2010	3	3.4	0.74	0.025	---
	01-Sep-2011	3	1.7	1.43	0.024	---
	01-Sep-2012	5	2.4	1.20	0.029	---
(Replicate A)	01-Sep-2013	3	3.4	1.51	**0.051**	---
(Duplicate)	01-Sep-2013	3	3.2	1.39	0.045	---
(Known (External Reference Material) Duplicat	01-Sep-2013	3	3.3	1.68	**0.056**	---
(Replicate B)	01-Sep-2013	3	2.5	1.63	0.041	---
	21-Sep-2014	4	2.4	1.42	0.034	0.0330
(Replicate A)	21-Sep-2014	1	3.6	0.57	0.020	0.0176
(Replicate B)	21-Sep-2014	1	0.9	2.42	0.021	0.0222
	22-Sep-2015	3	4.5	0.45	0.020	0.0185
(Duplicate)	22-Sep-2015	3	4.5	0.44	0.020	---
	30-Aug-2016	1	2.3	0.88	0.020	0.0187
	13-Sep-2017	3	2.1	0.42	0.009	0.0086

Table 7
Total PCB Concentrations in Fish Tissue: Chrystina Lake and Edith Lake (2006-2025)

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Fish	LIPID CONTENT (%)	Total PCB_{Lipid} (µg/g lw)	Total PCB (Reported) (µg/g ww)	Total PCB (Modelled) (µg/g ww)
Health Canada 2020a [#1]			---	---	**2.000**	**2.000**
OMOECC 2015			---	---	**0.105**	**0.105**
Great Lakes Unrestricted Consumption Advisory			---	---	**0.050**	**0.050**
Great Lakes High Consumption Advisory			---	---	**0.200**	**0.200**
Edith Lake - Continued						
(Duplicate)	13-Sep-2017	3	2.0	0.40	0.008	---
	30-Aug-2018	3	2.5	0.18	0.004	0.0049
	06-Sep-2019	4	3.2	0.15	0.005	0.0052
(Duplicate)	06-Sep-2019	4	3.5	0.15	0.005	---
	26-Aug-2020	5	2.4	0.18	0.004	0.0042
(Duplicate)	26-Aug-2020	5	1.6	0.36	0.006	---
	30-Sep-2021	3	4.1	0.08	0.003	0.0032
	13-Oct-2022	8	2.0	0.19	0.004	0.0038
	14-Sep-2023	5	1.8	0.29	0.005	0.0052
(Duplicate)	14-Sep-2023	5	1.9	0.29	0.006	---
	15-Aug-2024	2	3.27	0.10	0.003	0.0035
Brook Trout 4+	04-Oct-2006	5	2.3	3.35	**0.077**	---
	01-Sep-2011	2	2.8	2.75	**0.077**	---
	01-Sep-2013	2	3.0	2.01	**0.060**	---
	21-Sep-2014	1	4.1	1.15	0.048	0.0463
(Replicate B)	22-Sep-2015	1	3.1	1.28	0.040	0.0376
(Replicate A)	23-Sep-2015	1	3.2	0.84	0.027	0.0243
	30-Aug-2016	1	3.4	0.58	0.020	0.0189
	13-Sep-2017	1	2.1	0.49	0.010	0.0095
	30-Aug-2018	1	2.3	0.32	0.007	0.0079
	26-Aug-2020	2	3.0	0.12	0.004	0.0037
	14-Sep-2023	5	1.6	0.25	0.004	0.0040
	15-Aug-2024	1	3.05	0.08	0.003	0.0027
Brook Trout 5+	04-Oct-2006	4	1.3	1.69	0.022	---
	01-Sep-2011	2	3.1	1.10	0.034	---
	01-Sep-2013	1	2.8	1.18	0.033	---
	21-Sep-2014	1	2.4	1.48	0.035	0.0355
	30-Aug-2016	1	3.1	2.68	**0.083**	0.0877
(Duplicate)	30-Aug-2016	1	3.1	2.76	**0.085**	---
	30-Sep-2021	1	1.6	0.27	0.004	0.0045
	15-Aug-2024	1	5.13	0.17	0.009	0.0090
Brook Trout 6+	14-Sep-2023	3	2.6	0.20	0.005	0.0053
Brook Trout 11+	11-Sep-2007	2	2.1	0.62	0.013	---
Brook Trout 12+	11-Sep-2007	3	1.9	0.45	0.009	---
Brook Trout Unknown	23-Jul-2008	2	2.5	0.20	0.005	---
(Replicate A)	23-Jul-2008	2	5.2	0.09	0.005	---
(Replicate B)	23-Jul-2008	2	3.2	0.11	0.004	---
(Replicate C)	23-Jul-2008	2	2.6	0.12	0.003	---
Brook Trout (Stomach) 1+	01-Sep-2012	3	3.2	0.05	0.002	---
Brook Trout (Stomach) 2+	01-Sep-2012	3	1.6	0.02	0.000	---
Edith Lake - Continued						
Brook Trout (Stomach) 3+	01-Sep-2012	5	2.0	17.75	**0.355**	---
(Re-analysis)	01-Sep-2012	5	2.0	37.25	**0.745**	---

NOTES:

1. --- in guideline row(s) denotes no criteria for that parameter.
2. --- in detail data row(s) denotes parameter not analyzed.

Table 7
Total PCB Concentrations in Fish Tissue: Chrystina Lake and Edith Lake (2006-2025)

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Fish	LIPID CONTENT (%)	Total PCB_{Lipid} (µg/g lw)	Total PCB (Reported) (µg/g ww)	Total PCB (Modelled) (µg/g ww)
Health Canada 2020a [#1]			---	---	**2.000**	**2.000**
OMOECC 2015			---	---	**0.105**	**0.105**
Great Lakes Unrestricted Consumption Advisory			---	---	**0.050**	**0.050**
Great Lakes High Consumption Advisory			---	---	**0.200**	**0.200**

3. *Italics* indicates total PCB concentration presented is based on the sum of International Council for the Exploration of the Sea (ICES) marker congeners including PCB 28, 52, 101, 138, 153, 180.

4. Superscript [#1] denotes values exceeding maximum Levels prescribed in (List of Contaminants and Other Adulterating Substances in Foods [Health Canada 2020a])

Denotes values exceeding conumption advisory limits in (Guide to Eating Ontario Fish 2015-2016 [Ontario Ministry of the Environment and Climate Change 2015]).

Denotes values exceeding conumption advisory limits for unrestricted consumers in (Protocol for a Uniform Great Lakes Sport Fish Consumption Advisory [GLSFCATF 1993]).

Denotes values exceeding conumption advisory limits for high-frequency consumers in (Protocol for a Uniform Great Lakes Sport Fish Consumption Advisory [GLSFCATF 1993]).

Table 8

Coplanar PCB TEQ Summaries: 2025, Historical and Edith Lake Comparisons

Project No.: 217085-56230

Congener IUPAC No.	CCME 2001	Hatchery 2025	Chrystina Lake Brook Trout 1+					Chrystina Lake Brook Trout 2+						Chrystina Lake Brook Trout 3+						
			Historical (2009 - 2024)				2025	Historical (2006- 2024)				A 2025	B 2025	Historical (2006- 2024)				A 2025	2025 (DUP)	B 2025
			Minimum	Median	Maximum	n		Minimum	Median	Maximum	n			Minimum	Median	Maximum	n			
77	---	0.0006	0.0009	0.0013	0.0132	18	0.0015	0.0014	0.0042	0.0549	28	0.0016	0.0034	0.0015	0.0030	0.0122	31	0.0047	0.0093	0.0017
81	---	0.0002	0.0001	0.0002	0.0016	18	0.0006	0.0002	0.0006	0.0073	28	0.0007	0.0020	0.00002	0.0005	0.0017	31	**0.0019**	**0.0029**	0.0003
105	---	0.0006	0.0033	0.0048	0.0525	18	0.0038	0.0094	0.0246	0.5190	28	***0.0079***	0.0236	0.0072	0.0190	0.0750	31	0.0203	0.0378	0.0077
114	---	0.00009	0.0002	0.0003	0.0029	18	0.0004	0.0006	0.0018	0.0327	28	0.0008	0.0021	0.000002	0.0013	0.0051	31	0.0019	0.0036	0.0007
118	---	0.0028	0.0089	0.0126	0.1578	18	0.0113	0.0264	0.0833	1.6980	28	***0.0228***	0.0624	0.0207	0.0554	0.1989	31	0.0591	0.1050	0.0213
123	---	0.000055	0.0002	0.0002	0.0077	18	***0.0001***	0.0004	0.0014	0.1722	28	***0.0002***	0.0009	0.0005	0.0011	0.0157	31	***0.0003***	0.0016	***0.0004***
126	---	0.0125	0.1390	0.2575	1.5900	18	0.2610	0.4160	1.0450	14.3000	28	0.4280	1.1700	0.0050	0.8265	2.5900	31	1.2200	2.3700	0.5050
156	---	0.0001	0.0012	0.0019	0.0109	18	0.0014	0.0030	0.0098	0.1425	28	***0.0027***	0.0068	0.0031	0.0073	0.0190	31	0.0063	0.0109	***0.0028***
157	---	0.000029	0.0003	0.0004	0.0016	8	0.0003	0.0007	0.0050	0.0279	16	***0.00056***	0.00142	0.0004	0.0013	0.0037	16	0.00130	0.00233	0.00059
167	---	0.00006	0.0007	0.0009	0.0070	18	0.0008	0.0016	0.0047	0.0723	28	***0.0014***	0.0036	0.0015	0.0034	0.0097	31	0.0034	0.0057	***0.0015***
169	---	0.0008	0.0057	0.0107	0.1215	18	***0.0039***	0.0101	0.0240	0.1455	28	***0.0075***	***0.0069***	0.0015	0.0199	0.0966	31	0.0102	0.0107	0.0057
189	---	0.000011	0.0001	0.0002	0.0007	18	0.0002	0.0002	0.0007	0.0084	28	***0.0002***	0.0006	0.0001	0.0005	0.0013	31	0.0005	0.0008	0.0003
Total PCB TEQ[#1] (pg TEQ/g ww)	***0.79***	0.0179	0.16	0.29	1.96	18	0.2852	0.47	1.22	17.06	28	0.4743	1.2837	0.12	0.95	2.95	31	1.3298	2.5607	0.5479

Notes: 1. --- in guideline row(s) denotes no criteria for that parameter.

2. --- in detail data row(s) denotes parameter not analyzed.

3. Highlighting indicates parameters above applied guideline/criteria (0.79).

- CCME Tissue Residue Guideline (2001) - CCME Canadian Tissue Residue Guidelines for the Protection of Wildlife Consumers of Aquatic Biota, (CCME, 1999 and updated 2001).

4. **Bold** font indicates that the 2025 value exceeds the historical maximum.
5. ***Italic*** font indicates that the 2025 value is below historical minimum.
6. All units are pg TEQ/g ww.
7. Superscript [#1] - TEQ values reported in the table have been calculated by substituting non-detections with half the detection limit.

Table 8

Coplanar PCB TEQ Summaries: 2025, Historical and Edith Lake Comparisons

Project No.: 217085-56230

Congener IUPAC No.	CCME 2001	Chrystina Lake Brook Trout 4+					Chrystina Lake Brook Trout (all age classes)				Unk 2025
		Historical (2006- 2024)				2025	Historical (2006 - 2024)				
		Minimum	Median	Maximum	n		Minimum	Median	Maximum	n	
77	---	0.0014	0.0052	0.0250	14	***0.0011***	0.0009	0.0034	0.0549	102	0.0036
81	---	0.00003	0.0008	0.0030	14	0.0012	0.00002	0.0006	0.0073	102	0.0009
105	---	0.0090	0.0426	0.1182	14	0.0094	0.0033	0.0227	0.5190	102	0.0201
114	---	0.0006	0.0031	0.0083	14	0.0008	0.000002	0.0017	0.0327	102	0.0019
118	---	0.0244	0.1176	0.3360	14	0.0251	0.0089	0.0722	1.6980	102	0.0552
123	---	0.0004	0.0015	0.0300	14	***0.0003***	0.0002	0.0015	0.1722	102	0.0004
126	---	0.3670	1.8200	4.3800	14	***0.2850***	0.0050	0.8940	14.3000	102	1.0000
156	---	0.0030	0.0134	0.0405	14	0.0038	0.0012	0.0084	0.1425	102	0.0056
157	---	0.0006	0.0027	0.0051	7	0.00063	0.0003	0.0020	0.0279	54	0.0013
167	---	0.0017	0.0067	0.0173	14	0.0020	0.0007	0.0042	0.0723	102	0.0031
169	---	0.0030	0.0294	0.1025	14	0.0047	0.0015	0.0225	0.2250	102	0.0150
189	---	0.0003	0.0009	0.0023	14	0.0004	0.0001	0.0006	0.0084	102	0.0005
Total PCB TEQ[#1] (pg TEQ/g ww)	***0.79***	0.42	2.09	5.03	14	***0.3341***	0.12	1.07	17.06	102	1.1076

Notes: 1. --- in guideline row(s) denotes no criteria for that parameter.

2. --- in detail data row(s) denotes parameter not analyzed.

3. Highlighting indicates parameters above applied guideline/criteria.

- CCME Tissue Residue Guideline (2001) - CCME Canadian Tissue Residue Guidelines for the Protection of Wildlife Consumers of Aquatic Biota, (CCME, 1999 and updated 2001).

4. **Bold** font indicates that the 2025 value exceeds the historical maximum.
5. ***Italic*** font indicates that the 2025 value is below historical minimum.
6. All units are pg TEQ/g ww.
7. Superscript [#1] - TEQ values reported in the table have been calculated by substituting non-detections with half the detection limit.

Table 9

Organics Summary for 2025 Fish Tissue Monitoring Program

Project Number: 217085-56230	HATCH	CHBKTR 1+	CHBKTR 2A+	CHBKTR 2B+	CHBKTR 3A+	CHBKTR 3A+(DUP)	CHBKTR 3B+	CHBKTR 4+	CHBKTR UNK
Total PCBs (ng/g)[1]	**3.95**	**8.36**	**12.28**	**32.01**	**29.41**	**51.62**	**11.85**	**15.17**	**28.23**
ΣICES6 PCBs (ng/g)[2]	**1.37**	**2.9**	**4.26**	**11.1**	**10.2**	**17.9**	**4.11**	**5.26**	**9.79**
ΣICES7 PCBs (ng/g)	**1.4585**	**3.2763**	**5.0159**	**13.2146**	**12.129**	**21.389**	**4.8138**	**6.0923**	**11.6272**
Number of Fish in Sample	**10**	**4**	**3**	**3**	**3**	**3**	**3**	**1**	**1**
PCBs (pg/g)									
PCB-77	5.93	14.6	15.8	34.3	46.7	93.2	17.1	10.8	36.3
PCB-81	0.792	1.91	2.4	6.81	**6.17**	**9.79**	<2.3	<7.7	<6.3
PCB-105	20.7	128	263	785	676	1260	255	312	669
PCB-114	3.06	14.1	26	69.2	61.7	120	23.9	25	63.1
PCB-118	92.8	375	759	2080	1970	3500	710	837	1840
PCB-123	1.8	<4.7	<11	31.3	<23	54.5	11.7	<17	<27
PCB-126	<0.25	2.61	4.28	11.7	12.2	23.7	5.05	<5.7	10
PCB-156	3.07	47.9	89.1	228	209	363	91.8	126	186
PCB-157	0.977	9.85	18.6	47.4	43.3	77.7	19.6	21.1	44.7
PCB-167	2.11	25.7	47.5	119	112	189	50.4	66.5	103
PCB-169	<0.055	<0.26	<0.50	<0.46	<0.68	<0.71	<0.38	<0.31	<1.0
PCB-189	0.375	5.13	7.77	19.1	18.2	27.9	8.79	12.5	15.7
TEQ_{PCB}	0.0179	0.2852	0.4743	**1.2837**	**1.3298**	**2.5607**	0.5479	0.3341	**1.1076**
Dioxins/Furans									
2,3,7,8-TCDD	<0.017	<0.016	<0.024	<0.064	<0.022	<0.10	<0.020	<0.086	0.185
1,2,3,7,8-PECDD	0.0188	<0.069	<0.033	<0.024	<0.039	<0.073	<0.028	<0.18	<0.025
1,2,3,4,7,8-HXCDD	<0.082	<0.067	<0.098	0.118	<0.069	0.173	<0.043	<0.26	<0.12
1,2,3,6,7,8-HXCDD	<0.099	<0.088	<0.045	0.116	<0.096	0.103	0.0648	<0.26	<0.10
1,2,3,7,8,9-HXCDD	<0.043	<0.033	<0.048	0.0407	<0.040	0.0724	0.0491	<0.32	<0.040
1,2,3,4,6,7,8-HPCDD	0.198	0.22	<0.039	0.114	<0.19	0.173	<0.17	<0.58	<0.12
OCDD	0.711	0.813	0.48	0.671	1.19	0.607	0.632	<1.2	<0.31
2,3,7,8-TCDF	<0.19	0.744	0.896	2.46	2.09	4.31	0.924	0.41	2.55
1,2,3,7,8-PECDF	<0.045	<0.046	<0.034	<0.11	<0.051	<0.11	<0.081	<0.12	<0.14
2,3,4,7,8-PECDF	<0.032	<0.048	<0.062	<0.061	<0.13	0.0873	<0.12	<0.11	0.146
1,2,3,4,7,8-HXCDF	<0.040	<0.051	<0.067	<0.061	<0.079	<0.054	<0.045	<0.18	<0.060
1,2,3,6,7,8-HXCDF	<0.039	<0.057	<0.071	0.0784	<0.073	<0.13	<0.048	<0.14	<0.056
1,2,3,7,8,9-HXCDF	<0.054	<0.071	<0.098	<0.056	<0.11	<0.061	<0.064	<0.19	<0.088
2,3,4,6,7,8-HXCDF	<0.040	<0.050	<0.070	<0.040	<0.078	<0.046	<0.046	<0.17	<0.054
1,2,3,4,6,7,8-HPCDF	<0.075	<0.046	<0.026	0.0665	0.18	<0.075	<0.044	<0.70	<0.058
1,2,3,4,7,8,9-HPCDF	<0.073	<0.053	<0.050	<0.041	<0.032	<0.051	<0.041	<0.24	<0.083
OCDF	<0.058	<0.30	<0.10	<0.075	0.298	<0.050	<0.063	<0.43	<0.12
$TEQ_{DX/F}$	0.0651	0.1486	0.1535	0.3462	0.2904	0.5973	0.1608	0.2761	0.5257
Total TEQ	0.0830	0.4338	0.6278	**1.6299**	**1.6201**	**3.1579**	0.7087	0.6103	**1.6333**

Notes:

Superscript #1 -Total PCB conectrations provided are calculated by multiplying ΣICES6 by slope of linear regression model (2.884)

Superscript #2 -ΣICES6 reports the sum of all congeners of ΣICES7 excluding PCB118.

ΣICES7 refers to the sum of PCB tracking congeners established by the International Council for the Exploration of the Sea (ICES) which includes PCB 28, 52, 101, 118, 138, 153, and 180

Highlighting indicates value represents a historical minimum in the respective age class.

Highlighting indicates value represents a historical maximum in the respective age class.

Highlighting indicates TEQ value exceeds applicable CCME guideline (TEQ_{PCB}=0.79, $TEQ_{Dx/F}$=0.71, TEQ_{Total}=0.71)

TEQ calculated by substituting non-detections with half the detection limit and includes EMPC concentrations

Values provided for individual compounds indicate the PCB, dioxin, or furan tissue concentrations measured in pg/g

Values calculated for TEQ are measured in ng TEQ/g ww

Table 10

TEQ Results for Fish Tissue from Chrystina Lake and Edith Lake (2006-2025)

PROJECT No.: 217085-56230

	Date (dd-mmm-yyyy)	PCB TEQ (pg TEQ/g ww)	Dioxin TEQ (pg TEQ/g ww)	Furan TEQ (pg TEQ/g ww)	Total TEQ (pg TEQ/g ww)
CCME Tissue Residue 2001		0.79	0.71	0.71	0.71
Hatchery					
Brook Trout 0+	04-Oct-2006	0.0195	0.1155	0.0425	0.1776
	11-Sep-2007	0.0775	0.1184	0.0426	0.2385
	23-Jul-2008	0.0507	0.1156	0.0425	0.2089
(Duplicate)	23-Jul-2008	0.0513	0.1155	0.0425	0.2093
	11-Aug-2009	0.4186	0.4655	0.0680	**0.9521**
	11-Aug-2010	0.0613	0.1656	0.0425	0.2694
	01-Sep-2011	0.1448	0.2314	0.0415	0.4178
	01-Sep-2012	0.0548	0.0954	0.0224	0.1726
	01-Sep-2013	0.0738	0.1020	0.0432	0.2189
	21-Sep-2014	0.0867	0.0656	0.0423	0.1946
	22-Sep-2015	0.1078	0.0654	0.0306	0.2038
	30-Aug-2016	0.0630	0.0637	0.0277	0.1544
	30-Aug-2018	0.0403	0.0654	0.0241	0.1297
	6-Sep-2019	0.0241	0.0664	0.0306	0.1211
	26-Aug-2020	0.0394	0.0573	0.0211	0.1178
	30-Sep-2021	0.0145	0.0546	0.0196	0.0888
	13-Oct-2022	0.0561	0.0404	0.0615	0.1580
	15-Aug-2024	0.0883	0.1317	0.0459	0.2659
	24-Sep-2025	0.0179	0.0407	0.0244	0.0830
Brook Trout 1+	13-Sep-2017	0.1071	0.1087	0.0328	0.2487
Chrystina Lake					
Brook Trout 1+	11-Aug-2009	0.2714	0.4160	0.0900	**0.7775**
	01-Sep-2011	0.4418	0.2310	0.0575	**0.7303**
	01-Sep-2012	**1.0889**	0.0686	0.1023	**1.2598**
(Replicate A)	01-Sep-2013	0.3163	0.2245	0.1216	0.6623
(Replicate B)	01-Sep-2013	0.2745	0.0839	0.0884	0.4468
	23-Sep-2015	**1.9600**	0.0661	0.2097	**2.2357**
	31-Aug-2016	0.2739	0.0646	0.0656	0.4041
	12-Sep-2017	0.2436	0.0647	0.0635	0.3718
	29-Aug-2018	0.2981	0.1121	0.0694	0.4796
(Replicate A)	5-Sep-2019	0.1641	0.1130	0.0528	0.3300
(Replicate B)	5-Sep-2019	0.1801	0.1051	0.0658	0.3509
	25-Aug-2020	0.2721	0.1011	0.0575	0.4306
	29-Sep-2021	**0.8268**	0.0501	0.0697	**0.9466**
	12-Oct-2022	0.4623	0.0397	0.0534	0.5555
	13-Sep-2023	0.2450	0.0985	0.0354	0.3790
	14-Aug-2024	0.2707	0.0951	0.0668	0.4326
(Lab Duplicate)	14-Aug-2024	0.3971	0.1078	0.0757	0.5806
	24-Sep-2025	0.2852	0.0543	0.0943	0.4338
Brook Trout 2+	11-Aug-2009	**1.1575**	0.3155	0.0580	**1.5311**
	11-Aug-2010	**1.7648**	0.1156	0.1345	**2.0150**
	12-Aug-2010	**2.8766**	---	---	**2.8766**
	01-Sep-2011	**7.3535**	0.2590	0.3384	**7.9509**
(Duplicate)	1-Sep-2011	**9.0450**	---	---	**9.0450**
(Replicate A)	1-Sep-2011	**10.0653**	---	---	**10.0653**
(Replicate B)	1-Sep-2011	**10.6074**	---	---	**10.6074**

Table 10
TEQ Results for Fish Tissue from Chrystina Lake and Edith Lake (2006-2025)

PROJECT No.: 217085-56230

	Date (dd-mmm-yyyy)	PCB TEQ (pg TEQ/g ww)	Dioxin TEQ (pg TEQ/g ww)	Furan TEQ (pg TEQ/g ww)	Total TEQ (pg TEQ/g ww)
CCME Tissue Residue 2001		0.79	0.71	0.71	0.71
Chrystina Lake - Continued					
(Replicate C)	1-Sep-2011	**17.0648**	---	---	**17.0648**
(Replicate D)	1-Sep-2011	**9.7384**	---	---	**9.7384**
(Replicate E)	1-Sep-2011	**16.7020**	---	---	**16.7020**
	01-Sep-2012	0.7803	0.0636	0.0483	**0.8921**
	01-Sep-2013	**1.2783**	0.0884	0.1416	**1.5083**
	22-Sep-2014	**1.4398**	0.0681	0.1488	**1.6568**
(Replicate A)	22-Sep-2014	0.5422	0.0663	0.0893	0.6978
(Replicate B)	22-Sep-2014	0.6311	0.0650	0.1271	**0.8232**
	23-Sep-2015	**1.7561**	0.0662	0.2062	**2.0285**
	31-Aug-2016	**2.2052**	0.0649	0.1729	**2.4431**
	12-Sep-2017	0.6072	0.0676	0.1000	**0.7747**
(Replicate A)	12-Sep-2017	0.4738	0.0670	0.0925	0.6333
	29-Aug-2018	**0.8470**	0.1217	0.1305	**1.0992**
(Replicate A)	5-Sep-2019	0.6607	0.0634	0.0888	**0.8129**
(Replicate B)	5-Sep-2019	0.6456	0.1079	0.0939	**0.8475**
(Replicate A)	25-Aug-2020	0.7276	0.0575	0.1113	**0.8964**
(Replicate B)	25-Aug-2020	0.5273	0.0574	0.0889	0.6736
	29-Sep-2021	**0.8330**	0.0455	0.0744	**0.9529**
	12-Oct-2022	**1.6898**	0.0639	0.1445	**1.8982**
	13-Sep-2023	0.5738	0.0265	0.0895	0.6898
	14-Aug-2024	0.5850	0.0569	0.0906	**0.7325**
(Replicate A)	24-Sep-2025	0.4743	0.0384	0.1151	0.6278
(Replicate B)	24-Sep-2025	**1.2837**	0.0728	0.2734	**1.6299**
Brook Trout 3+	04-Oct-2006	0.1157	0.1155	0.0715	0.3028
	11-Aug-2010	**1.2386**	0.2670	0.0525	**1.5581**
(Duplicate)	11-Aug-2010	**1.0168**	0.1156	0.1220	**1.2544**
	12-Aug-2010	**1.9183**	---	---	**1.9183**
(Replicate A)	01-Sep-2012	0.5497	0.1022	0.1113	**0.7631**
(Duplicate)	01-Sep-2012	0.5933	0.0964	0.1552	**0.8449**
(Replicate B)	01-Sep-2012	0.4300	0.1036	0.0225	0.5561
(Replicate C)	01-Sep-2013	0.7133	0.0748	0.1134	**0.9015**
(Replicate D)	01-Sep-2013	0.6885	0.0752	0.1042	**0.8679**
(Duplicate) [#1]	1-Sep-2013	**0.8878**	---	---	**0.8878**
	22-Sep-2014	**1.6497**	0.0670	0.1475	**1.8642**
(Duplicate)	22-Sep-2014	**1.2875**	0.0652	0.1587	**1.5114**
(Replicate A)	22-Sep-2014	0.7400	0.1032	0.1538	**0.9970**
(Replicate B)	22-Sep-2014	**0.8113**	0.0663	0.0776	**0.9552**
	23-Sep-2015	**2.5896**	0.0665	0.2241	**2.8803**
	31-Aug-2016	**2.9475**	0.0642	0.2085	**3.2202**
(Duplicate)	31-Aug-2016	**2.7508**	0.0654	0.2062	**3.0225**
(Replicate A)	31-Aug-2016	**2.1552**	0.0715	0.2223	**2.4489**
	12-Sep-2017	**0.9198**	0.0646	0.1186	**1.1029**
(Duplicate)	12-Sep-2017	**0.9732**	0.0679	0.1250	**1.1661**
	29-Aug-2018	**1.1473**	0.0573	0.1137	**1.3183**
(Duplicate)	29-Aug-2018	**0.8142**	0.0633	0.1038	**0.9813**
(Duplicate - Lab)	29-Aug-2018	**0.8695**	0.0641	0.1099	**1.0436**
	5-Sep-2019	**0.8488**	0.0727	0.1415	**1.0631**

Table 10
TEQ Results for Fish Tissue from Chrystina Lake and Edith Lake (2006-2025)

PROJECT No.: 217085-56230

	Date (dd-mmm-yyyy)	PCB TEQ (pg TEQ/g ww)	Dioxin TEQ (pg TEQ/g ww)	Furan TEQ (pg TEQ/g ww)	Total TEQ (pg TEQ/g ww)
CCME Tissue Residue 2001		0.79	0.71	0.71	0.71
Chrystina Lake - Continued					
(Duplicate - Lab)	5-Sep-2019	**0.9020**	0.0665	0.1181	**1.0866**
	29-Sep-2021	**1.1232**	0.0721	0.1380	**1.3005**
	12-Oct-2022	**1.0594**	0.0424	0.0678	**1.1697**
	13-Sep-2023	**1.0482**	0.0422	0.1324	**1.2228**
(Duplicate - Lab)	13-Sep-2023	**1.0070**	0.0306	0.1003	**1.1378**
	14-Aug-2024	**0.8652**	0.0606	0.0960	**1.0218**
(Duplicate)	14-Aug-2024	**1.4042**	0.0669	0.1025	**1.5736**
(Replicate A)	24-Sep-2025	**1.3298**	0.0421	0.2483	**1.6201**
(Duplicate)	24-Sep-2025	**2.5607**	0.1233	0.4740	**3.1579**
(Replicate B)	24-Sep-2025	0.5479	0.0386	0.1222	0.7087
Brook Trout 4+	04-Oct-2006	**2.9546**	0.1155	0.1575	**3.2276**
(Duplicate)	04-Oct-2006	**3.7653**	0.1155	0.1575	**4.0384**
	01-Sep-2011	**3.1645**	0.2760	0.3235	**3.7641**
	01-Sep-2013	**3.5568**	0.1090	0.3174	**3.9832**
	22-Sep-2014	**5.0282**	0.1567	0.3150	**5.5000**
	23-Sep-2015	**1.3958**	0.0648	0.1858	**1.6465**
(Replicate A)	23-Sep-2015	**2.0939**	0.0654	0.2165	**2.3757**
	12-Sep-2017	**1.6449**	0.1041	0.1897	**1.9387**
(Replicate A)	29-Aug-2018	**2.1136**	0.1045	0.2078	**2.4259**
(Replicate B)	29-Aug-2018	**0.9753**	0.1029	0.1110	**1.1892**
(Replicate C)	29-Aug-2018	**1.2394**	0.0648	0.1418	**1.4460**
	25-Aug-2020	0.4192	0.0573	0.0861	0.5625
	29-Sep-2021	**0.8639**	0.0478	0.0897	**1.0014**
	24-Sep-2025	0.3341	0.1781	0.0981	0.6103
Brook Trout 5+	04-Oct-2006	**1.7700**	0.1155	0.0735	**1.9590**
	11-Sep-2007	**1.5906**	0.1157	0.2356	**1.9420**
	12-Aug-2010	**1.1958**	---	---	**1.1958**
	01-Sep-2013	**7.4698**	0.1222	0.6411	**8.2331**
(Duplicate) [#1]	01-Sep-2013	**9.0959**	---	---	**9.0959**
	23-Sep-2015	**2.0359**	0.0664	0.2218	**2.3240**
	31-Aug-2016	**1.6574**	0.0658	0.1237	**1.8468**
	12-Sep-2017	**7.3720**	0.0675	0.2773	**7.7167**
(Re-analysis)	12-Sep-2017	**5.2980**	0.0675	0.2773	**5.6427**
	29-Sep-2021	**0.9021**	0.0525	0.1177	**1.0723**
Brook Trout 6+	11-Sep-2007	**1.6121**	0.1655	0.1785	**1.9562**
Brook Trout 7+	11-Sep-2007	0.6633	0.1172	0.1226	**0.9031**
(Duplicate)	11-Sep-2007	0.4299	0.1170	0.0766	0.6235
Brook Trout 11+	11-Sep-2007	**2.3124**	0.1660	0.3086	**2.7869**
Brook Trout 12+	11-Sep-2007	**2.1971**	0.1175	0.3336	**2.6482**
Brook Trout Unknown	12-Oct-2022	**0.9805**	0.0349	0.0767	**1.0920**
(Replicate A)	13-Sep-2023	0.6320	0.0748	0.0692	**0.7761**
(Replicate B)	13-Sep-2023	0.6436	0.0304	0.0671	**0.7412**
Unknown A	14-Aug-2024	0.7221	0.0963	0.1068	**0.9253**
Unknown B	14-Aug-2024	**1.5555**	0.0601	0.1599	**1.7755**
Unknown C	14-Aug-2024	0.5424	0.0660	0.0908	**0.6992**
	24-Sep-2025	**1.1076**	0.2111	0.3145	**1.6333**

Table 10
TEQ Results for Fish Tissue from Chrystina Lake and Edith Lake (2006-2025)

PROJECT No.: 217085-56230

	Date (dd-mmm-yyyy)	PCB TEQ (pg TEQ/g ww)	Dioxin TEQ (pg TEQ/g ww)	Furan TEQ (pg TEQ/g ww)	Total TEQ (pg TEQ/g ww)
CCME Tissue Residue 2001		0.79	0.71	0.71	0.71
Chrystina Lake - Continued					
Forage Fish	4-Nov-2014	0.5014	0.0640	0.0439	0.6093
Aquatic Invertebrates	22-Aug-2014	**3.5293**	0.3381	0.2081	**4.0755**
Edith Lake					
Brook Trout 1+	11-Aug-2009	0.1304	0.1693	0.0771	0.3769
	01-Sep-2011	0.2089	0.3915	0.0865	0.6869
(Duplicate)	01-Sep-2011	0.0743	0.0985	0.0245	0.1973
	01-Sep-2012	0.0750	0.0679	0.0154	0.1583
	22-Sep-2015	0.4173	0.0650	0.0404	0.5226
	30-Aug-2016	0.1065	0.0636	0.0303	0.2004
	13-Sep-2017	0.1487	0.1982	0.0395	0.3864
	30-Aug-2018	0.1045	0.0641	0.0304	0.1991
(Replicate A)	6-Sep-2019	0.1257	0.0676	0.0328	0.2260
(Replicate B)	6-Sep-2019	0.1379	0.1178	0.0341	0.2898
	26-Aug-2020	0.1036	0.0574	0.0327	0.1936
	30-Sep-2021	0.0512	0.0620	0.0183	0.1315
	13-Oct-2022	0.0749	0.0567	0.0185	0.1501
	14-Sep-2023	0.0602	0.0822	0.0246	0.1670
	15-Aug-2024	0.0869	0.1755	0.0359	0.2983
Brook Trout 2+	11-Aug-2009	0.1614	0.1657	0.0475	0.3746
	11-Aug-2010	0.5721	0.1655	0.0425	**0.7801**
	01-Sep-2011	0.6894	0.2150	0.0325	**0.9369**
	01-Sep-2012	0.7608	0.0363	0.0106	**0.8077**
	01-Sep-2013	**1.4731**	0.1854	0.1491	**1.8076**
	21-Sep-2014	0.5693	0.1577	0.0495	**0.7765**
(Replicate A)	21-Sep-2014	0.4710	0.1913	0.0636	**0.7260**
(Replicate B)	21-Sep-2014	0.1139	0.0996	0.0315	0.2450
	22-Sep-2015	0.0649	0.0649	0.0234	0.1531
	30-Aug-2016	0.6169	0.0651	0.0694	**0.7513**
	13-Sep-2017	0.0647	0.0685	0.0251	0.1583
	30-Aug-2018	0.1271	0.1277	0.0337	0.2885
(Replicate A)	6-Sep-2019	0.0526	0.1010	0.0320	0.1857
(Replicate B)	6-Sep-2019	0.0958	0.0691	0.0271	0.1919
	26-Aug-2020	0.1403	0.0582	0.0241	0.2226
	30-Sep-2021	0.0839	0.0417	0.0149	0.1404
	13-Oct-2022	**1.3863**	0.0902	0.0419	**1.5184**
	14-Sep-2023	0.2010	0.0342	0.0229	0.2580
	15-Aug-2024	0.6113	0.0836	0.0598	**0.7546**
Brook Trout 3+	11-Aug-2010	**1.0192**	0.1155	0.0985	**1.2333**
	01-Sep-2011	**1.4066**	0.1658	0.0345	**1.6069**
	01-Sep-2012	**0.9072**	0.0478	0.0091	**0.9640**
(Replicate A)	01-Sep-2013	**1.8402**	0.1026	0.0957	**2.0385**
(Duplicate)	01-Sep-2013	**1.5491**	0.0943	0.0816	**1.7250**
(Duplicate) [#1]	01-Sep-2013	**2.6448**	---	---	**2.6448**
(Replicate B)	01-Sep-2013	**3.3406**	0.0569	0.0912	**3.4887**
	21-Sep-2014	**1.2855**	0.1469	0.0927	**1.5252**
(Replicate A)	21-Sep-2014	0.6491	0.0838	0.0620	**0.7949**

Table 10
TEQ Results for Fish Tissue from Chrystina Lake and Edith Lake (2006-2025)

PROJECT No.: 217085-56230

	Date (dd-mmm-yyyy)	PCB TEQ (pg TEQ/g ww)	Dioxin TEQ (pg TEQ/g ww)	Furan TEQ (pg TEQ/g ww)	Total TEQ (pg TEQ/g ww)
CCME Tissue Residue 2001		0.79	0.71	0.71	0.71
Edith Lake - Continued					
(Replicate B)	21-Sep-2014	0.6699	0.1075	0.0516	**0.8291**
	22-Sep-2015	0.6131	0.0671	0.0534	**0.7336**
(Duplicate)	22-Sep-2015	0.6730	0.0704	0.0559	**0.7993**
	30-Aug-2016	**0.8345**	0.0669	0.0924	**0.9937**
	13-Sep-2017	0.3472	0.0743	0.0409	0.4624
(Duplicate)	13-Sep-2017	0.3374	0.0987	0.0422	0.4783
	30-Aug-2018	0.2226	0.1319	0.0287	0.3832
	6-Sep-2019	0.1807	0.1112	0.0550	0.3469
(Duplicate)	6-Sep-2019	0.2281	0.1314	0.0349	0.3943
	26-Aug-2020	0.1506	0.0300	0.0861	0.2667
(Duplicate)	26-Aug-2020	0.1177	0.0287	0.0582	0.2046
	30-Sep-2021	0.1447	0.0673	0.0215	0.2335
	13-Oct-2022	0.1926	0.0444	0.0200	0.2570
	14-Sep-2023	0.3330	0.0378	0.0467	0.4176
(Duplicate)	14-Sep-2023	0.4004	0.1121	0.0517	0.5642
	15-Aug-2024	0.2542	0.0548	0.0883	0.3973
Brook Trout 4+	04-Oct-2006	**1.9881**	0.1160	0.2275	**2.3316**
	01-Sep-2011	**1.6623**	0.1645	0.1721	**1.9989**
	01-Sep-2013	**1.8701**	0.4958	0.2541	**2.6200**
	21-Sep-2014	**1.7028**	0.2496	0.1448	**2.0972**
	23-Sep-2015	**0.8118**	0.0654	0.0892	**0.9663**
(Replicate A)	22-Sep-2015	**1.6982**	0.1098	0.0848	**1.8927**
	30-Aug-2016	**0.8150**	0.1051	0.0877	**1.0078**
	13-Sep-2017	0.4018	0.0734	0.0526	0.5277
	30-Aug-2018	0.2828	0.0642	0.0303	0.3772
	26-Aug-2020	0.1613	0.0616	0.0275	0.2503
	14-Sep-2023	0.2359	0.0459	0.0369	0.3187
	15-Aug-2024	0.2187	0.0871	0.0553	0.3611
Brook Trout 5+	04-Oct-2006	0.4594	0.1155	0.0795	0.6544
	01-Sep-2011	**0.8756**	0.2210	0.0379	**1.1346**
	01-Sep-2013	**1.4040**	0.1635	0.0971	**1.6646**
	21-Sep-2014	**1.0036**	0.1134	0.0985	**1.2155**
	30-Aug-2016	**3.9303**	0.2058	0.1855	**4.3215**
	30-Sep-2021	0.2383	0.0921	0.0308	0.3612
	15-Aug-2024	0.6384	0.1268	0.0837	**0.8489**
Brook Trout 6+	14-Sep-2023	0.3347	0.0951	0.0424	0.4722
Brook Trout 11+	11-Sep-2007	0.1413	0.1160	0.0796	0.3369
Brook Trout 12+	11-Sep-2007	0.4582	0.1159	0.0426	0.6166

NOTES: 1. --- in detail data row(s) denotes parameter not analyzed.

2. Highlighting indicates parameters above applied guideline/criteria.

3. All TEQ values are presented in pg/g

4. Superscript [#1] - Duplicate sample analyzed by alternative lab.

Table 11

Summary of Tissue Residue Guideline, Threshold Exceedance, and Historical Range Comparisons for 2025 Fish Tissue Parameters

Project Number: 217085-56230

Sample Location/Species	Age Class	Sample Identifier	Environmental Guideline			Below Historical Ranges	Above Historical Ranges
			CCME (2001) Canadian Tissue Residue Guideline	SETAC (1999) Threshold	Health Canada Maximum Levels (2020a, 2020b)		
Hatchery	0+			Selenium, Zinc			
Chrystina Lake - Brook Trout	1+			Zinc		Calcium, Mercury, Phosphorus, Potassium Coplanar PCB 123, 169	
	2A+					Arsenic, Cobalt, Copper, Manganese, Zinc Coplanar PCB 105, 118, 123, 156, 157, 167, 169, 189	
	2B+		TEQ_{PCB}, Total TEQ	Zinc		Copper Coplanar PCB 169	
	3A+		TEQ_{PCB}, Total TEQ	Zinc		Manganese Coplanar PCB 123	Coplanar PCB 81
	3A+	Duplicate	TEQ_{PCB}, Total TEQ	Zinc		Manganese	Coplanar PCB 81
	3B+			Zinc		Coplanar PCB 123, 156, 167	
	4+			Zinc		Chromium, Iron Coplanar PCB 77, 123, 126 TEQ_{PCB}	
	Unknown		TEQ_{PCB}, Total TEQ	Zinc		N/A	N/A

Notes: 1. TEQ_{PCB} = Toxic Equivalency based on coplanar PCB concentrations; $TEQ_{Dx/F}$ = Toxic Equivalency based on dioxin and furan concentrations; TEQ_{Lipid}= Toxic Equivalency based on lipid normalized tissue residue concentrations; Total TEQ = Toxic Equivalency incorporating concentrations of all dioxins and dioxin-like compounds analysed

Figures



600000 605000 610000 615000 620000

6075000 6070000 6065000

Twp. 67 Twp. 66

EDITH LAKE
EDITH CREEK
CHRYSTINA LAKE
COLLINS RIVER
ETHEL CREEK
ANNA LAKE
TIMEL CREEK
LOIS LAKE
MORSE LAKE
MORSE RIVER
KRAUSE LAKE
SWAN HILLS
33
32

Rge. 10

Treatment Centre
Community
Major Road

N

0 1 2
Kilometres
1:55,000
NAD 1983 UTM Zone 11N

Basedata Source:
IHS Markit
AltaLIS Ltd.
Imagery Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

VEOLIA WASTE SERVICES ALBERTA INC.
2025 FISH TISSUE MONITORING PROGRAM
SWAN HILLS TREATMENT CENTRE

REGIONAL SETTING

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Date:	Drawn by:	Edited by:	App'd by:
27-FEB-25	KR		. .

Project No. 217085-56230-25200
FIG No 1
REV A

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USER NAME: Kenneth.W.Ritchie
PLOT DATE & TIME: 2/27/2025 3:22:31 PM
SAVE DATE & TIME: 2/27/2025 3:22:20 PM

FILE LOCATION: N:\PROJECTS\SUEZ Canada\Swan Hills\MXDs\317011-00057.23200\SiteLocation.mxd



Legend

- Fyke Net Location
- Gill Net Location

Notes:

Imagery Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community

0 100 200
Metres
1:6,000
NAD 1983 UTM Zone 11N

N

VEOLIA WASTE SERVICES ALBERTA INC
2025 FISH TISSUE MONITORING PROGRAM
SWAN HILLS TREATMENT CENTRE

SAMPLING LOCATIONS

Date:	Drawn by:	Edited by:	App'd by:
29-JUN-26	KR	KR	APPD

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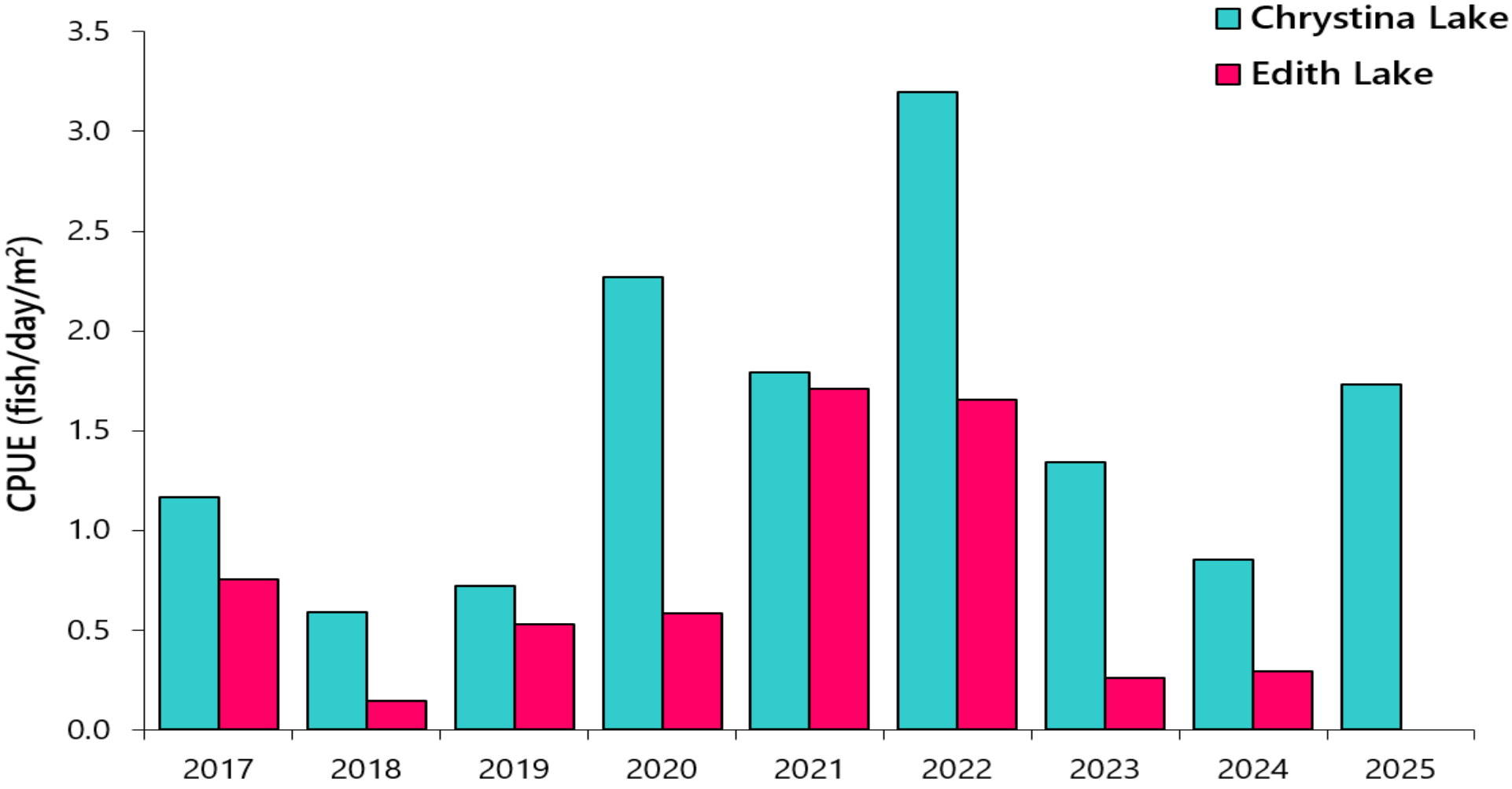
Project No. 217085-56230-25200

FIG No 2 REV A

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USER NAME: Kenneth.W.Ritchie
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SAVE DATE & TIME: 6/29/2026 11:22:11 AM

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Note: Fyke net and gill net CPUE were averaged in 2025.

Veolia Waste Services Alberta Inc.

2025 Fish Tissue Monitoring Program: Swan Hills Treatment Centre

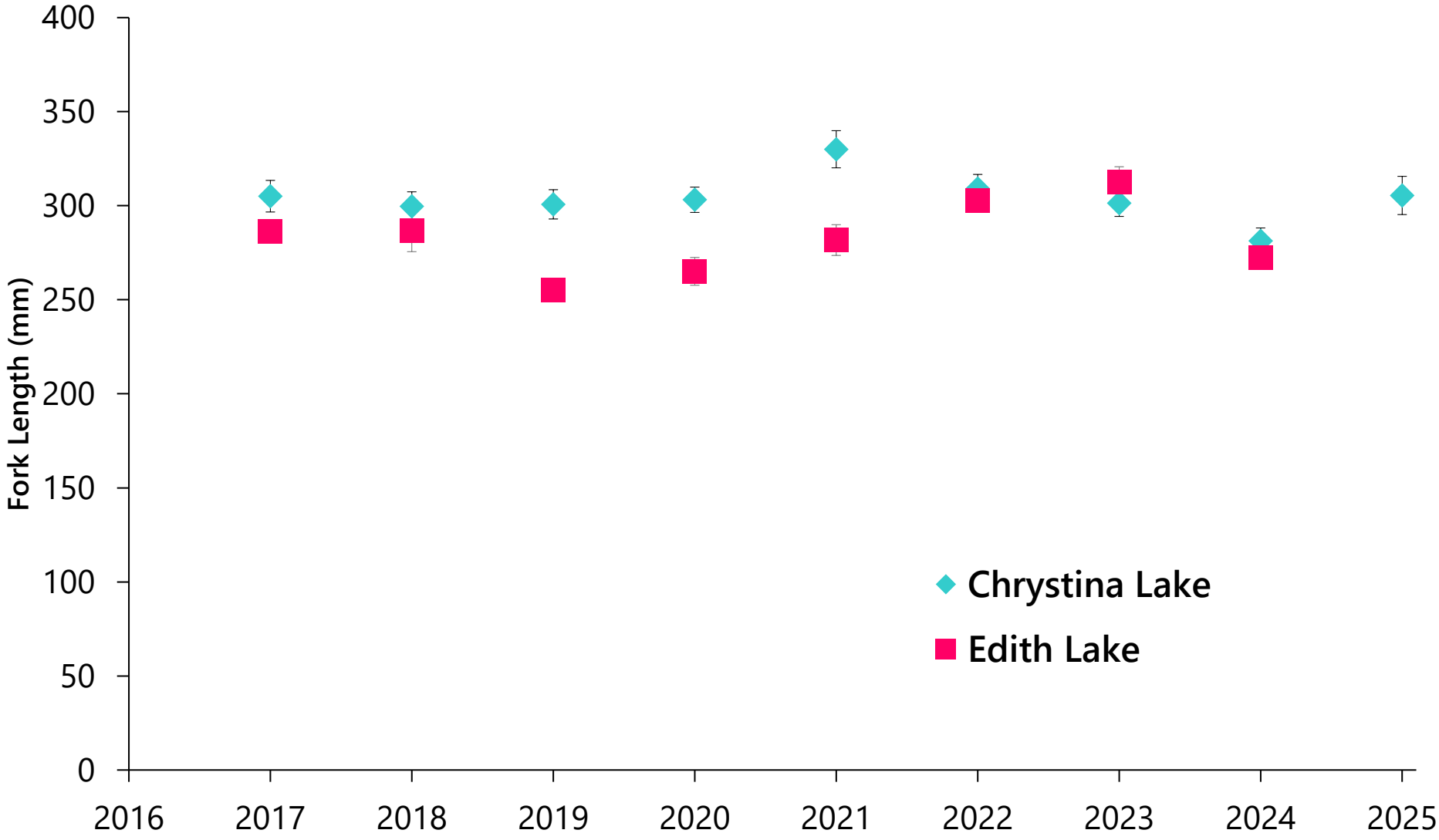
Gill net catch per unit effort (CPUE) for brook trout from 2017 to 2025

worley consulting

date	12-Aug-26	drawn by	AVA	edited by	GY	app'd by	GR

PROJECT NUMBER:	FIGURE:
217085-56230	3

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2025 Fish Tissue Monitoring Program: Swan Hills Treatment Centre

Mean Fork Length of Brook Trout from Chrystina Lake and Edith Lake from 2017 to 2025

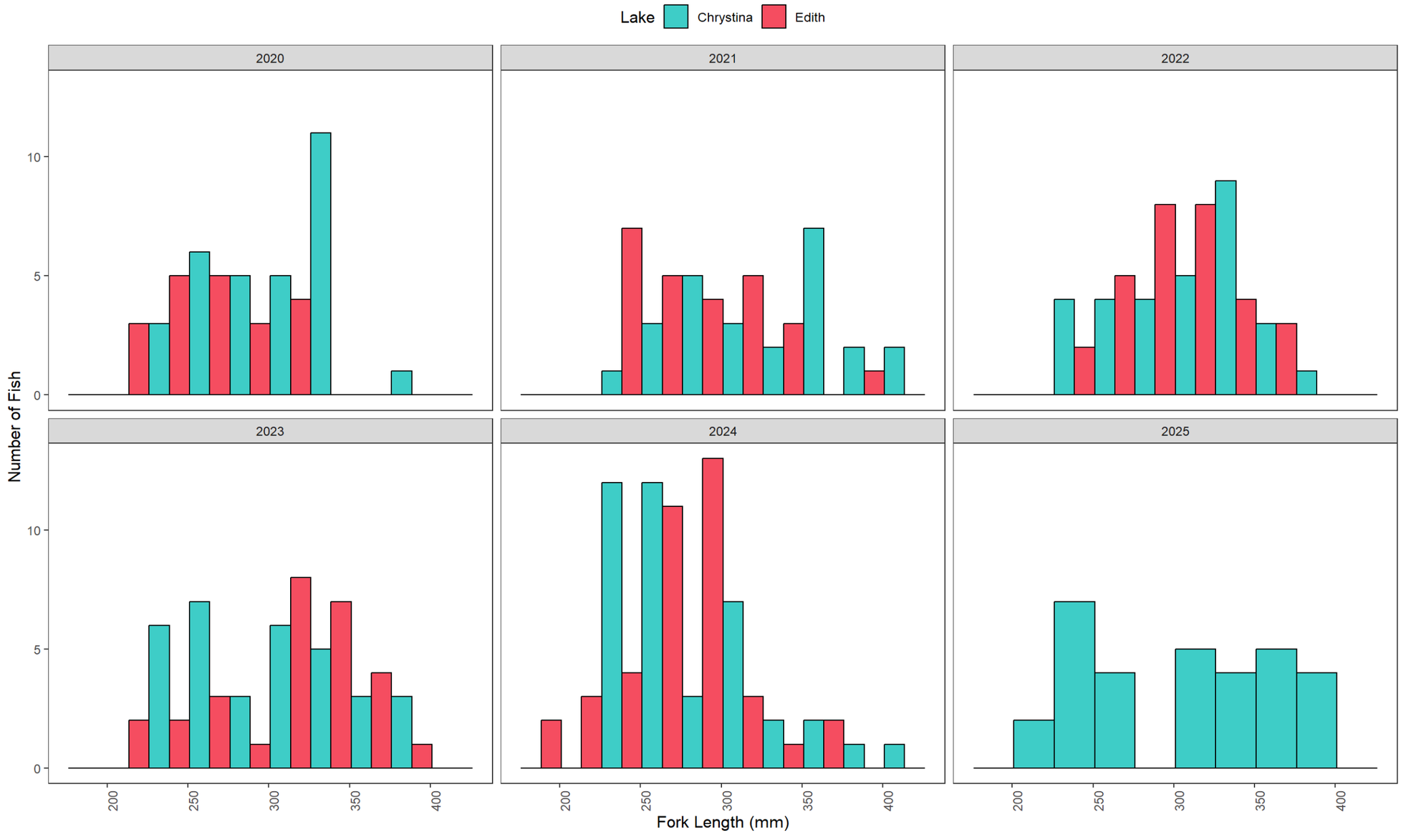
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date	06-Aug-26	drawn by	AVA	edited by	GY	app'd by	GR

PROJECT NUMBER: **217085-56230**

FIGURE: **4**

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2025 Fish Tissue Monitoring Program: Swan Hills Treatment Centre

Length-Frequency for Brook Trout in Chrystina Lake and Edith Lake (2023 to 2025)

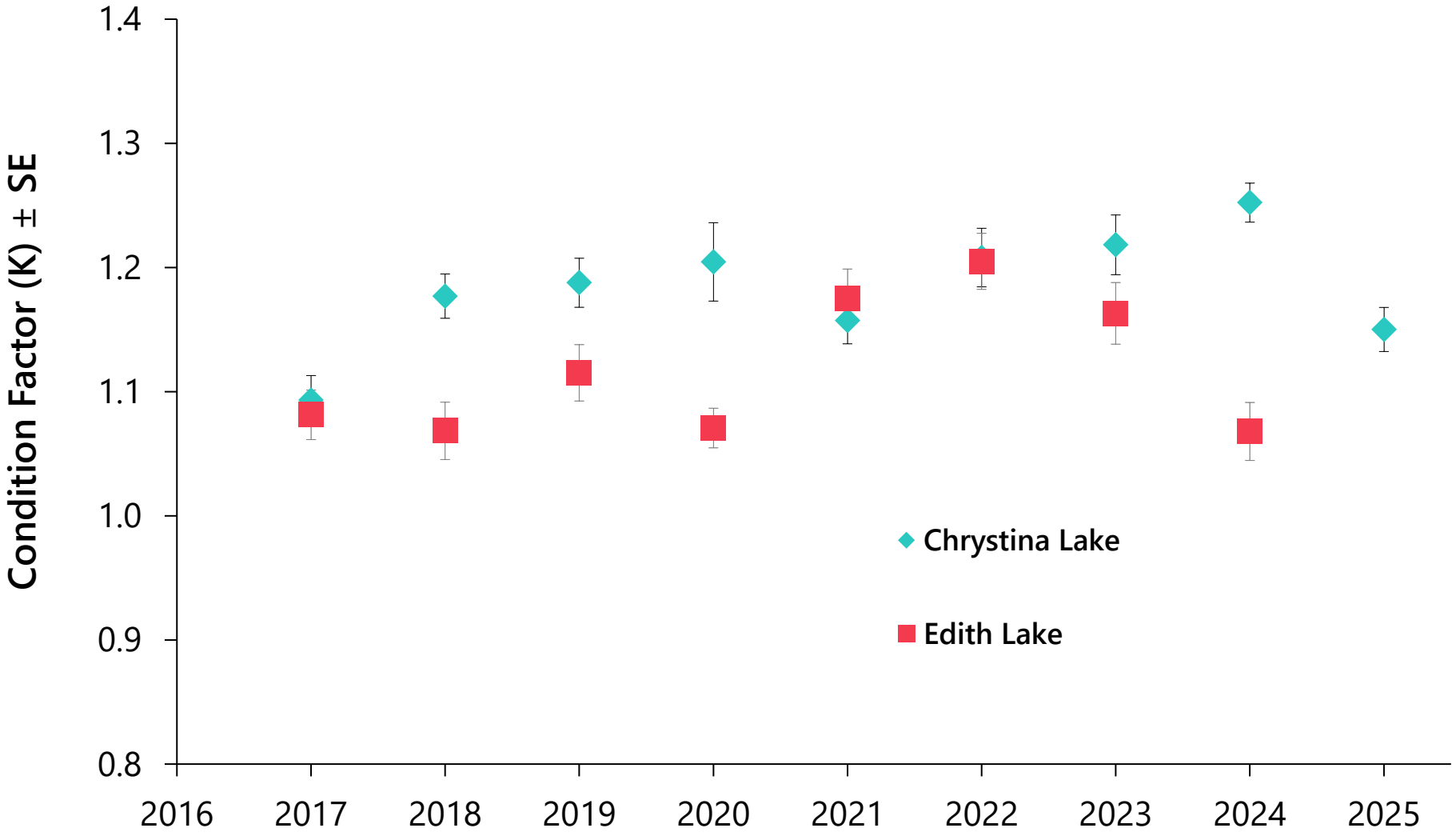
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FIGURE: 5



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2025 Fish Tissue Monitoring Program: Swan Hills Treatment Centre

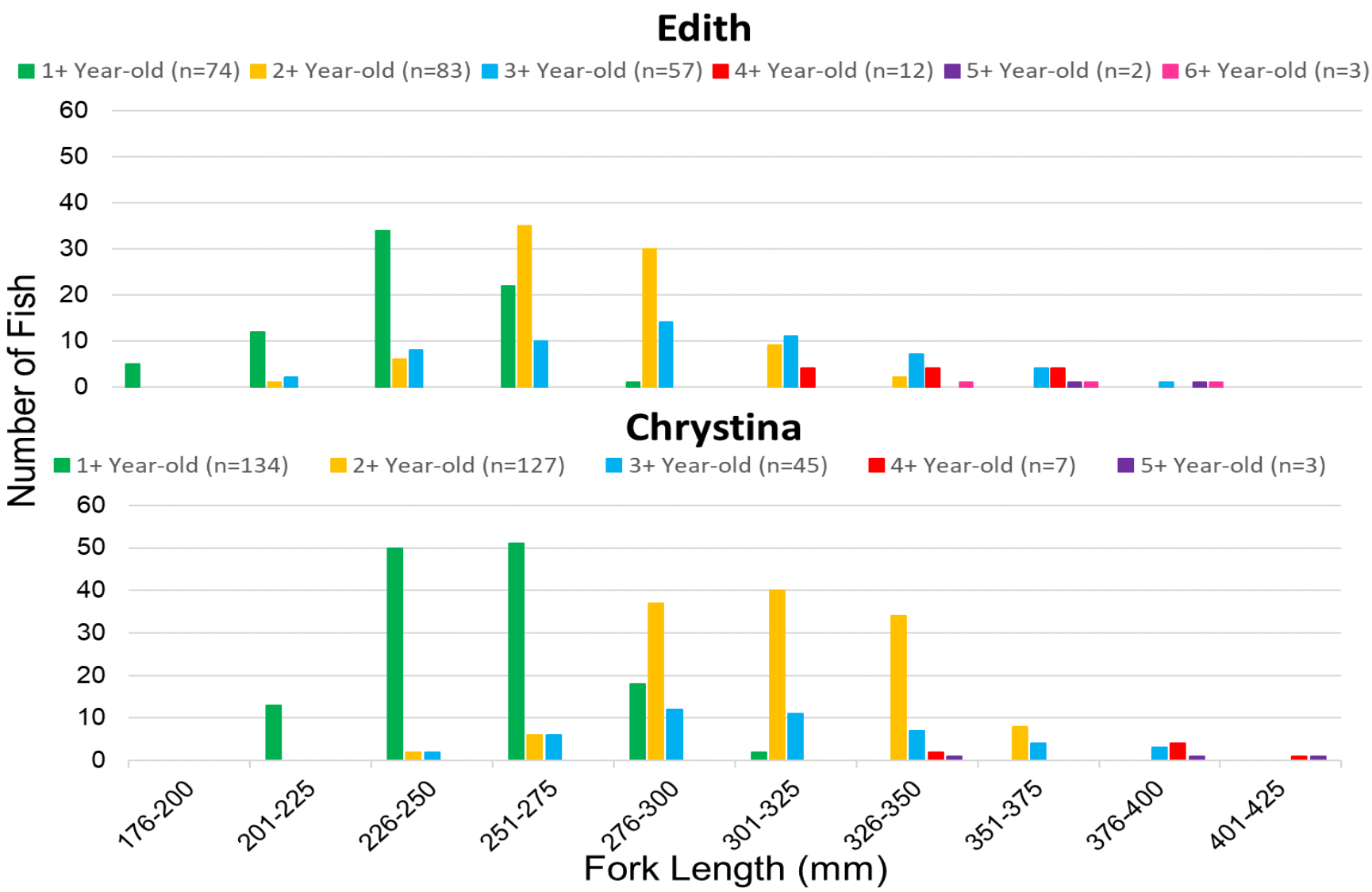
Average Fish Condition (Based on Average Condition Factor [K]) in Chrystina Lake and Edith Lake from 2017 to 2025

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date	06-Aug-26	drawn by	AVA	edited by	GY	app'd by	GR

PROJECT NUMBER:	FIGURE:
217085-56230	6

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2025 Fish Tissue Monitoring Program: Swan Hills Treatment Centre

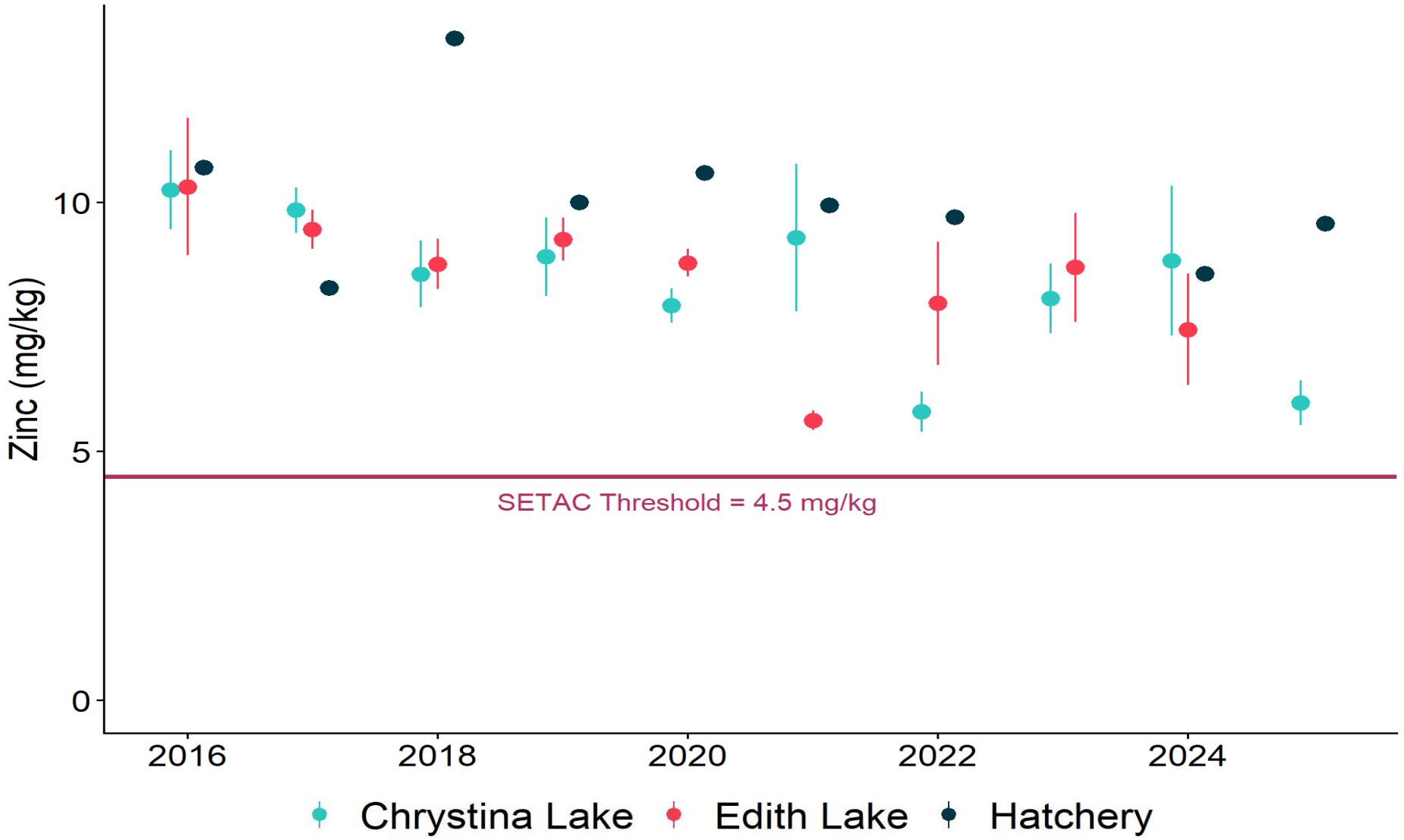
Length-Frequency Distributions of 1^{+} to 6^{+} Year-Old Brook Trout from Chrystina and Edith Lakes (2012 to 2025)

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PROJECT NUMBER:	FIGURE:
217085-56230	7



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2025 Fish Tissue Monitoring Program: Swan Hills Treatment Centre

Mean Zinc Concentrations from 2016 to 2025

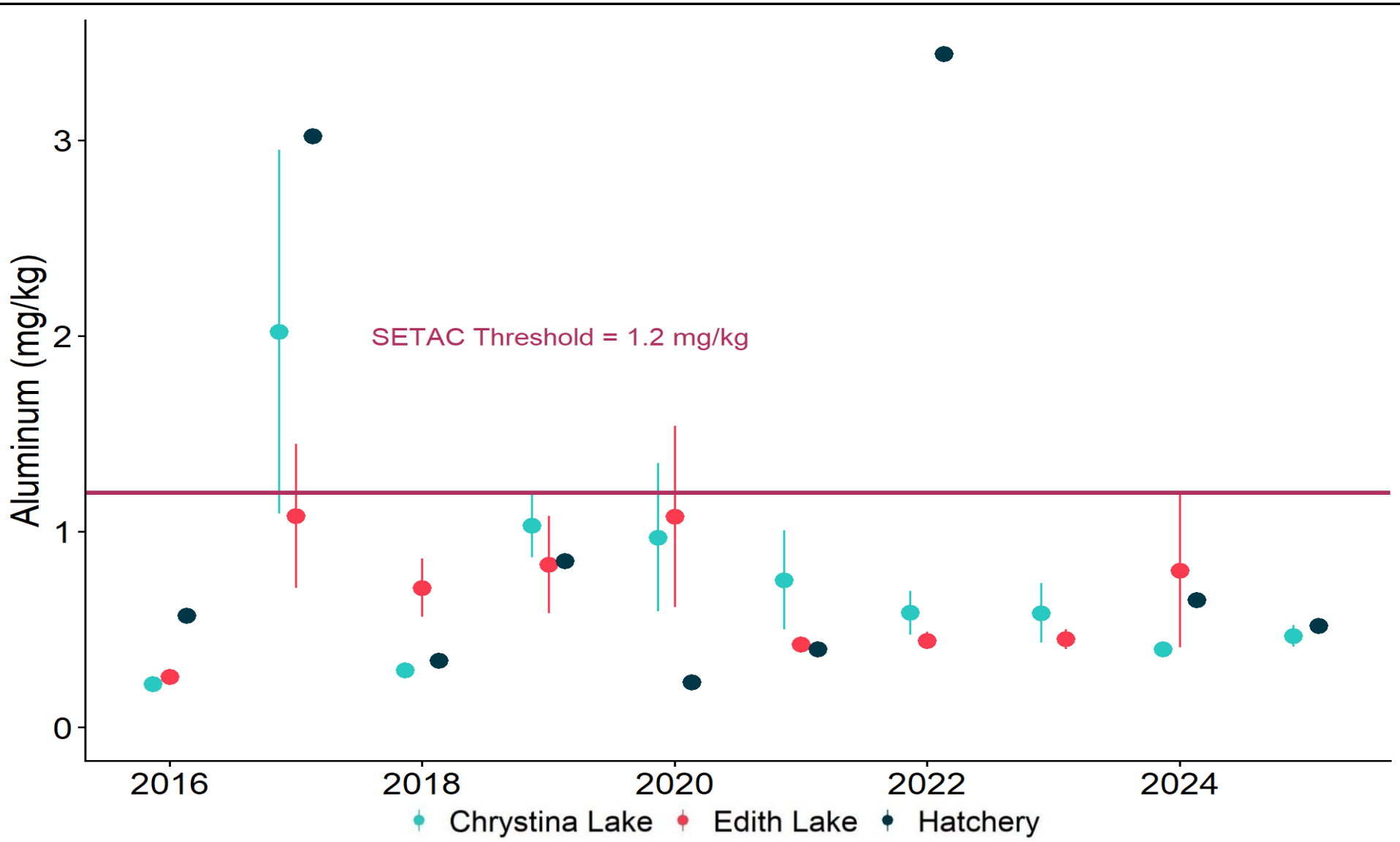
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date	06-Aug-26	drawn by	AVA	edited by	GY	app'd by	GR

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FIGURE: **8**

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2025 Fish Tissue Monitoring Program: Swan Hills Treatment Centre

Mean Aluminum Concentrations from 2016 to 2025

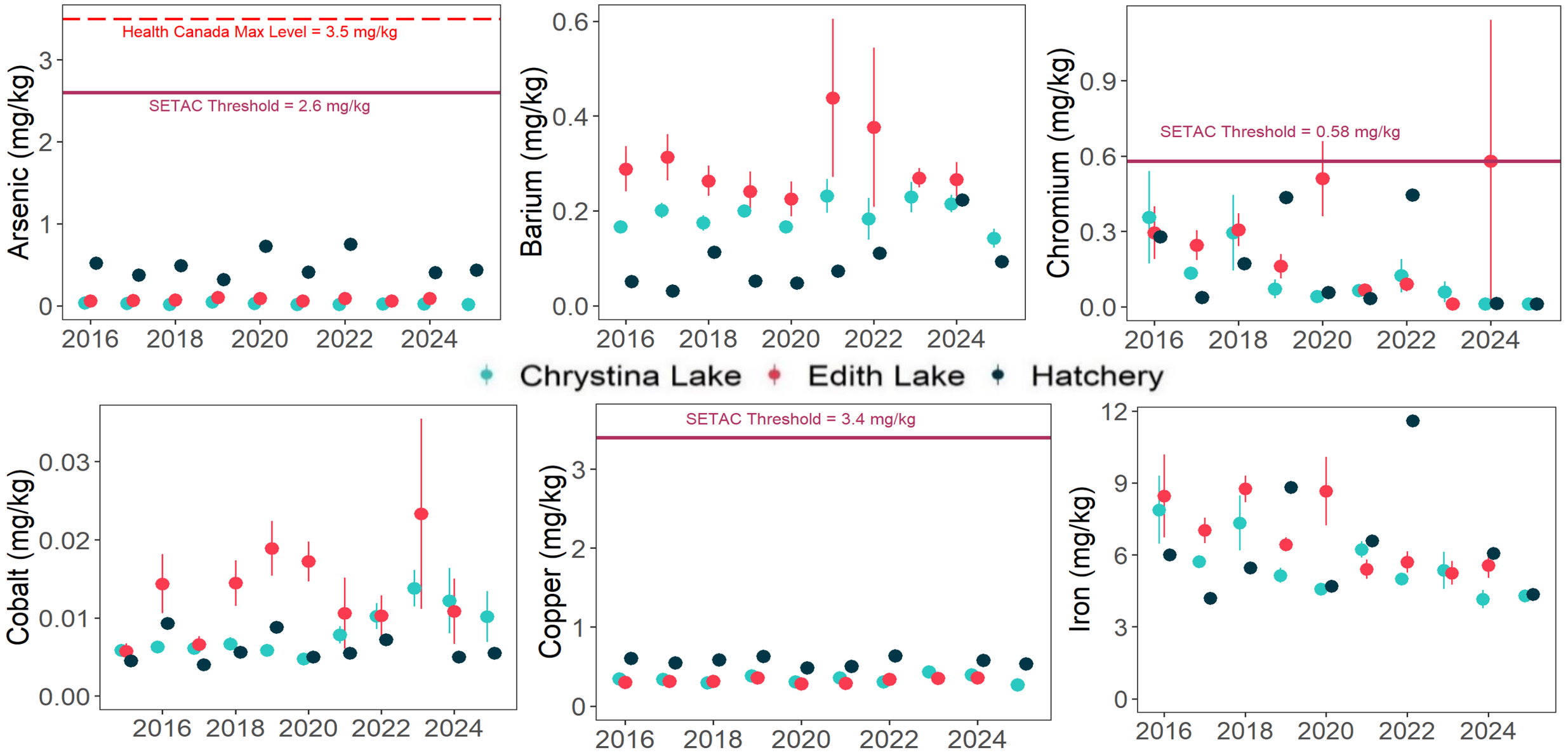
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PROJECT NUMBER: **217085-56230**

FIGURE: **9**

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2025 Fish Tissue Monitoring Program: Swan Hills Treatment Centre

Average Metal Concentrations in Chrystina Lake, Edith Lake, and Hatchery Brook Trout Fish Tissue (2016 to 2025)

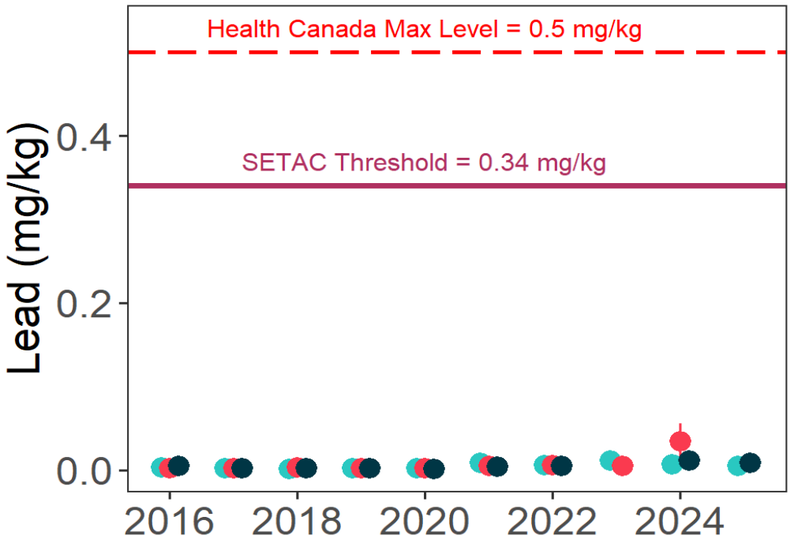
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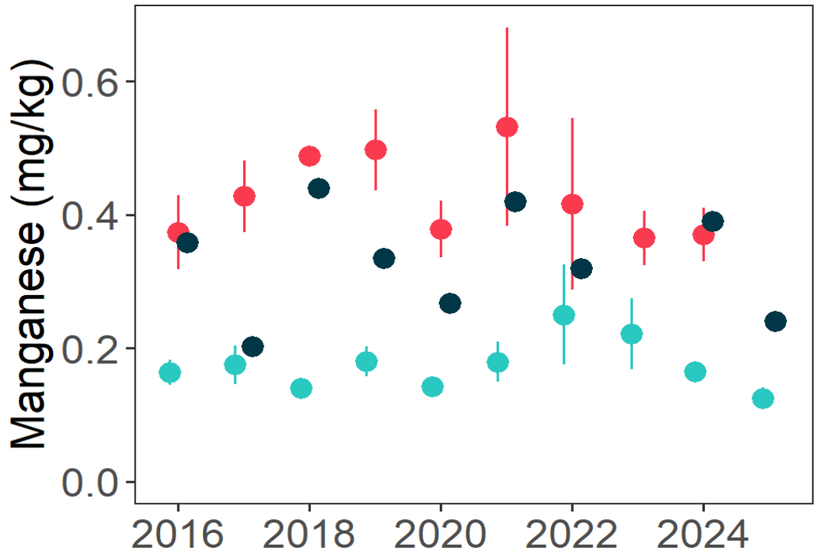
date	drawn by	edited by	app'd by
06-Aug-26	AVA	GY	GR

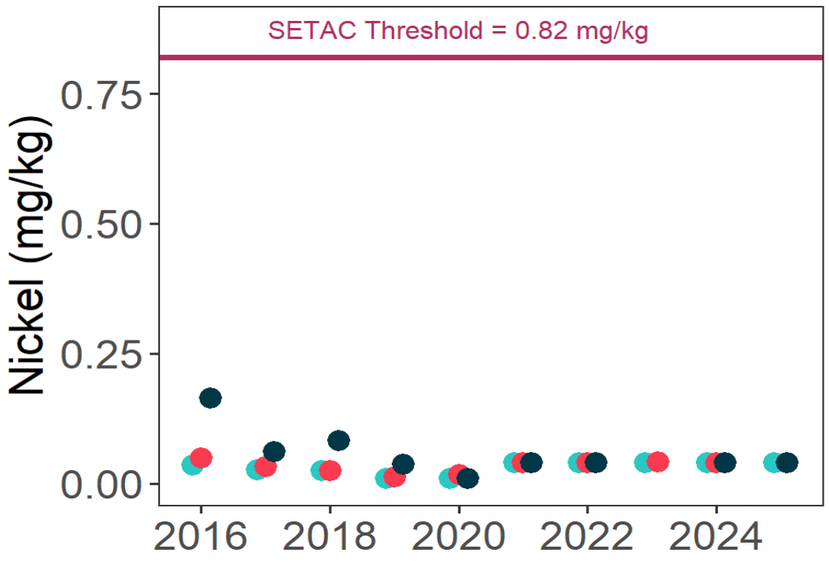
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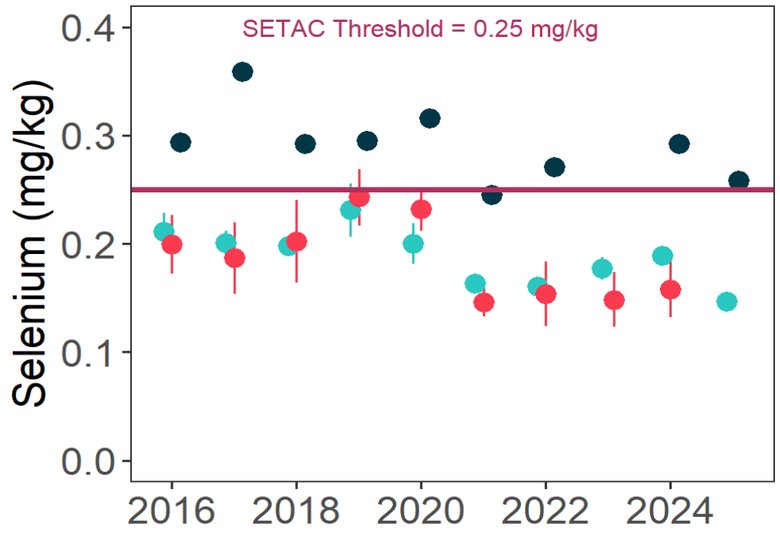
FIGURE: 10a

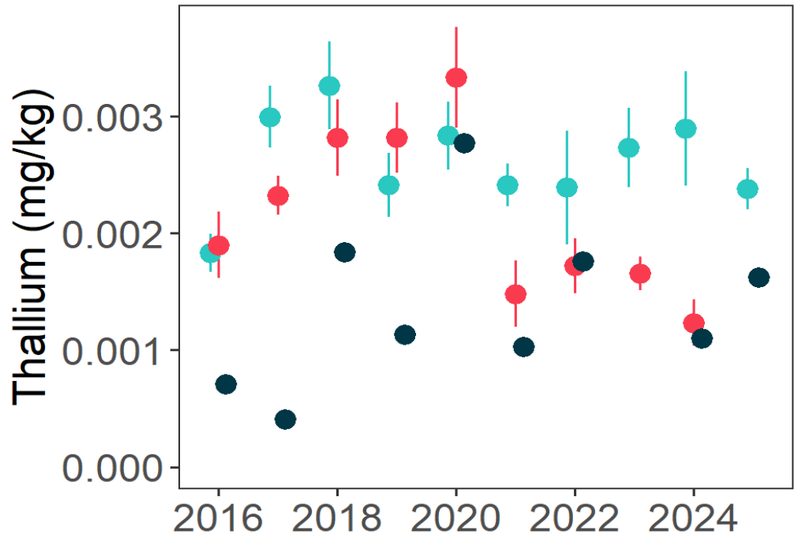
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Chrystina Lake Edith Lake Hatchery

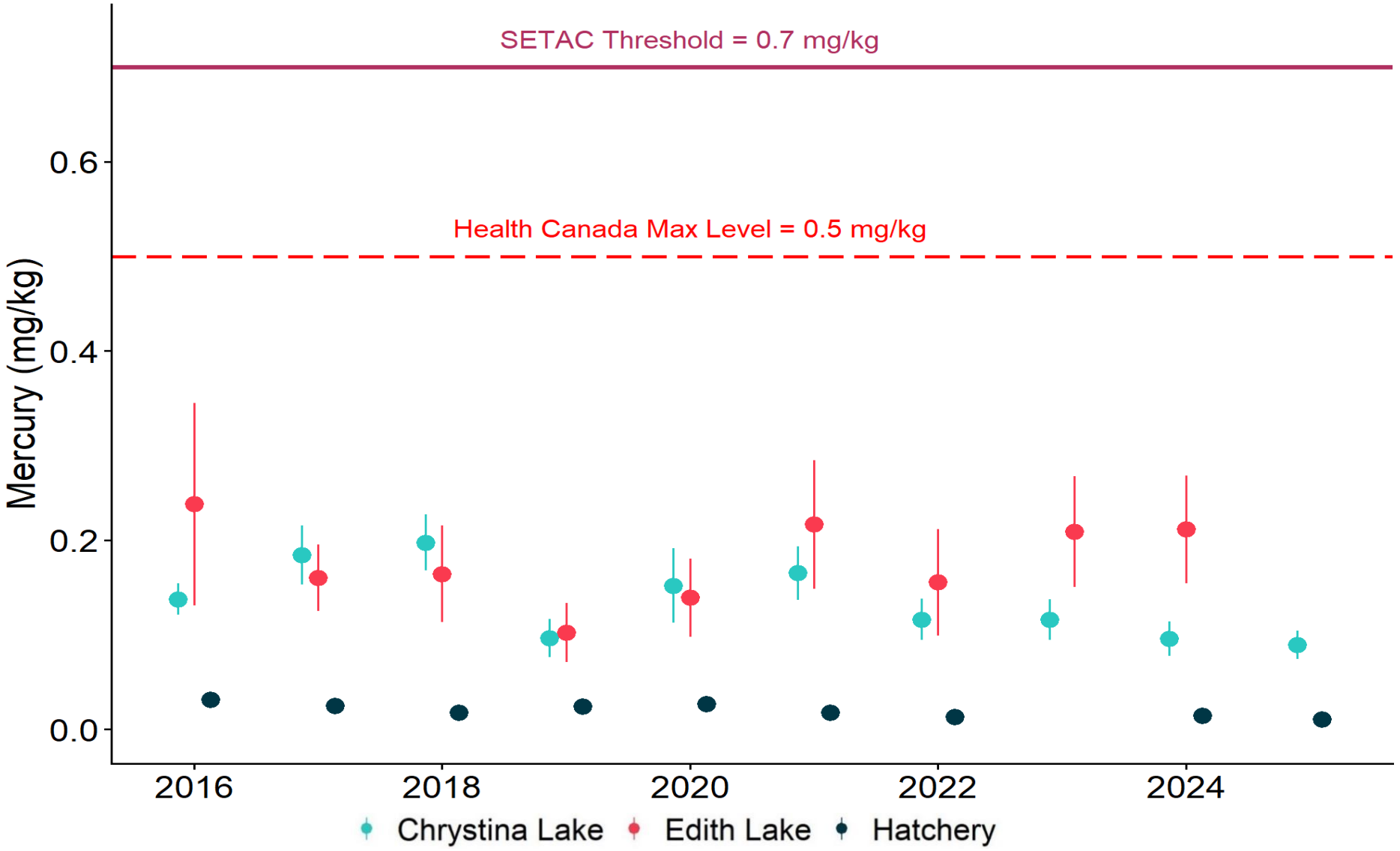
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2025 Fish Tissue Monitoring Program: Swan Hills Treatment Centre
Average Metal Concentrations in Chrystina Lake, Edith Lake, and Hatchery Brook Trout Fish Tissue (2016 to 2025)

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date	drawn by	edited by	app'd by	PROJECT NUMBER:	FIGURE:
06-Aug-26	AVA	GY	GR	217085-56230	10b

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2024 Fish Tissue Monitoring Program: Swan Hills Treatment Centre

Mean Mercury Concentrations from 2016 to 2025

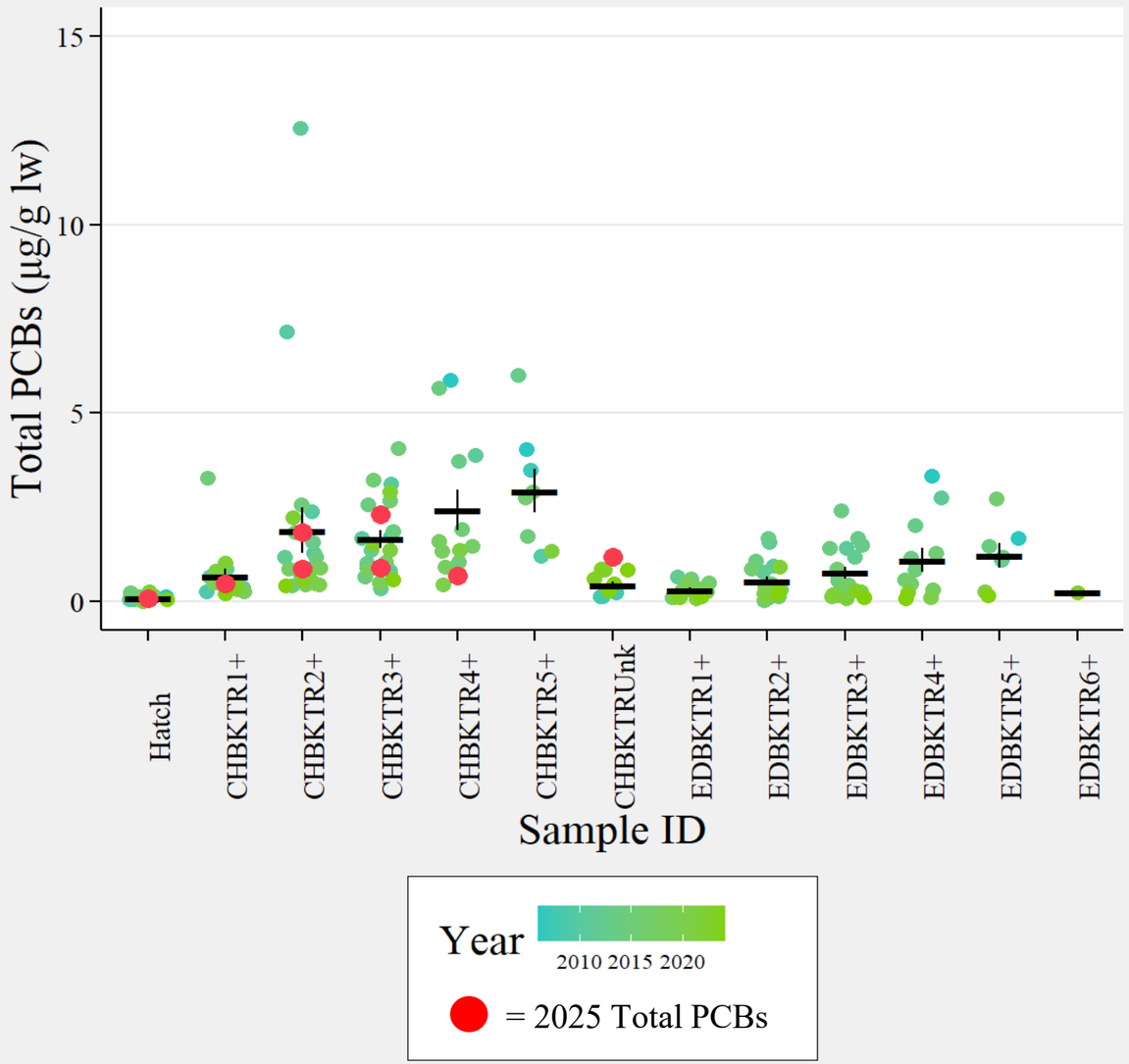
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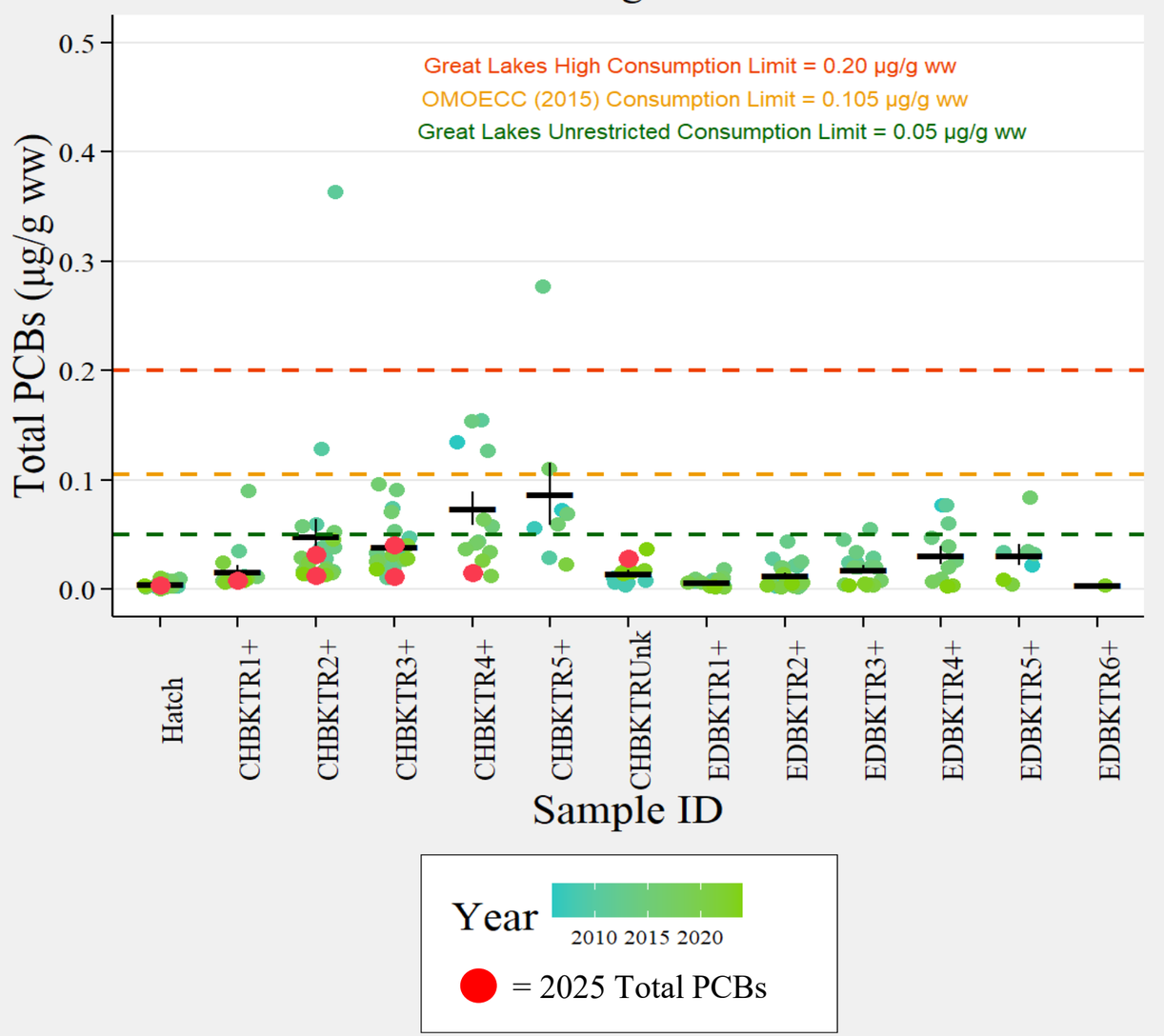
date	06-Aug-26	drawn by	AVA	edited by	GY	app'd by	GR

PROJECT NUMBER: **217085-56230**

FIGURE: **11**

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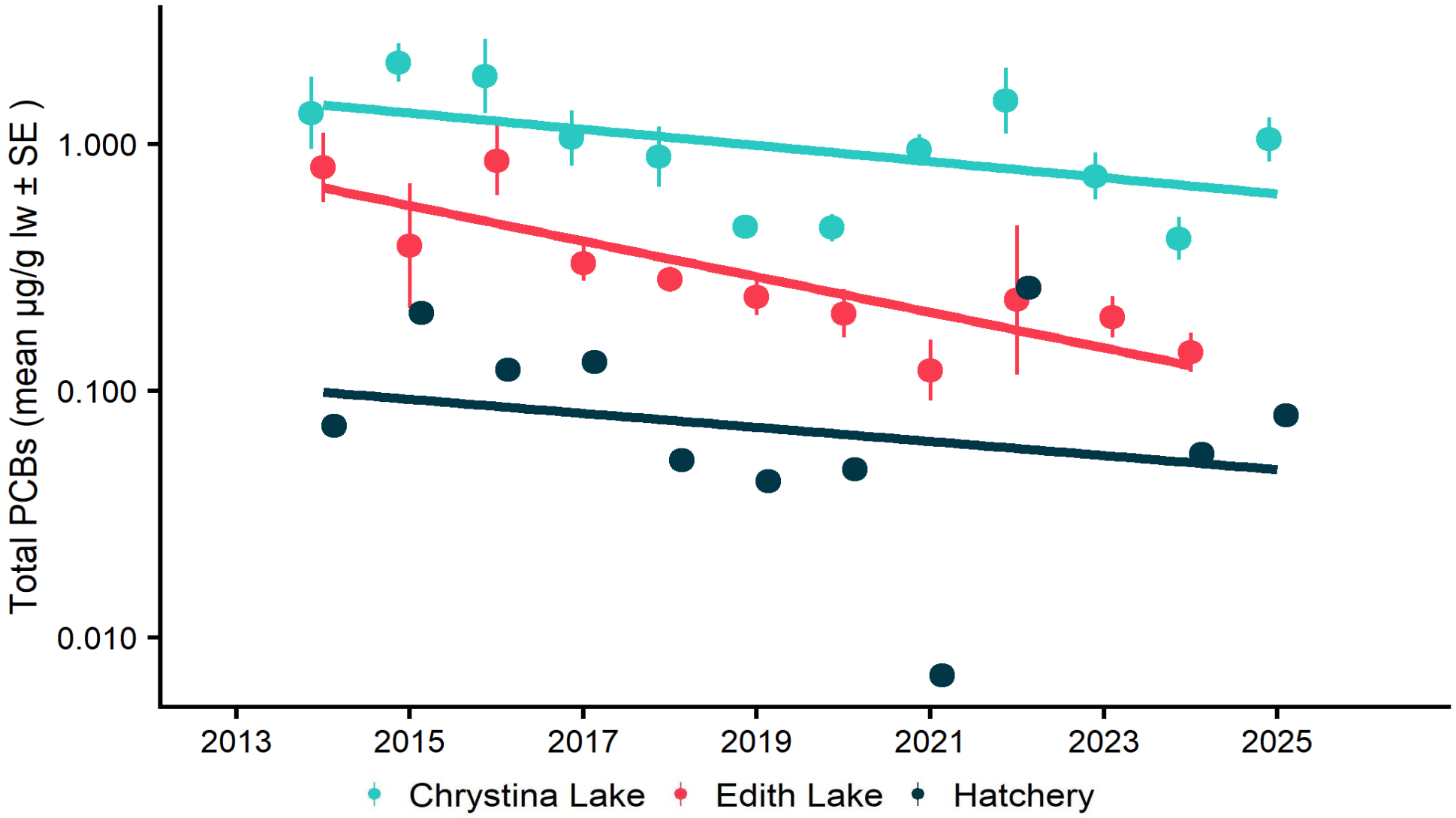
2025 Fish Tissue Monitoring Program: Swan Hills Treatment Centre

Total PCB Summary (1^+ to 6^+ Year-Old Brook Trout between 2006 and 2025)

date	drawn by	edited by	app'd by
07-Aug-26	AVA	GY	GR

PROJECT NUMBER:	FIGURE:
217085-56230	12

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2025 Fish Tissue Monitoring Program: Swan Hills Treatment Centre

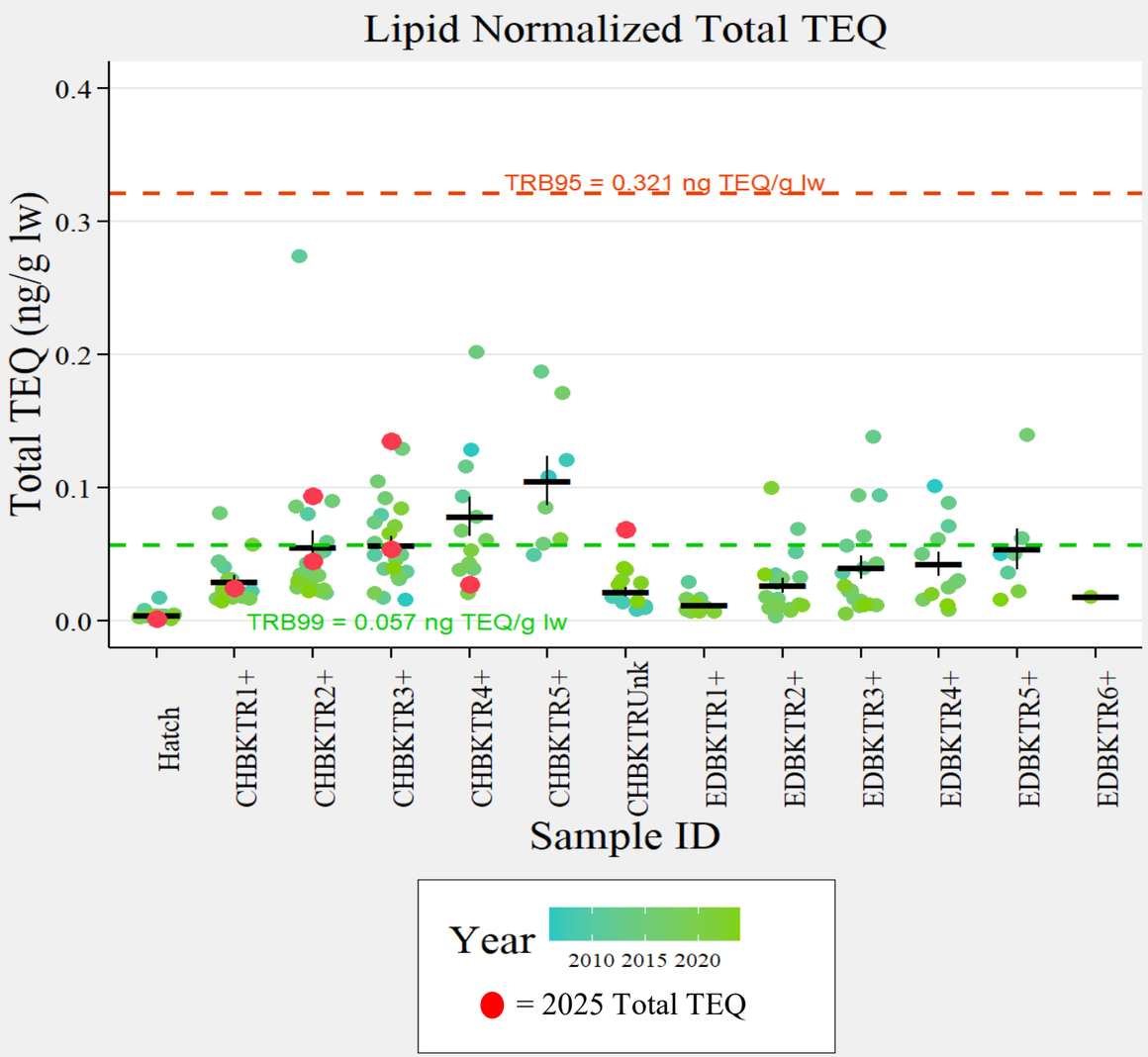
Total PCB_{Lipid} Concentrations in Chrystina and Edith Lake Brook Trout (2013 to 2025)

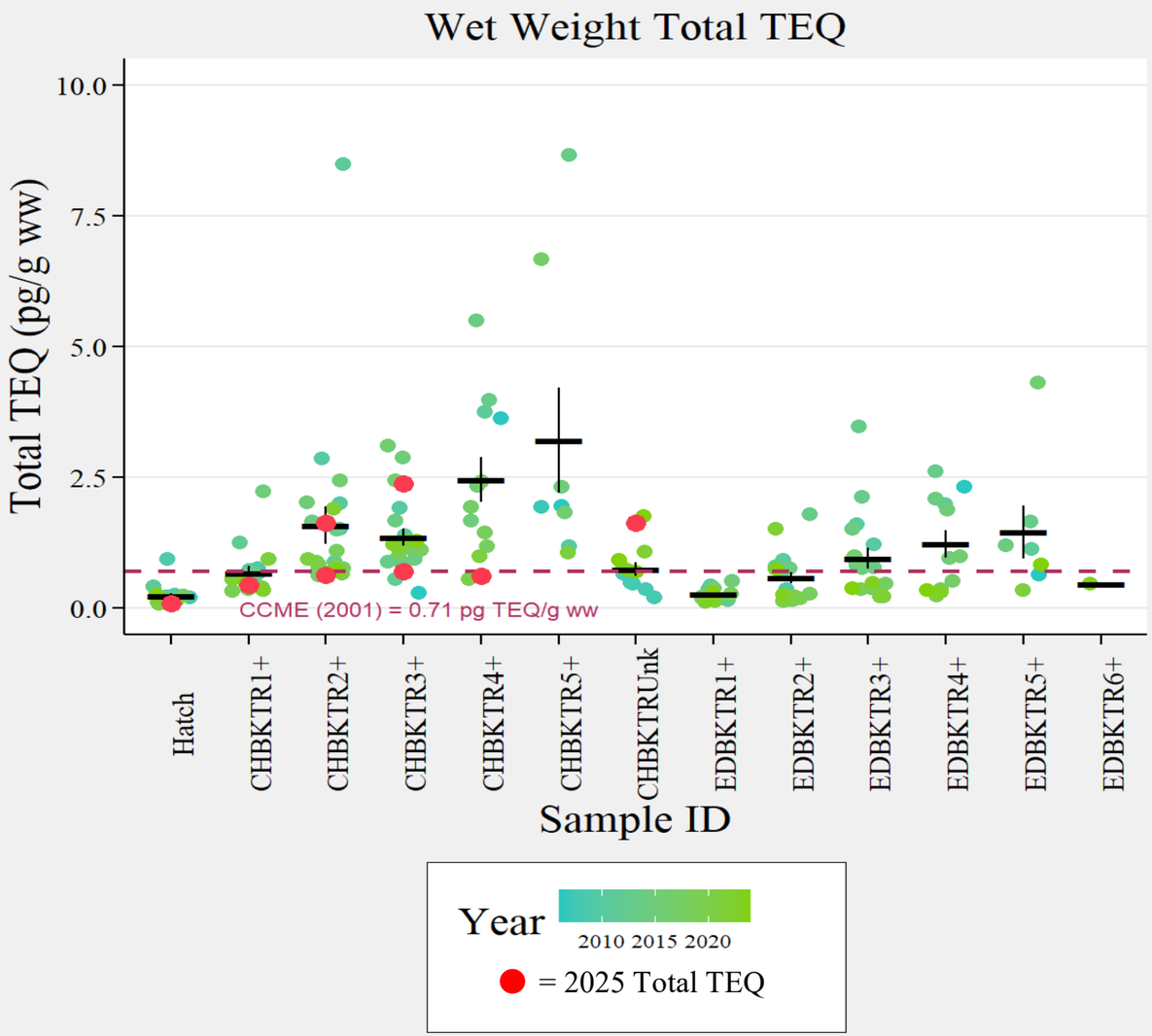
worley consulting

date	07-Aug-26	drawn by	AVA	edited by	GY	app'd by	GR

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PROJECT NUMBER:	FIGURE:
217085-56230	**13**





Notes: Left - Total TEQ adjusted based on lipid content for comparison with tissue residue benchmarks (TRB) protective of 95% and 99% of fish species present (Steevens et al. 2005).
Right - Total TEQ based on wet weight tissue concentrations for comparison with CCME (2001) tissue residue guidelines for the protection of wildlife consumers of aquatic biota.

Veolia Waste Services Alberta Inc.

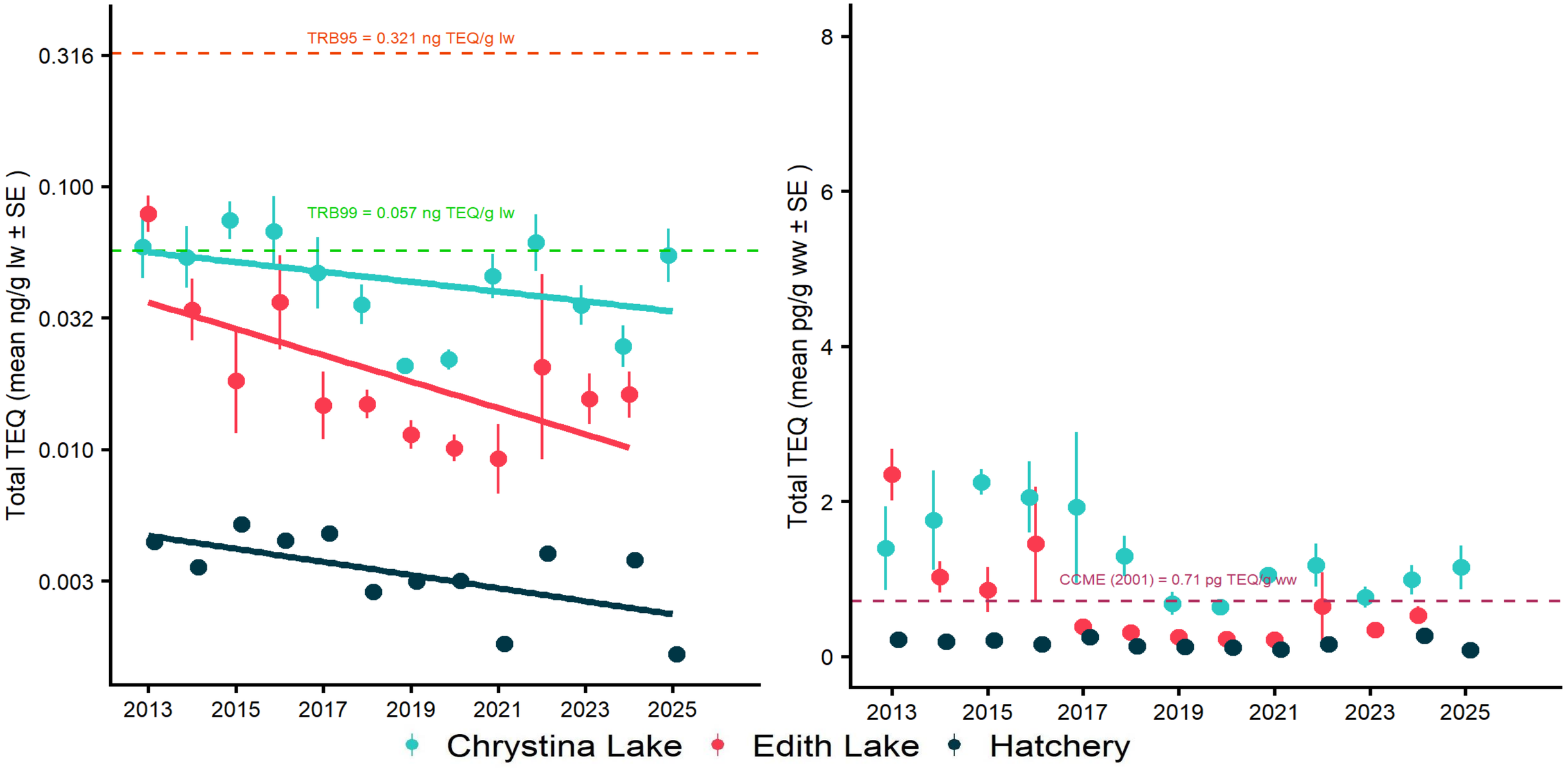
2025 Fish Tissue Monitoring Program: Swan Hills Treatment Centre

Total TEQ Summary (1+ to 6+ Year-Old Brook Trout between 2006 and 2025)

worley consulting

date	drawn by	edited by	app'd by	PROJECT NUMBER:	FIGURE:
07-Aug-26	AVA	GY	GR	217085-56230	14

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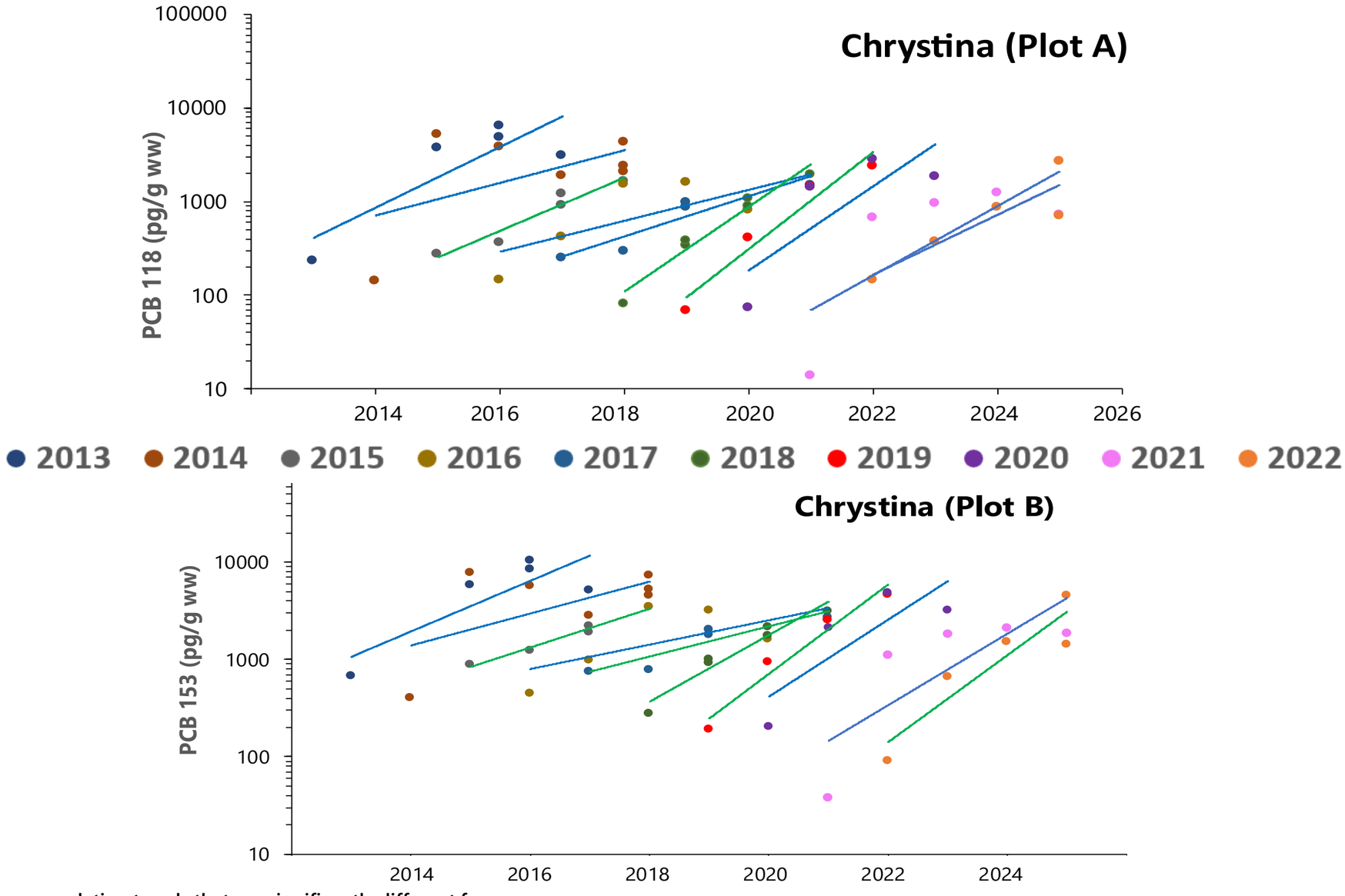
Veolia Waste Services Alberta Inc.

2025 Fish Tissue Monitoring Program: Swan Hills Treatment Centre

Lipid Normalized and Wet Weight Total TEQs for Chrystina and Edith Lake Brook Trout (2013 to 2025)

date	drawn by	edited by	app'd by	PROJECT NUMBER:	FIGURE:
07-Aug-26	AVA	GY	GR	217085-56230	15

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Note: Green lines denote accumulation trends that are significantly different from zero

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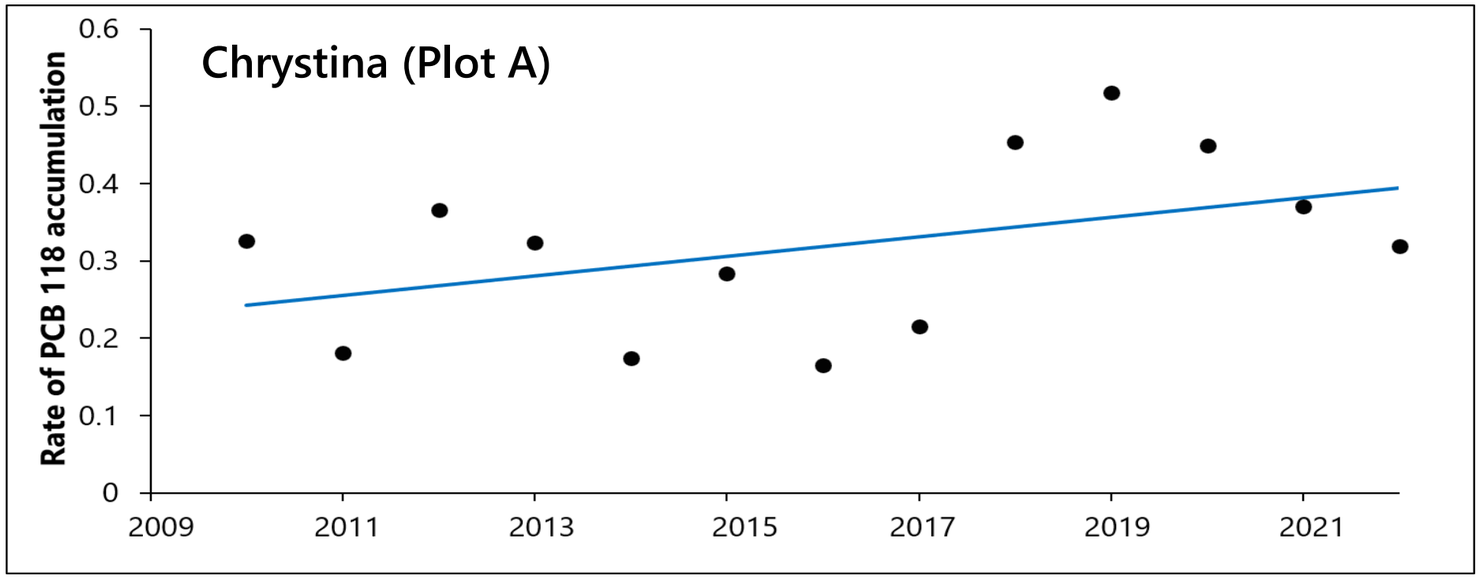
2025 Fish Tissue Monitoring Program: Swan Hills Treatment Centre

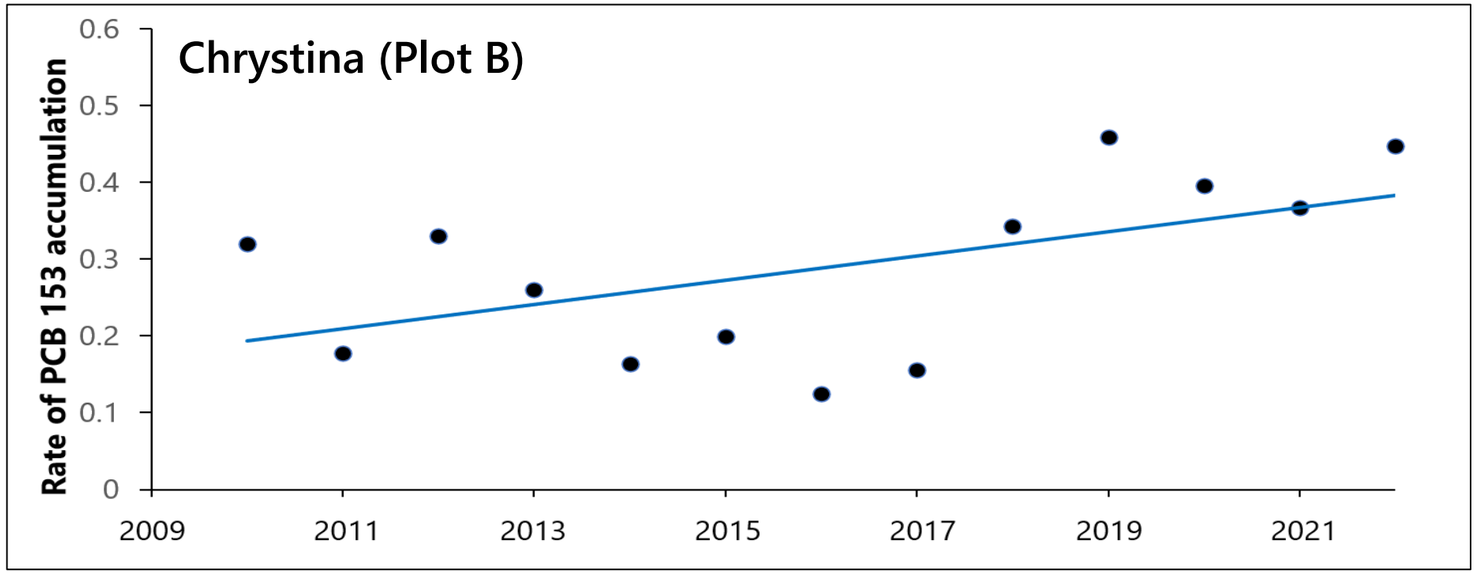
Trends in PCB 118 and 153 Concentration in Brook Trout Tissue in Chrystina Lake and Edith Lake for Cohorts Originating 2013 to 2022

worley consulting

date 07-Aug-26	drawn by AVA	edited by GY	app'd by GR	PROJECT NUMBER: 217085-56230	FIGURE: 16

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Note: Blue lines denote accumulation trends that are not significantly different from zero

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2025 Fish Tissue Monitoring Program: Swan Hills Treatment Centre

Rates of PCB 118 and 153 Accumulation in Brook Trout Tissue in Chrystina Lake for Cohorts Originating 2010 to 2022

date	drawn by	edited by	app'd by	PROJECT NUMBER:	FIGURE:
12-Aug-26	AVA	GY	GR	217085-56230	17

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Appendix A. Background Information

Appendix A - Background Information

A.1 Environmental Setting

The facility is in the Swan Hills Uplands of Central Alberta, which has the highest elevations (1000 to 1200 metres above sea level [masl]) in the province, east of the Rocky Mountain Foothills (Earth Tech 2005). The facility is within the Athabasca River Watershed, approximately 65 km west from the Athabasca River, and is near the headwaters of four tributaries of the Coutts River. Natural drainage from the facility flows eastward via the Coutts River, ultimately flowing into the Saulteaux River and the Lesser Slave River, downstream of Lesser Slave Lake.

Regional climate data is available from the Environment Canada Whitecourt A Climate Station (Climate ID – 3057376) which is approximately 70 km south from Swan Hills, Alberta and at a lower elevation (Whitecourt – 782 masl; Swan Hills – 1210 masl). The Freeman Auto Climate Station (Climate ID - 306BGCQ), operated as part of the Alberta Climate Information Service (ACIS), provides local climate information near the facility. Historical wind velocity data (at a height of 30 m above ground level) measured as part of the air quality monitoring program has indicated that the prevailing wind direction is from the west to northwest (WorleyParsons 2010). Review of climatic information available from the ACIS at 10 m above ground confirms the prevailing wind direction documented historically by the EMP (ACIS 2020).

The facility is in the Boreal Uplands Ecoregion (GOA 2005) and vegetation surrounding the facility is characteristic of the Upper Foothills Natural Subregion (Natural Regions Committee 2006). This subregion is dominated by mature and old growth lodgepole pine (*Pinus contorta*), successional white and black spruce (*Picea glauca, Picea mariana*) species found in well and poorly drained sites, respectively, and balsam fir (*Abies balsamea*) (Allen et al. 2005). Within the immediate area of the facility, black spruce together with Labrador tea and feathermoss are the dominant vegetation types (Earth Tech 2005).

Surficial geological material consists of a clay loam textured glacial till mantle with a mean thickness of approximately 10 m (Earth Tech 2005). The till contains occasional pebbles and quartzite, chert, and granite, with inclusions of local bedrock materials, including shale and coal. Below the surficial geologic material, for the next 30 m, are several layers of green, grey and brown shale followed by the Wapiti formation sandstone, which is typically encountered from 40 to 50 m below ground level (Earth Tech 2005).

The estimated volume of Chrystina Lake is 1,568,000 m^3 and its mean retention time is estimated to be between three and four years (Chem-Security 1991). Bathymetric surveys in 2012 and 2014 measured water as deep as 10.5 m (WorleyParsons 2013, 2015) and depths of 11.5 m have been reported historically (Chem-Security 1991). Edith Lake has a volume of 676,000 m^3.

A.2 Field Methods

A.2.1 Coded Wire Tagging

Tags are implanted each Winter/Spring at the hatchery using a Mark IV Automatic Tag Injector® developed by Northwest Marine Technology Inc. After tagging, fish pass through a Quality Control Device® (QCD) to confirm the presence of the CWT following implantation (Photo A-1). Personnel gently wipe the snout of each fish between tag injection and the QCD check to ensure that each tag penetrated the snout of the brook trout properly. Tags from a subsample of four to five brook trout are recovered at the time of tagging to ensure tags are injected accurately into the fish snouts (Photo A-2). The remaining tagged fish are returned to the hatchery raceway and stocked into Chrystina and Edith lakes. Fish captured during the summer field program are checked for the presence of a CWT before dissection using a handheld sensor. The CWTs are recovered following dissection and codes are read using a hand-held twenty-five power microscope with illumination (MagniViewer®). Historical stocking and coding information used since the start of the tagging program are provided in Table A-1.

Table A-1: Chrystina and Edith Lake Stocking and Tagging Information (2012 to 2024)

Stocking Year	CWT Code	Age in 2024	Number of Fish Stocked per Lake	Stocking Date	Average Size (cm)
2012	62-02-66	13+	2,100	May	18.0
2013	62-02-69	12+	2,100	May	17.0
2014	62-02-88	11+	1,554	2 June	18.1
2015	62-02-91	10+	2,100	2 June	21.4
2016	62-03-23	9+	2,100	23 May	22.4
2017	62-03-30	8+	2,100	29 May	20.3
2018	62-03-33	7+	1,210	21 May	21.0
2019	62-03-37	6+	1,600	27 May	21.3
2020	13-01-09	5+	1,800	1 June	22.3
2021	13-01-11	4+	2,100	25 May	20.4
2022	13-01-12	3+	2,100	25 May	19.1
2023	13-00-01	2+	1,550	6,7 June	21.4
2024	13-00-03	1+	1,550	4 May (Chrystina) 20 June (Edith)*	21.3
2025	13-01-13	1+	2,600	22 May	19.1

Notes:
Average size is determined using the relationship between the number and overall weight of fish stocked and is estimated using previously measured subsamples of hatchery salmonids; these measurements therefore do not represent the measured average size of stocked brook trout.
Stocking information from Alberta Government Stocking Reports Government of Alberta (2012, 2013, 2014, 2015, 2017, 2018a, 2018b, 2019, 2021a, 2021b, 2022, 2023, 2024, and 2025).
*Late stocking at Edith Lake was due to unfavorable weather conditions resulting in impassable roads to access the lake.

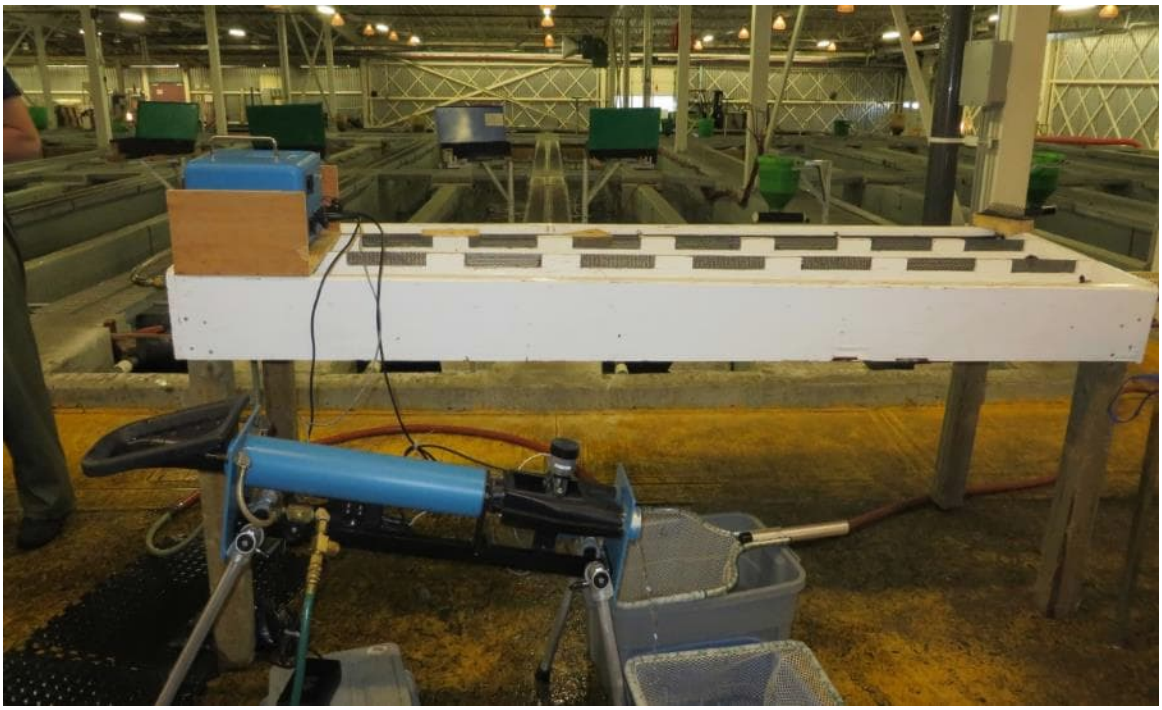


Photo A-1: Coded Wire Tag Injection and QCD System at the CLFH (April 5, 2017)

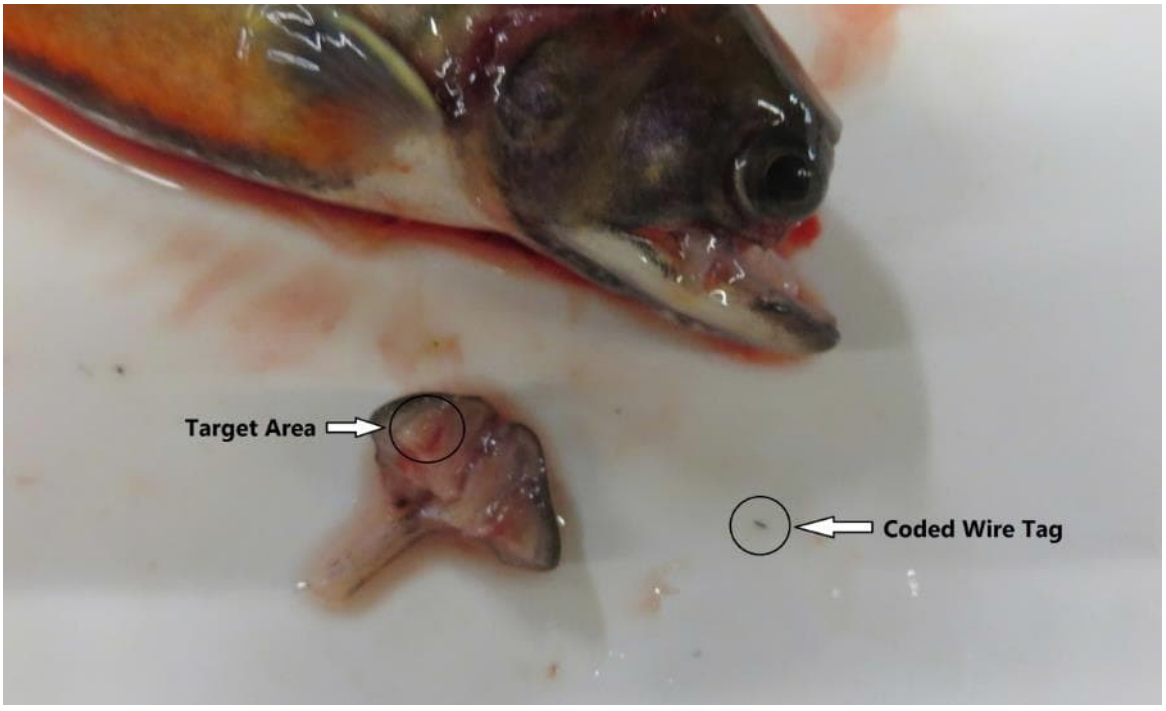


Photo A-2: Example of Coded Wire Tag Target Location (April 4, 2017)

A.2.2 Specimen Collection

Multi-panel gill nets of various lengths, depths, and mesh sizes were deployed for periods of one hour (Table A-2). Nets were deployed near suitable brook trout habitats and areas with high fish density in Chrystina and Edith lakes. These areas were identified using historical catch data, and historical bathymetric mapping (WorleyParsons 2015). Water depth and GPS coordinates in UTM (NAD83) were recorded at each end of gill nets during deployment. Fyke nets were also deployed in Chrystina Lake in 2025. Two nets were deployed for just under 24 hours.

Table A-2: Multi-Panel Gill Net Dimensions for 2025 Specimen Collection

Net Type (Floating/Sinking)	Net Depth (m)	Total Net Length (m)	Mesh Sizes (mm)
Sinking	0.9	20.0	63,89,114
Sinking	2.0	25.0	63
Sinking	2.0	30.0	50, 70
Floating	2.4	45.7	59,64,80

Notes:
Mesh sizes provided are based on stretched mesh measurements.

Gill netting and fyke netting CPUE is based on the number of fish captured per day of deployment per square meter of net area (fish/day/m^2). CPUE was determined for each set deployed and the overall CPUE reported for each lake is the average CPUE of all sets in each lake.

A.2.3 Dissection Methods

All fish captured were identified to species, measured, and processed in the field as soon as possible following collection. Brook trout and white sucker kept for tissue analysis were brought to a temporary workstation on the shore. The workstation was covered in plastic (i.e. standard garbage bags) and equipped with dissection tools, a filleting knife, and a glass dissection surface (Photo A-3). The exterior of each fish was examined before dissection for signs of environmental stress such as abnormalities of the eyes, fins, gills, and mouthparts. Fork length, total length, and body weight were recorded, and photographs of each specimen were taken (Photo A-4).

Brook trout were checked for the presence of a CWT using a Blue Wand® tag detector. If a CWT was detected, then the snout was removed and placed into a labelled coin envelope for recovery and reading off-site. Envelopes with fish snouts were scanned for a CWT to ensure that the tag had been properly recovered. Scales removed from above the lateral line and pelvic fins were the aging structures collected from white sucker.



Photo A-3: Typical Dissection Workstation on Shore of Chrystina Lake during FTMP (September 24, 2025)



Photo A-4: Specimen Photo of One of Largest BKTR Captured in Program History during the 2024 FTMP Sampling Program (August 14, 2024)

The body cavity of each fish was inspected for visible abnormalities, and any irregularities were documented. Brook trout stocked into Chrystina and Edith lakes are triploid and gonads typically have substantially reduced development or are completely absent. If gonads are present the brook trout sex is identified, and gonads are weighed. For each brook trout, the liver and bile from the gall bladder were collected and archived for possible future use. Liver tissue accumulates both metals and organic compounds preferentially (Authman et al. 2015) and often is used to determine the presence and concentration of contaminants in fish. Bile is also collected in syringes and sent with liver samples.

Muscle tissue samples were obtained by filleting each side of the fish. Scales and epidermis were not removed to retain as much fatty tissue as possible in each sample; organic contaminants such as PCBs, dioxins, and furans are lipophilic, do not metabolize easily, and are more likely to be found in the fatty tissues of fish (Van den Berg et al. 2006). Analysis of the muscle tissue with skin and fat attached is a more conservative approach (i.e. will not underestimate body burdens of these compounds) than analyzing muscle tissue only. This approach also was based on input from local stakeholders who suggested that some people consume fish with skin. For analysis of organic compounds, fillets were wrapped in aluminum foil washed with hexane-acetone and placed in zip lock bags. For analysis of trace metals, fillets were not wrapped in aluminum foil, but placed directly in labelled zip-lock bags and stored on dry ice. Aluminum foil was not handled before fillets for metal analysis were packaged to avoid potential cross contamination. Fillets were frozen for approximately two weeks until preliminary fish tagging data could be reviewed to determine sample composition. Individual fish were sorted by age class, and up to ten fillets from each age class were combined as composited samples, where feasible. Tissue samples from older fish or from those age classes represented by single brook trout were analyzed individually. Fish tissue samples sorted by age were submitted to the analytical laboratory for compositing and homogenization. Samples collected in 2025 were processed and analyzed for inorganic and organic contaminant concentrations at the ALS Canada Ltd (ALS) laboratory in Burlington, Ontario.

A.3 Laboratory Analyses

A.3.1 Organic Analysis

Sampling and analyses have been approximately the same since 1995 when congener-specific PCB analysis was first introduced, but different numbers of PCB congeners have been analyzed during the program with more individual PCB congeners analyzed recently. Congener-specific PCB analyses have been based on United States Environmental Protection Agency (USEPA) method 1668C since 2006. PCB data were collected before 2006 but are not presented in this report given that comparability with recent data is limited because of changing analytical methods. Detection limits were reduced in 2013 when SGS AXYS Analytical Services Ltd. (SGS AXYS) began doing the organic analyses. In 2021, these similar methods were used by ALS Laboratories (ALS) in Burlington.

In 2025, two samples were analyzed using congener-specific PCB analysis for quality control purposes but most samples were analyzed for dioxin-like PCBs and a set of seven marker PCBs that have been established to assist with environmental and human health risk assessment. While previous analyses have based on high-resolution gas chromatography (GC)/mass spectroscopy (MS), the new methods used for the PCB marker subsets are based on GC/MS/MS.

A.3.1.1 Homologue Groups

PCB homologues are groups of PCB congeners with the same number of chlorine atoms and range from monochlorobiphenyls with one (mono-) chlorine substitution to decachlorobiphenyls with ten (deca-) chlorine substitutions. The total concentration and proportion of each homologue group was reported for samples collected for the FTMP from congener-specific results from 2006 to 2024. Penta-, hexa-, and hepta- homologues are the most abundant homolog groups in brook trout tissue from Chrystina and Edith lakes based on these analyses. Whereas these homologue groups represent 53% of the 209 PCB congeners, they typically account for approximately 85% of the total PCBs in Chrystina Lake and Edith Lake brook trout. Concentrations of less-substituted homologs are consistently low, particularly in Chrystina Lake, which could be a function of preferential excretion of less-chlorinated biphenyls (Niimi and Oliver 1983). Studies have suggested that lower chlorinated biphenyls are more easily excreted than those that are more highly substituted (Van der Oost et al. 2003). Low concentrations of highly chlorinated groups most likely reflect lower concentrations environmentally and low bioavailability (Mcfarland and Clarke 1989). The proportions of highly chlorinated (nona-/deca-) and less chlorinated (mono- to tetra-) PCB homologs are generally higher in brook trout from Edith Lake and the hatchery.

There are no tissue quality criteria based on homologue group concentrations and results have been consistent over the approximately 20 years of congener-specific PCB sampling for the FTMP. The concentrations of these groups were removed from the FTMP in 2025 when the analytical methods changed to focus on the concentrations of marker PCB congeners to track total PCB concentrations.

A.3.1.2 Toxic Equivalency Calculation

The toxic effects of coplanar PCBs are based on their ability to interact with the aryl hydrocarbon receptor, sometimes referred to as the dioxin receptor. This receptor is a part of the cytochrome P-450 monooxygenase system, which incorporates a group of enzymes that breakdown xenobiotic compounds such as PCBs, dioxins, and furans. Coplanar PCBs produce toxic effects similar to dioxins and furans, because they have a similar flat molecular structure imparted by the positions of the chloride substitutions. Consequently, coplanar PCBs also are referred to as dioxin-like PCBs.

Toxicity of coplanar PCBs, dioxins, and furans can be quantified by combining their respective toxic effects into a single toxic equivalency quotient (TEQ) given their similar toxicity mechanisms. The TEQ approach uses the toxic equivalence factor (TEF) method, which is based on the concept of dose addition. This concept can be used to combine the toxicity of individual dioxin and dioxin-like compounds in a mixture into a single TEQ metric that can be used to facilitate risk assessment and regulatory control. The TEQs calculated during the FTMP are based on the 2005 World Health Organization (WHO) TEFs for mammals that express the toxicity of each dioxin, furan, and coplanar PCB relative to the most toxic form of dioxin (Van den Berg et al. 2006).

Tissue concentrations measured during the FTMP for coplanar PCBs, dioxins, and furans are multiplied by their TEF and values are summed to provide TEQs for each sample.

Substituting full detection limits for measurements below detection tends to overestimate TEQ, whereas substituting a concentration of zero potentially underestimates TEQ (WorleyParsons 2016, Advisian 2017). Consequently, measurements below detection are replaced with half the detection limit value to calculate TEQ. Substituting non-detections with half the detection limit is widely accepted in Canada for risk assessment programs (Health Canada 2010). Analytical interferences between specific PCB coelutions or congeners can occur during the EPA 1668C method, resulting in tissue concentrations that are reported as estimated maximum potential concentrations. Worley includes tissue concentrations flagged as estimated maximums in TEQ calculations for the FTMP to provide consistency with historical data and to avoid underestimating TEQ.

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Environment and Protected Areas

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North Region – Boreal District
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Suite #1 250 Diamond Avenue
Spruce Grove AB T7X 4C7
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https://www.alberta.ca

February 10, 2026

File No.: 0202-1744

Louisa Ramsey
EHS & Lab Manager
Veolia Waste Services Alberta Inc.
(formerly SUEZ Canada Waste Services Inc.)
Swan Hills Treatment Centre
Bag 1500
Swan Hills, AB T0G 2C0

Delivered via Email: louisa.ramsey@veolia.com

Dear Ms. Ramsey:

RE: Letter of Authorization (LOA): To Extend the Environmental Monitoring Program (EMP) Report Submission Date
Alberta Infrastructure & Veolia Waste Services Alberta Inc.
***Environmental Protection and Enhancement Act* (EPEA) Approval No. 1744-03-00**

Thank you for your email dated January 7, 2026 requesting authorization to extend the Fish Tissue Monitoring Report and Human Health Risk Assessment Report submission date, as part of the Environmental Monitoring Program (EMP) monitoring report submission, as required in the EPEA Approval 1744-03-00. Alberta Environment and Protected Areas (EPA) has reviewed your request relative to the *Environmental Protection and Enhancement Act* (EPEA) and the terms and conditions of the approval.

In accordance with Condition 4.10.4 of the Approval 1744-03-00, this letter serves as an authorization for the approval holder to implement the following changes to the EMP:

1. the approval holder shall submit the 2025 Fish Tissue Monitoring Report to the Director before September 30, 2026, instead of March 31, 2026; and
2. the approval holder shall submit the 2025 Human Health Risk Assessment Report to the Director before September 30, 2026, instead of March 31, 2026.

In addition, EPA reminds you of your obligation to comply with the other requirements within your current Approval. It is your responsibility to retain a copy of this letter and have it available for review, along with Approval No. 1744-03-00, as amended when requested by EPA staff conducting an inspection.

If you have any questions or concerns, please contact Hao Shi at 780-960-8631 or via email to Hao.Shi@gov.ab.ca.

Regards,

Fidelma.Horgan Digitally signed by Fidelma.Horgan
Date: 2026.02.10 10:34:48 -07'00'

Fidelma Horgan, P.Eng.
Designated Director under the Act

cc: Hao Shi, EPA

Classification: Public

Environment and Protected Areas

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August 7, 2025

File No.: 0202-1744

Louisa Ramsey
EHS & Lab Manager
Veolia Waste Services Alberta Inc.
(formerly SUEZ Canada Waste Services Inc.)
Swan Hills Treatment Centre
Bag 1500
Swan Hills, AB T0G 2C0

Delivered via Email to: louisa.ramsey@veolia.com

Dear Ms. Ramsey:

RE: Letter of Authorization: to change the Environmental Monitoring Program (EMP) Procedures
Alberta Infrastructure & Veolia Waste Services Alberta Inc.
***Environmental Protection and Enhancement Act* (EPEA) Approval No. 1744-03-00**

Thank you for your email dated July 18, 2025, requesting authorization to change the Environmental Monitoring Program (EMP) procedures as required in the EPEA Approval 1744-03-00. Alberta Environment and Protected Areas (EPA) has reviewed your request relative to the *Environmental Protection and Enhancement Act* (EPEA) and the terms and conditions of the approval.

In accordance with Condition 4.10.5 of the Approval 1744-03-00, this letter serves as authorization for the approval holder to implement the following changes to the Environmental Monitoring Program (EMP):

1. Fish tissue sampling and analysis frequency at the Edith Lake for the Fish Tissue Monitoring Program (FTMP) and the Human Health Risk Assessment (HHRA) for fish consumption is reduced from once per year to once per two years;
2. If the approval holder will not conduct the 2025 fish tissue sampling and analysis at Edith Lake, the approval shall conduct the fish tissue sampling and analysis event in 2026; and
3. The analytical methods for all polychlorinated biphenyls (PCBs) analysis can be changed from the congener-specific PCBs analysis method to the coplanar and Interference-Causing Equipment Standard No. 7 (ICES-7) marker PCBs analysis method.

In addition, EPA reminds you of your obligation to comply with the other requirements within your current Approval. It is your responsibility to retain a copy of this letter and have it available for review, along with Approval No. 1744-03-00, when requested by EPA staff conducting an inspection.

If you have any questions or concerns, please contact Hao Shi at 780-960-8631 or via email to Hao.Shi@gov.ab.ca.

Regards,

Fidelma.Horgan Digitally signed by Fidelma.Horgan
Date: 2025.08.07 15:35:03 -06'00'

Fidelma Horgan, P.Eng.
Designated Director under the Act

cc: Hao Shi, EPA

Appendix B. Quality Assurance/Quality Control Report

Appendix B – QA/QC Tables

B.1 Introduction

The Quality Assurance/Quality Control (QA/QC) program for the fish tissue monitoring program (FTMP) at the Swan Hills Treatment Centre (SHTC) ensures data is reliable, reproducible, and verifiable. Quality-control criteria historically used to assess data quality during the monitoring program were adopted primarily from the Alberta QA/QC guidelines for water sampling (AENV 2006). These criteria are based largely on analytical characteristics of water samples, and criteria for other matrix types, such as fish tissue, are limited. Matrix type can influence analytical results substantially because the potential for interference increases and sample homogeneity is reduced in solid matrices given that mixing does not occur readily. Where applicable, quality control criteria have been adopted from the Canadian Council of Ministers of the Environment (CCME) Guidance Manual for Environmental Site Characterization in support of Environmental and Human Health Risk Assessment (CCME 2016). Quality criteria in the CCME guidance document are based mainly on water and soil/sediment matrices. Tissue sample matrices are more comparable with soil/sediment, so criteria for these have been used for the QA/QC program (CCME 2016).

Both internal and external quality controls have been employed to address data accuracy, precision, bias, and to identify sources of potential contamination during analysis. Internal quality controls carried out by each analytical laboratory include method blanks, spike blanks, matrix spikes, calibration checks, and internally split duplicate samples. The external component consists of procedures carried out by personnel outside of the analytical laboratories and includes reference materials and an externally split duplicate sample.

Method blanks were used to identify potential contamination with laboratory equipment and ensure that contaminants from outside sources do not influence results. Analyzed variables should remain below the detection limit since there are no analytes present in the blank material. Variables that have detections in the method blank may be overestimated at low concentrations because of contamination introduced during analysis. Results for analytes with detections in the method blank are flagged in the laboratory report. Low-level detections in the method blank have occurred historically during polychlorinated biphenyl (PCB) analysis. The number and magnitude of these detections is monitored each year during the QA/QC review.

Matrix spikes were used to identify laboratory bias. Concentrations measured in spiked samples were compared with concentrations reported in the parent material of the associated spike and a percent recovery was calculated. The acceptable ranges for spiked sample percent recoveries are based on ranges recommended by the CCME and include: 50% to 140% for PCBs, 50% to 150% for dioxins and furans, and 70% to 130% for metals (CCME 2016). Variables with percent recoveries outside of these ranges and with concentrations above the detection limit may be biased and analysis should be repeated, or qualified if re-analysis is not feasible or yields similar results.

Duplicate samples were used to estimate the precision and reproducibility of results. Concentrations reported for parent (A) and duplicate samples (B) were compared by calculating the RPD between the samples as:

$$RPD\ (\%) = \frac{|A - B|}{\frac{(A + B)}{2}} * 100$$

The quality control limit for RPD is 50% for PCBs, 40% for dioxins and furans, and 30% for most metal variables. The QA/QC program also adopted a limit of 40% for several metals including: aluminum, barium, mercury, potassium, lead, molybdenum, silver, and sodium based on the CCME recommendation for solids (CCME 2016). These higher RPD criteria account for greater heterogeneity in tissue samples than in water samples, on which the previous limits were based, as well as the reproducibility inherent in the analytical method for each type of contaminant. Variables with an RPD greater than the respective criteria are qualified and may not be reliably reproducible. Precision is expected to decrease the closer the reported value is to the detection limit, therefore RPD values are most relevant for concentrations exceeding five times the detection limit (AENV 2006). An RPD value was calculated for all samples with duplicates where both results were above the detection limit, regardless of the standard five times detection limit criterion to ensure that no deviations escaped scrutiny.

Metal concentrations were measured in an aliquot of the DORM-5 certified reference material (CRM) to act as an external control for the inorganic QA/QC program in 2025. Concentrations measured in the CRM were compared with reference ranges based on the reference value and 95% confidence limit determined by interlaboratory analyses. An additional analytical uncertainty of ±25% was applied to the upper and lower limits given the uncertainty inherent in the laboratory analysis. Metals with CRM concentrations outside the reference range were flagged and tissue residue results have been qualified where applicable.

Reference material concentrations measured for organics (PCBs, dioxins, and furans) were compared with reference values and acceptable reference ranges for NIST 1974c. This material is mollusk tissue with similar consistency to fish fillets that has been spiked with trace levels of PCBs. Notably, the NIST 1974c reference material does not provide reference values for dioxins and furans, therefore only comparisons for PCBs were included in the 2025 FTMP. Most dioxin and furan values in tissues analyzed during the FTMP are below detection, therefore reference materials used previously often have higher concentrations than those observed in tissues analyzed during the FTMP. Reference ranges for target analytes are based on the average concentration from interlaboratory analyses plus-or-minus the 95% confidence interval. Reference ranges for NIST-1974c are slightly higher than historical PCB concentrations in Chrystina Lake and Edith Lake brook trout.

Concentrations measured in external reference materials were divided by the corresponding reference value to determine the laboratory bias for each analyte. The laboratory bias value indicates the magnitude and direction of potential bias associated with the analytical results. Values greater than 1 indicate laboratory bias towards higher concentrations since the reported concentration exceeded the concentration of the reference material, whereas values less than 1 indicate a bias towards lower concentrations.

B.2 Metal Tissue Analysis QA/AC

Metals results for QA/QC samples for the 2025 FTMPs are summarized and compared with quality control limits in Table B.1.

B.2.1 Internal QA/QC

Internal controls used for inorganic analyses in 2025 include a method blank, matrix spike, and internally split duplicate (Table B.1). Percent recoveries for the matrix spike sample were within quality control criteria (70% to 130%) and ranged from 84.2% to 111%. No metals were detected in the method blank (Table B.1).

The 1^+ year-old brook trout from Chrystina Lake (CHBKTR 1^+) was analyzed as the internal duplicate in 2025. The RPDs for this sample ranged from 1% to 45% with an average of 13.92%. Aluminum is the only metal with a RPD outside quality control criteria in 2025.

B.2.2 External QA/AC

An external reference material and externally split duplicate sample are the external quality controls used for the metals QA/QC program in 2025. The sample of 3^+ year-old brook trout from Chrystina Lake (CHBKTR3A$^+$) was split during sample preparation and the tissue was separated into discrete aliquots for duplicate analysis (Table B.1). The average RPD for the external duplicate analyses was 12% and ranged from 2% to 35%. The RPDs for cobalt and zinc exceeded the quality control criteria but concentrations were within five times the detection limit for either the parent or duplicate sample (Table B.1). Therefore, the limited reproducibility for these metals is most likely due to reduced precision as concentrations get closer to the detection limit.

Concentrations reported in the DORM-5 reference material were within the reference range for all metals. Average laboratory bias was 0.93.

B.3 Organic Tissue QA/QC

Analytical results for organic quality control samples in 2025 are summarized and compared with QA/QC limits in Tables B.2 and B.3. Internal controls included in the 2025 organics analysis also included a series of method blanks and matrix spikes, and an internally split duplicate sample. The CHBKTR 1^+ sample was analyzed as the internal duplicate and CHBKTR 3A$^+$ for the external duplicate for PCBs, dioxins, and furans for the 2025 FTMP.

The dioxin and furan duplicate had two RPDs exceeding 40% (for OCDD and 2,3,7,8-TeCDF) in both the internal and external duplicates (Table B.3). The average RPD for the internal duplicate for dioxin and furan was 41% with a range of 18 to 62%, and the external had an average of 67% with a range of 65% to 69%. The RPD for the external duplicate was higher than the 40% range, prompting conversations with the lab about how duplicates are processed for future analyses.

Two method blanks were analyzed using the historical EPA1996C method as well as the new GC-MS-MS method. There were no detections of PCBs, dioxins or furans found within the method blanks in 2025. This is uncommon, especially when historically concentrations above detection in method blanks are common for highly substituted dioxins and furans analyzed during the FTMP.

Low-level detections of PCBs, dioxins and furans are not likely a result of analytical methods used in 2025. Percent recoveries for dioxins and furans ranged from 63% to 87% with an average of 75.6% which was a little lower than historical results (Table B.3).

B.3.1 Marker PCB Analysis

In 2025, a new analytical method was used that focused on measuring only the twelve dioxin-like PCBs and seven marker PCBs including PCB 28, 52, 101, 118, 138, 153, and 180. Collectively these marker PCBs are referred to as the ICES7. Notably, PCB 118 is both a marker PCB and dioxin-like PCB, and was reported alongside the dioxin-like PCBs rather than the marker PCBs by the analytical laboratory. Therefore, total PCB concentrations reported by the laboratory were reported as the ICES6 which excludes PCB 118. In 2025, these PCBs were measured alongside the seven dioxins and ten furans that have been historically measured using GC/MS/MS. Historically, congener-specific PCB analysis has been used to determine PCB concentrations based on all 209 PCB congeners. Two samples (CHBKTR 3B^{+} and CHBKTR 4^{+}) were analyzed using both analytical methods in 2025 to determine the comparability between these two types of analysis. In addition, a modelling approach was used to estimate the total PCB concentration of all PCBs using the concentrations measured for the seven marker PCBs. This modelling approach was applied based on methods outlined by Gibson et al. (2017) to allow a consistent comparison with historical results. The modelling approach used is outlined in Figure A while the linear model produced using this method is provided in Figure B.

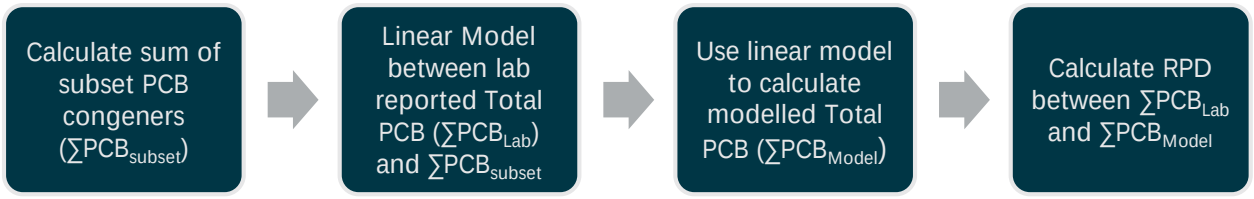


Figure A: Steps for modelling total PCB concentrations from marker PCB subsets

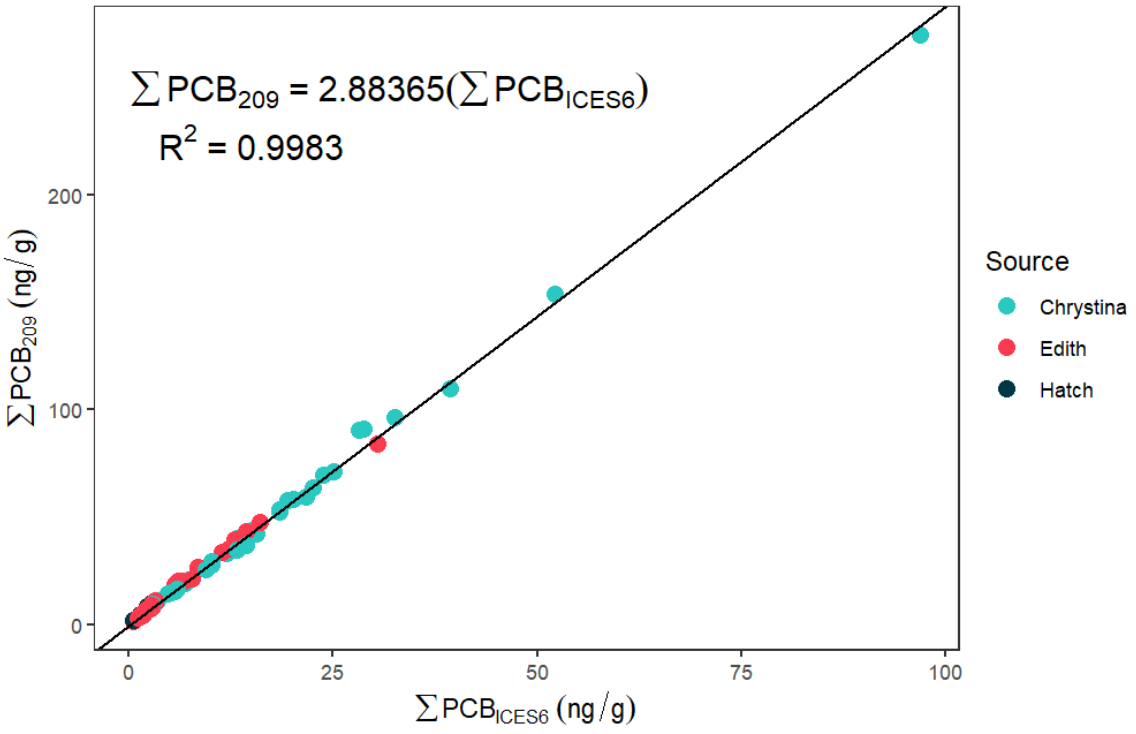


Figure B: Linear regression model between ICES6 marker PCB total and sum of all 209 PCB congeners in brook trout from Chrystina Lake, Edith Lake, and the hatchery from 2013 to 2019

Linear models were tested on three different subsets of PCBs to determine which model provided the most accurate estimation of modelled total PCB concentrations. These subsets included all PCBs analyzed in 2025 (dioxin-like PCBs + marker PCBs), only the ICES7 marker congeners, and the ICES6 marker congeners which excludes PCB 118. Linear models used data collected from 2013 to 2019 to develop the model because these analyses were completed by the same analytical laboratory using a consistent method over that time-period. Modelled total PCB concentrations (PCB_{Model}) and laboratory reported total PCB concentrations (PCB_{Lab}) from 2020 to 2024 were used to test the accuracy of the model by calculating an RPD between these measurements for each sample analyzed. By using data collected from 2020 to 2024, the accuracy of the model could be assessed using data that was independent from the data used to develop the model and included results from two different laboratories. Finally, the results from 2025 were compared between analytical methods to assess how the differing methods may affect accuracy of the model.

The results for each of the liner models tested are provided in Table A. The average RPDs for each of the subsets was below 10% and ranged from 0.01% to 6.2%. Notably, the RPDs reported between PCB_{Model} and PCB_{Lab} concentrations were lower than the RPDs reported for the duplicate samples analyzed in 2025. The model developed using the ICES6 marker PCBs had the highest R-square value and lowest average RPD (Table A). Therefore, the ICES6 subset of marker PCBs was used to model total PCB concentrations from 2013 to 2025 for completing trend analysis for total PCBs. This also allowed for calculated values to be taken directly from the lab report without the need for any manually calculated PCB totals.

Table A: Model statistics for linear regressions between total PCBs and subsets of dioxin-like/marker PCBs based on data from 2013 to 2019 and relative percent differences (RPDs) between PCB concentrations measured using congener-specific analysis of all 209 PCBs and modelled PCB totals from 2020 to 2024

PCB Marker Subset	Slope Parameter	R-Square	Average RPD (± SD)	Minimum RPD	Maximum RPD
Dion-Like PCBs + ICES7	2.19042	0.9980	1.84 ± 1.56	0.01	6.22
ICES7	2.40231	0.9983	1.66 ± 1.34	0.03	5.09
ICES6	2.88365	0.9982	1.28 ± 0.88	0.02	3.44

The PCB concentrations that were measured in the CHBKTR $3B^+$ and CHBKTR 4^+ samples using the congener-specific and subset methods in 2025 are summarized in Table B. Notably, many of the marker PCB congeners analyzed coelute with other PCB congeners during the congener-specific analysis and this conflates comparisons with the subset method used in 2025. The results for the CHBKTR $3B^+$ sample are variable between the two methods but within the differences observed for the duplicate analysis from 2025. This variability could potentially be related to heterogeneity of the tissue sample. The results for the CHBKTR 4^+ sample are relatively similar suggesting that the two analytical methods can provide similar results (Table B).

Table B: Comparison of PCB concentrations measured using congener-specific analysis of all 209 PCBs and subsets of dioxin-like/marker PCBs during 2025 FTMP

PCB Congener(s)	CHBKTR 3B+ Subset Concentration	CHBKTR 3B+ Congener-Specific Concentration	CHBKTR 4+ Subset Concentration	CHBKTR 4+ Congener-Specific Concentration
Dioxin-Like PCBs (pg/g)				
PCB 77	17.1	31.4	10.8	11.0
PCB 81	<2.3	1.20	<7.7	0.712
PCB 105	255	357	312	250
PCB 114	23.9	20.5	25.0	18.3
PCB 118	710	989	837	725
PCB 123	11.7	12.3	<17.0	11.4
PCB 126	5.05	7.35	<5.7	<5.2
PCB 156	91.8	135[1]	126	112[1]

PCB Congener(s)	CHBKTR 3B+ Subset Concentration	Congener-Specific Concentration	CHBKTR 4+ Subset Concentration	Congener-Specific Concentration
PCB 157	19.6	---	21.1	---
PCB 167	50.4	66.7	66.5	53.1
PCB 169	<0.38	3.89	<0.31	<4.1
PCB 189	8.79	10.5	12.5	11.0
Marker PCBs (ng/g)				
PCB 28	0.0385	0.0261[2]	0.0336	0.0192[2]
PCB 52	0.0993	0.1450	0.0837	0.0844
PCB 101	0.681	0.903[3]	0.688	0.585[3]
PCB 138	1.09	2.06[4]	1.36	2.31[4]
PCB 153	1.44	2.00[5]	1.89	1.81[5]
PCB 180	0.755	0.799[6]	1.20	0.776[6]
PCB Groupings				
ICES6 PCBs (ng/g)	4.11	5.93	5.26	5.58
Total PCBs (ng/g)	11.9[7]	16.5	15.2[7]	13.4
PCB TEQ[8] (pg TEQ/g)	0.554	0.903	0.621	0.678

Superscript 1 – Concentration reported as a coelution of PCB 156 and 157

Superscript 2 – Concentration reported as a coelution of PCB 20 and 28

Superscript 3 – Concentration reported as a coelution of PCB 90, 101, and 113

Superscript 4 – Concentration reported as a coelution of PCB 129, 138, and 163

Superscript 5 – Concentration reported as a coelution of PCB 153 and 168

Superscript 6 – Concentration reported as a coelution of PCB 180 and 193

Superscript 7 – Total PCBs presented for subset analysis is based on modelled PCB concentrations

Superscript 8 – PCB TEQ presented is calculated by replacing results below detection with the detection limit value

All samples were analyzed for dioxin-like PCB congeners and ICES7 marker PCB congeners for a total of 18 PCB congeners measured in each sample in 2025. The CHBKTR 1^+ and CHBKTR 4^+ samples were internally duplicated by the lab for these congeners, and the CHBKTR $3A^+$ sample was also split into duplicate samples. The average RPD of the lab duplicated samples were substantially different with the RPD for ten PCBs exceeding 50% for the CHBKTR 1^+ sample and none exceeding this criteria for CHBKTR 4^+. In addition, the average RPD for CHBKTR 1^+ was 45%, while the average RPD for the CHBKTR 4^+ sample was 10% in 2025 (Table B.2). The CHBKTR 3A+ duplicate had RPDs ranging from 42% to 67% and 14 of the 18 PCBs analyzed had RPDs exceeding the quality control limit of 50% for fish tissue.

Two samples were tested for all 209 PCB congeners and both analyses were internally duplicated for CHBKTR $3B^+$ and CHBKTR 4^+. The average RPD for the CHBKTR $3B^+$ duplicate for PCBs was 16% and ranged from 1% to 57% with two RPDs exceeding 50%, whereas the average RPD for the CHBKTR 4^+ duplicate was 20% and ranged from 1% to 137% with four RPDs exceeding 50%.

The quality control results from duplicate analyses of tissues using both the congener-specific analysis of all 209 congeners and methods focused on coplanar/marker PCBs suggests that concentrations are repeatable between the two methods. Concentrations of individual PCB congeners were similar between methods, and total PCB concentrations modelled using marker subsets were comparable with lab measurements of all 209 PCB congeners. High RPDs from duplicates analyzed using the same method suggests that sample heterogeneity contributes more to uncertainty than the analytical method used. Homogenization methods should be discussed with the laboratory to reduce sample heterogeneity and improve repeatability between aliquots from the same sample.

B.3.2 Organic Reference Materials

It is notable to include that at time of extraction, the EDF-5462 reference material used in 2023 was not available for use by the lab, instead reference material NIST 1974c was continued as the preferred reference material in 2025. With this new reference material concentrations of nine PCB congeners/coelutions were tested with two outside of reference range (Table B.2). The average laboratory bias was 1.07 with a range from 0.65 to 1.64. Dioxin and furan concentrations were not analysed for reference range exceedances in 2025 because the NIST 1974 reference material does not provide certified reference ranges for any dioxins or furans.

B.4 References

AENV (Alberta Environment), 2006. Guidelines for Quality Assurance and Quality Control in Surface Water Quality Programs in Alberta. Environmental Assurance Division, Environmental Monitoring and Evaluation Branch. Edmonton, AB. July 2006.

CCME (Canadian Council of Ministers of the Environment) 2016. Guidance Manual for Environmental Site Characterization in Support of Environmental and Human Health Risk Assessment: Volume 4 Analytical Methods. ISBN 978-1-77202-032-8 PDF

Gibson, P.P., M.A. Mills, J.M. Kraus, and D.M. Walters, 2017. A Modeling Approach to Compare ∑PCB Concentrations between Congener-Specific Analyses. Integrated Environmental Assessment and Management. 13(2):227-232.

Appendix B - Tables

Table B.1

Trace Metal Quality Control Results for Fish Tissue Analyses in 2025

Project Number: 21705-56230

	Sample Identification	Sample Date (d-m-y)	Aluminum #1 (mg/kg)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium #1 (mg/kg)	Beryllium (mg/kg)	Boron (mg/kg)	Cadmium (mg/kg)	Calcium (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead #1 (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Mercury #1 (mg/kg)	Molybdenum #1 (mg/kg)	Nickel (mg/kg)	Phosphorus (mg/kg)	Potassium #1 (mg/kg)	Selenium (mg/kg)	Silver #1 (mg/kg)	Sodium #1 (mg/kg)	Thallium (mg/kg)	Uranium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
	Hatchery 0+	24-Sep-25	0.52	0.0086	0.436	0.093	<0.0020	<0.20	0.0015	796	<0.010	0.0055	0.532	4.35	0.0084	319	0.24	0.0107	0.0062	<0.040	2720	3900	0.258	<0.0010	628	0.00162	<0.0040	<0.020	9.58
	Detection Limit **Method Blank**	07-Apr-2026	0.4 <0.4	0.002 <0.002	0.004 <0.004	0.02 <0.02	0.002 <0.002	0.2 <0.2	0.001 <0.001	5 <5	0.01 <0.01	0.004 <0.004	0.02 <0.02	0.5 <0.5	0.004 <0.004	1 <1	0.1 <0.1	0.0062 <0.00625	0.004 <0.004	0.04 <0.04	2.00 <2	4.00 <4	0.01 <0.01	0.001 <0.001	5.00 <5	0.0004 <0.0004	0.004 <0.004	0.02 <0.02	0.1 <0.1
	Spike Blank **(% Recovery)**	07-Apr-2026	96.2	97.6	96.4	98.7	85.4	86.9	87.9	91.4	91.6	91.5	94.2	111	87.8	101.0	91.6	84.2	96.7	91.7	93.6	98.7	85.9	84.4	95.8	90.5	89.6	95.4	91.0
Precision Between Samples	**INTERNAL DUPLICATE** **CHBKTR 1+** **CHBKTR 1+(Dup)**	24-Sep-25 24-Sep-25	0.79 0.5	<0.0020 <0.0020	0.0576 0.0566	0.211 0.173	<0.0020 <0.0020	<0.20 <0.20	<0.0010 <0.0010	408 349	<0.010 <0.010	0.0043 <0.0040	0.356 0.316	4.66 4.13	0.0109 0.0074	278 274	0.22 0.18	0.0289 0.023	<0.0040 <0.0040	<0.040 <0.040	2120 2050	2960 2780	0.192 0.208	<0.0010 <0.0010	349 330	0.00163 0.00169	<0.0040 <0.0040	<0.020 <0.020	6.01 6.47
	Relative Percent Difference (RPD %)		45%	---	2%	20%	---	---	---	16%	---	---	12%	12%	38%	1%	20%	23%	---	---	3%	6%	8%	---	6%	4%	---	---	7%
	EXTERNAL DUPLICATE **CHBKTR 3A+** **CHBKTR SPLIT**	24-Sep-25 24-Sep-25	<0.40 <0.40	<0.0020 0.0049	0.0117 0.0108	0.144 0.119	<0.0020 <0.0020	<0.20 <0.20	<0.0010 <0.0010	342 309	<0.010 0.084	0.0068 0.0097	0.289 0.355	5.06 5.78	0.0041 0.0042	294 270	<0.10 <0.10	0.0977 0.0958	<0.0040 <0.0040	<0.040 <0.040	2490 2380	4130 3880	0.147 0.141	<0.0010 <0.0010	402 388	0.00234 0.00207	<0.0040 <0.0040	<0.020 <0.020	7.39 5.42
	Relative Percent Difference (RPD %)		---	---	8%	19%	---	---	---	10%	---	35%	20%	13%	2%	9%	---	2%	---	---	5%	6%	4%	---	4%	12%	---	---	31%
Method Accuracy	**Certified Reference Material**	24-Sep-2025	222	<0.0094	12.7	0.35	<0.0094	2.45	0.126	1670	0.495	0.0593	3.68	107	0.0682	1120	0.9	0.253	0.112	0.32	5660	10800	2.16	0.109	8400	<0.00188	<0.0188	0.321	25.1
	Certified Reference Range		178 - 329	0.0029 - 0.0108	9.5 - 17.5	0.28 - 0.52	---	2.60 - 4.74	0.106 - 0.194	1313 - 2838	0.335 - 0.729	0.044 - 0.084	2.42 - 4.21	79 - 151	0.039 - 0.080	713 - 1388	0.77 - 1.38	0.224 - 0.416	0.083 - 0.196	0.31 - 0.59	4493 - 8088	8400 - 15000	1.72 - 3.14	0.091 - 0.186	6600 - 12000	---	0.0093 - 0.0253	0.239 - 0.470	20.8 - 37.1
Accuracy of Laboratory Results	**Within Reference Range**		Yes	---	Yes	Yes	---	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	---	---	Yes	Yes
	Laboratory Bias		0.9	---	1.0	0.9	---	0.7	0.9	0.8	1.0	0.9	1.1	0.9	1.2	1.1	0.8	0.8	0.8	0.7	0.9	0.9	0.9	0.8	0.9	---	---	0.9	0.9

Notes:
1. --- Analysis not performed.
2. Shaded areas indicate detection in the method blank.
3. Shading indicates Relative Percent Difference (RPD) values greater than or equal to the applicable quality control criteria.
4. **Bold** text indicates that concentrations used to calculate RPD values greater than or equal to quality criteria are lower than five times the RDL
5. Shaded areas indicate lab results are outside the reference values.
6. Shaded areas indicate spike recoveries outside quality control limits (70% to 130%)
7. Superscript #1 - Quality control limit of the associated variable is 40% rather than the standard criteria for metals which is 30%.

worley consulting

Table B.2

PCB Quality Control Results for Fish Tissue Analyses in 2025

	Sample Identification	Sample Date	Congener IUPAC No. - Concentration (pg/g)																						
			PCB 1 (pg/g)	PCB 2 (pg/g)	PCB 3 (pg/g)	PCB 4 (pg/g)	PCB 5 (pg/g)	PCB 6 (pg/g)	PCB 7 (pg/g)	PCB 8 (pg/g)	PCB 9 (pg/g)	PCB 10 (pg/g)	PCB 11 (pg/g)	PCB 12/13 (pg/g)	PCB 14 (pg/g)	PCB 15 (pg/g)	PCB 16 (pg/g)	PCB 17 (pg/g)	PCB 18/30 (pg/g)	PCB 19 (pg/g)	PCB 20/28 (pg/g)	PCB 21/33 (pg/g)	PCB 22 (pg/g)	PCB 23 (pg/g)	PCB 24 (pg/g)	PCB 25 (pg/g)
Congener-Specific (209 PCBs)																									
Contamination and Bias	**Method Blank**	07-Apr-2026	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<5.0	<2.0	<5.0	<25	<5.0	<2.0	<5.0	<2.0	<2.0	<5.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0
		07-Apr-2026	<2.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<5.0	<2.0	<5.0	<25	<5.0	<2.0	<5.0	<2.0	<2.0	<5.0	<2.0	<5.0	<5.0	<2.0	<2.0	<2.0	<2.0
	Matrix Spike		93.8	---	90	96.4	---	---	---	---	---	---	---	---	---	85.4	N/A	---	---	99.8	---	---	---	---	---	---
	(% Recovery)		90.1	---	87.6	86.9	---	---	---	---	---	---	---	---	---	86	N/A	---	---	86.6	---	---	---	---	---	---
Precision Between Samples	**INTERNAL DUPLICATES**																								
	CHBKTR 4+	24-Sep-25	<0.11	<0.12	<0.26	<0.45	<0.24	<0.26	<0.24	0.929	<0.26	<0.25	3.55	<0.25	<0.27	0.483	0.8	1.48	4.31	0.31	19.2	0.483	4.08	<0.13	<0.091	1.94
	CHBKTR 4+ (DUP)	24-Sep-25	<0.15	<0.10	<0.23	<0.39	<0.22	<0.24	<0.22	0.773	<0.24	<0.23	3	<0.25	<0.27	0.34	0.653	1.3	3.77	0.175	16.9	0.381	3.46	<0.12	<0.10	1.46
	Relative Percent Difference (RPD %)		---	---	---	---	---	---	---	---	---	---	17%	---	---	35%	20%	13%	13%	56%	13%	24%	16%	---	---	28%
	CHBKTR 3B+	24-Sep-25	0.105	0.171	0.189	0.38	<0.045	0.294	<0.039	0.694	<0.10	<0.042	2.95	<0.12	<0.13	0.654	0.567	1.88	3.62	<0.21	26.1	0.331	3.75	<0.081	0.0535	3.58
	CHBKTR 3B+ (DUP)	24-Sep-25	<0.23	<0.17	0.26	0.639	<0.031	0.4	<0.068	1.3	0.144	<0.029	15.8	<0.11	0.0875	0.551	<0.66	1.55	3.58	0.377	21.7	0.888	3.22	<0.080	<0.044	3.66
	Relative Percent Difference (RPD %)		---	---	32%	51%	---	31%	---	61%	---	---	137%	---	---	17%	---	19%	1%	---	18%	91%	15%	---	---	2%
Congener Subset (ICES + Dioxin-like PCBs)																									
Contamination and Bias	**Method Blank**	07-Apr-2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		07-Apr-2026	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Matrix Spike		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	(% Recovery)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Precision Between Samples	**INTERNAL DUPLICATES**																								
	CHBKTR 1+	24-Sep-25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	CHBKTR 1+ (DUP)	24-Sep-25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Relative Percent Difference (RPD %)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	CHBKTR 4+	24-Sep-25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	CHBKTR 4+ (DUP)	24-Sep-25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Relative Percent Difference (RPD %)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	EXTERNAL DUPLICATE																								
	CHBKTR 3A+	24-Sep-25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	CHBKTR SPLIT	24-Sep-25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Relative Percent Difference (RPD %)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Clean Fish Reference Material	**NIST 1974**	24-Sep-25																							
	Reference Range																								
Accuracy of Laboratory Results	**Within Reference Range**																								
	Laboratory Bias																								

Notes:
1. Superscript #1 - Reference concentrations provided for multiple congeners within associated coelution. Reference range is based on the sums of the upper and lower limits for both congeners and laboratory bias is calculated using the sum of both reference concentrations.
2. --- Analysis not performed.
3. Shaded areas indicate detection in the method blank.
4. **Bold** text indicates that concentrations used to calculate RPD values greater than or equal to quality criteria are lower than five times the RDL
5. Shading indicates RPD values greater than and/or equal to 50%.
6. Shaded areas indicate lab results are outside the reference values.
7. Shaded areas indicate spike recoveries outside quality control limits (50% to 140%)
8. Laboratory Bias was calculated by dividing the Lab Results by the Median Reference Value.

PCB Quality Control Results for Fish Tissue Analyses in 2025

	Sample Identification	Sample Date	Congener IUPAC No. - Concentration (pg/g)																						
			PCB 26/29 (pg/g)	PCB 27 (pg/g)	PCB 28 (pg/g)	PCB 31 (pg/g)	PCB 32 (pg/g)	PCB 34 (pg/g)	PCB 35 (pg/g)	PCB 36 (pg/g)	PCB 37 (pg/g)	PCB 38 (pg/g)	PCB 39 (pg/g)	PCB 40/41/71 (pg/g)	PCB 42 (pg/g)	PCB 43 (pg/g)	PCB 44/47/65 (pg/g)	PCB 45/51 (pg/g)	PCB 46 (pg/g)	PCB 48 (pg/g)	PCB 49/69 (pg/g)	PCB 50/53 (pg/g)	PCB 52 (pg/g)	PCB 54 (pg/g)	PCB 55 (pg/g)	PCB 56 (pg/g)
Congener-Specific (209 PCBs)																									
Contamination and Bias	**Method Blank**	07-Apr-2026	<5.0	<2.0	---	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<5.0	<5.0	<10	<5.0	<2.0	<5.0	<10	<10	<5.0	<5.0	<5.0	<5.0
		07-Apr-2026	<5.0	<2.0	---	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10	<5.0	<5.0	<10	<5.0	<2.0	<5.0	<10	<10	<5.0	<5.0	<5.0	<5.0
	Matrix Spike		---	---	---	---	---	---	---	---	95.3	---	---	---	---	---	---	---	---	---	---	---	---	98.4	---	---
	(% Recovery)		---	---	---	---	---	---	---	---	91.9	---	---	---	---	---	---	---	---	---	---	---	---	84.2	---	---
Precision Between Samples	**INTERNAL DUPLICATES**																								
	CHBKTR 4+	24-Sep-25	2.87	<0.094	---	11.9	0.36	<0.13	<0.14	<0.12	1.4	**0.227**	<0.11	2.48	8.66	0.575	65	2.67	<0.37	3.09	49	2.19	84.4	<0.055	0.688	17.2
	CHBKTR 4+ (DUP)	24-Sep-25	2.39	<0.10	---	10.1	0.292	<0.12	<0.13	<0.11	1.49	**0.214**	<0.10	1.94	7.27	0.538	57.6	2.55	<0.38	2.7	42.5	1.72	72.9	<0.048	0.622	14.8
	Relative Percent Difference (RPD %)		46%	---	---	16%	21%	---	---	---	6%	6%	---	24%	17%	7%	12%	5%	---	13%	14%	24%	15%	---	10%	15%
	CHBKTR 3B+	24-Sep-25	3.91	0.21	---	13.6	0.468	<0.087	<0.084	<0.074	2	0.203	0.265	3.08	17.3	0.802	122	4.67	0.521	4.56	94.6	4.75	145	0.137	0.987	26.8
	CHBKTR 3B+ (DUP)	24-Sep-25	3.8	0.177	---	11.4	0.649	<0.086	0.138	<0.073	1.64	0.173	<0.16	2.75	16.1	0.63800	120	6.8	0.585	3.42	92.4	5.52	127	0.116	0.807	21.3
	Relative Percent Difference (RPD %)		3%	17%	---	18%	32%	---	---	---	20%	16%	---	11%	7%	23%	2%	37%	12%	29%	2%	15%	13%	17%	20%	23%
Congener Subset (ICES + Dioxin-like PCBs)																									
Contamination and Bias	**Method Blank**	07-Apr-2026	---	---	<10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<10	---	---	---
		07-Apr-2026	---	---	<10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<10	---	---	---
	Matrix Spike		---	---	109	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	104	---	---	---
	(% Recovery)		---	---	96.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	102	---	---	---
Precision Between Samples	**INTERNAL DUPLICATES**																								
	CHBKTR 1+	24-Sep-25	---	---	69.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	505	---	---	---
	CHBKTR 1+ (DUP)	24-Sep-25	---	---	65.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	494	---	---	---
	Relative Percent Difference (RPD %)		---	---	5%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2%	---	---	---
	CHBKTR 4+	24-Sep-25	---	---	33.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	83.7	---	---	---
	CHBKTR 4+ (DUP)	24-Sep-25	---	---	30.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	74.3	---	---	---
	Relative Percent Difference (RPD %)		---	---	9%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	12%	---	---	---
	EXTERNAL DUPLICATE																								
	CHBKTR 3A+	24-Sep-25	---	---	125	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	424	---	---	---
	CHBKTR SPLIT	24-Sep-25	---	---	225	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	844	---	---	---
	Relative Percent Difference (RPD %)		---	---	57%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	66%	---	---	---
Clean Fish Reference Material	**NIST 1974**	24-Sep-25			2430																		2540			
	Reference Range				1095 - 1875																		1822.5-3187.5			
Accuracy of Laboratory Results	**Within Reference Range**				No																		Yes			
	Laboratory Bias				1.6																		1.0			

Notes:
1. Superscript #1 - Reference concentrations provided for multiple congeners within associated coelution. Reference range is based on the sums of the upper and lower limits for both congeners and laboratory bias is calculated using the sum of both reference concentrations.
2. --- Analysis not performed.
3. Shaded areas indicate detection in the method blank.
4. **Bold** text indicates that concentrations used to calculate RPD values greater than or equal to quality criteria are lower than five times the RDL
5. Shading indicates RPD values greater than and/or equal to 50%.
6. Shaded areas indicate lab results are outside the reference values.
7. Shaded areas indicate spike recoveries outside quality control limits (50% to 140%)
8. Laboratory Bias was calculated by dividing the Lab Results by the Median Reference Value.

PCB Quality Control Results for Fish Tissue Analyses in 2025

	Sample Identification	Sample Date	Congener IUPAC No. - Concentration (pg/g)																							
			PCB 57 (pg/g)	PCB 58 (pg/g)	PCB 59/62/75 (pg/g)	PCB 60 (pg/g)	PCB 63 (pg/g)	PCB 64 (pg/g)	PCB 66 (pg/g)	PCB 67 (pg/g)	PCB 68 (pg/g)	PCB 61/70/74/76 (pg/g)	PCB 72 (pg/g)	PCB 73 (pg/g)	PCB 77 (pg/g)	PCB 78 (pg/g)	PCB 79 (pg/g)	PCB 80 (pg/g)	PCB 81 (pg/g)	PCB 82 (pg/g)	PCB 83/99 (pg/g)	PCB 84 (pg/g)	PCB 85/110/115/116/117 (pg/g)	PCB 86/87/97/109/119/125 (pg/g)	PCB 88/91 (pg/g)	PCB 89 (pg/g)
Congener-Specific (209 PCBs)																										
Contamination and Bias	**Method Blank**	07-Apr-2026	<10	<5.0	<10	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<20	<5.0	<5.0
		07-Apr-2026	<10	<5.0	<10	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<20	<5.0	<5.0
	Matrix Spike		---	---	---	---	---	---	---	---	---	---	---	---	86.2	---	---	---	84.5	---	---	---	---	---	---	---
	(% Recovery)		---	---	---	---	---	---	---	---	---	---	---	---	87.6	---	---	---	87.5	---	---	---	---	---	---	---
Precision Between Samples	**INTERNAL DUPLICATES**																									
	CHBKTR 4+	24-Sep-25	0.996	4.3	4.72	16.9	6.91	19.5	111	3.17	3.48	193	3.84	<0.22	11	<0.26	3.8	1.86	0.712	17.7	399	19.1	455	268	30.3	1.1
	CHBKTR 4+ (DUP)	24-Sep-25	0.839	3.84	3.96	13.3	5.93	17.3	96.3	2.93	2.95	169	3.39	<0.22	10.5	0.219	3.26	2.16	0.61	15.8	340	16.1	388	229	26.4	1.04
	Relative Percent Difference (RPD %)		17%	11%	18%	24%	15%	12%	14%	8%	16%	13%	12%	---	5%	---	15%	15%	15%	11%	16%	17%	16%	16%	14%	6%
	CHBKTR 3B+	24-Sep-25	1.36	<2.2	6.74	20.6	9.11	28.5	169	5.69	5.2	307	5.74	<0.29	31.4	0.227	7.46	3.92	1.2	32	564	40.4	960	345	57.7	1.37
	CHBKTR 3B+ (DUP)	24-Sep-25	1.39	<1.4	6.08	15.7	8.34	23.2	142	4.75	5.35	242	5.29	0.31100	21.8	<0.32	6.14	3.45	0.756	29.5	474	35.4	795	286	56.4	1.24
	Relative Percent Difference (RPD %)		2%	---	10%	27%	9%	21%	17%	18%	3%	24%	8%	---	36%	---	19%	13%	45%	8%	17%	13%	19%	19%	2%	10%
Congener Subset (ICES + Dioxin-like PCBs)																										
Contamination and Bias	**Method Blank**	07-Apr-2026	---	---	---	---	---	---	---	---	---	---	---	---	<10	---	---	---	<10	---	---	---	---	---	---	---
		07-Apr-2026	---	---	---	---	---	---	---	---	---	---	---	---	<10	---	---	---	<10	---	---	---	---	---	---	---
	Matrix Spike		---	---	---	---	---	---	---	---	---	---	---	---	98.5	---	---	---	88.8	---	---	---	---	---	---	---
	(% Recovery)		---	---	---	---	---	---	---	---	---	---	---	---	101	---	---	---	90.5	---	---	---	---	---	---	---
Precision Between Samples	**INTERNAL DUPLICATES**																									
	CHBKTR 1+	24-Sep-25	---	---	---	---	---	---	---	---	---	---	---	---	14.6	---	---	---	1.91	---	---	---	---	---	---	---
	CHBKTR 1+ (DUP)	24-Sep-25	---	---	---	---	---	---	---	---	---	---	---	---	10.7	---	---	---	1.09	---	---	---	---	---	---	---
	Relative Percent Difference (RPD %)		---	---	---	---	---	---	---	---	---	---	---	---	31%	---	---	---	55%	---	---	---	---	---	---	---
	CHBKTR 4+	24-Sep-25	---	---	---	---	---	---	---	---	---	---	---	---	10.8	---	---	---	<7.7	---	---	---	---	---	---	---
	CHBKTR 4+ (DUP)	24-Sep-25	---	---	---	---	---	---	---	---	---	---	---	---	10.2	---	---	---	<0.41	---	---	---	---	---	---	---
	Relative Percent Difference (RPD %)		---	---	---	---	---	---	---	---	---	---	---	---	6%	---	---	---	---	---	---	---	---	---	---	---
	EXTERNAL DUPLICATE																									
	CHBKTR 3A+	24-Sep-25	---	---	---	---	---	---	---	---	---	---	---	---	46.7	---	---	---	6.17	---	---	---	---	---	---	---
	CHBKTR SPLIT	24-Sep-25	---	---	---	---	---	---	---	---	---	---	---	---	93.7	---	---	---	9.79	---	---	---	---	---	---	---
	Relative Percent Difference (RPD %)		---	---	---	---	---	---	---	---	---	---	---	---	67%	---	---	---	45%	---	---	---	---	---	---	---
Clean Fish Reference Material	**NIST 1974**	24-Sep-25																								
	Reference Range																									
Accuracy of Laboratory Results	**Within Reference Range**																									
	Laboratory Bias																									

Notes: 1. Superscript #1 - Reference concentrations provided for multiple congeners within associated coelution. Reference range is based on the sums of the upper and lower limits for both congeners and laboratory bias is calculated using the sum of both reference concentrations.
2. --- Analysis not performed.
3. Shaded areas indicate detection in the method blank.
4. **Bold** text indicates that concentrations used to calculate RPD values greater than or equal to quality criteria are lower than five times the RDL
5. Shading indicates RPD values greater than and/or equal to 50%.
6. Shaded areas indicate lab results are outside the reference values.
7. Shaded areas indicate spike recoveries outside quality control limits (50% to 140%)
8. Laboratory Bias was calculated by dividing the Lab Results by the Median Reference Value.

Table B.2

PCB Quality Control Results for Fish Tissue Analyses in 2025

	Sample Identification	Sample Date	Congener IUPAC No. - Concentration (pg/g)																					
			PCB 90/101/113 (pg/g)	PCB 92 (pg/g)	PCB 93/98/100/102 (pg/g)	PCB 94 (pg/g)	PCB 95 (pg/g)	PCB 96 (pg/g)	PCB 101 (pg/g)	PCB 103 (pg/g)	PCB 104 (pg/g)	PCB 105 (pg/g)	PCB 106 (pg/g)	PCB 107 (pg/g)	PCB 108/124 (pg/g)	PCB 111 (pg/g)	PCB 112 (pg/g)	PCB 114 (pg/g)	PCB 118 (pg/g)	PCB 120 (pg/g)	PCB 121 (pg/g)	PCB 122 (pg/g)	PCB 123 (pg/g)	PCB 126 (pg/g)	PCB 127 (pg/g)
Congener-Specific (209 PCBs)																								
Contamination and Bias	**Method Blank**	07-Apr-2026	<20	<5.0	<20	<20	<5.0	<20	---	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0
		07-Apr-2026	<20	<5.0	<20	<20	<5.0	<20	---	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0
	Matrix Spike		---	---	---	---	---	---	---	---	86.4	83.5	---	---	---	---	---	86.4	87	---	---	---	90.6	86.4	---
	(% Recovery)		---	---	---	---	---	---	---	---	79	84.8	---	---	---	---	---	86.8	87.7	---	---	---	85.7	85.8	---
Precision Between Samples	**INTERNAL DUPLICATES**																							
	CHBKTR 4+	24-Sep-25	585	119	38.5	<0.96	120	<0.27	---	5.93	<0.061	250	<0.19	63.4	22.5	<1.3	1.03	18.3	725	9.38	0.292	4.68	11.4	<5.2	1.99
	CHBKTR 4+ (DUP)	24-Sep-25	504	99.5	36.4	0.888	98	<0.14	---	5.12	<0.052	211	<0.21	51.7	19.3	<0.89	0.798	15.1	603	8.22	0.224	4.74	9.76	<2.9	1.42
	Relative Percent Difference (RPD %)		15%	18%	6%	---	20%	---	---	15%	---	17%	---	20%	15%	---	25%	19%	18%	13%	26%	1%	16%	---	33%
	CHBKTR 3B+	24-Sep-25	903	176	21.5	1.9	270	<0.62	---	10.1	<0.043	357	<0.18	89.9	31.4	2.13	<0.62	20.5	989	10.9	0.419	7.78	12.3	7.35	2.76
	CHBKTR 3B+ (DUP)	24-Sep-25	763	158	22.5	2.68	235	<0.65	---	10.4	<0.11	274	<0.16	71.7	25.1	1.8	<0.47	16.3	781	8.41	<0.43	6.61	<8.7	5.38	2.37
	Relative Percent Difference (RPD %)		17%	11%	5%	34%	14%	---	---	3%	---	26%	---	23%	22%	17%	---	23%	24%	26%	---	16%	---	31%	15%
Congener Subset (ICES + Dioxin-like PCBs)																								
Contamination and Bias	**Method Blank**	07-Apr-2026	---	---	---	---	---	---	<10	---	---	<10	---	---	---	---	---	<10	<20	---	---	---	<10	<10	---
		07-Apr-2026	---	---	---	---	---	---	<10	---	---	<10	---	---	---	---	---	<10	<20	---	---	---	<10	<10	---
	Matrix Spike		---	---	---	---	---	---	94.3	---	---	98.9	---	---	---	---	---	93.8	96.7	---	---	---	96.5	97.3	---
	(% Recovery)		---	---	---	---	---	---	111.0	---	---	108	---	---	---	---	---	104	110	---	---	---	98	102	---
Precision Between Samples	**INTERNAL DUPLICATES**																							
	CHBKTR 1+	24-Sep-25	---	---	---	---	---	---	571	---	---	128	---	---	---	---	---	14.1	375	---	---	---	<4.7	2.61	---
	CHBKTR 1+ (DUP)	24-Sep-25	---	---	---	---	---	---	403	---	---	77.2	---	---	---	---	---	8.82	223	---	---	---	<3.5	1.51	---
	Relative Percent Difference (RPD %)		---	---	---	---	---	---	34%	---	---	50%	---	---	---	---	---	46%	51%	---	---	---	---	53%	---
	CHBKTR 4+	24-Sep-25	---	---	---	---	---	---	688	---	---	312	---	---	---	---	---	25	837	---	---	---	<17	<5.7	---
	CHBKTR 4+ (DUP)	24-Sep-25	---	---	---	---	---	---	619	---	---	278	---	---	---	---	---	21.9	744	---	---	---	<14	<5.3	---
	Relative Percent Difference (RPD %)		---	---	---	---	---	---	11%	---	---	12%	---	---	---	---	---	13%	12%	---	---	---	---	---	---
	EXTERNAL DUPLICATE																							
	CHBKTR 3A+	24-Sep-25	---	---	---	---	---	---	2000	---	---	676	---	---	---	---	---	61.7	1970	---	---	---	<23	12.2	---
	CHBKTR SPLIT	24-Sep-25	---	---	---	---	---	---	3950	---	---	1260	---	---	---	---	---	120	3500	---	---	---	54.5	23.7	---
	Relative Percent Difference (RPD %)		---	---	---	---	---	---	66%	---	---	60%	---	---	---	---	---	64%	56%	---	---	---	---	64%	---
Clean Fish Reference Material	**NIST 1974**	24-Sep-25							4330			1600							4340						
	Reference Range								4965 - 8400			1155-2000							2992.5-5212.5						
Accuracy of Laboratory Results	**Within Reference Range**								No			Yes							Yes						
	Laboratory Bias								0.6			1.0							1.1						

Notes: 1. Superscript #1 - Reference concentrations provided for multiple congeners within associated coelution. Reference range is based on the sums of the upper and lower limits for both congeners and laboratory bias is calculated using the sum of both reference concentrations.
2. --- Analysis not performed.
3. Shaded areas indicate detection in the method blank.
4. **Bold** text indicates that concentrations used to calculate RPD values greater than or equal to quality criteria are lower than five times the RDL
5. Shading indicates RPD values greater than and/or equal to 50%.
6. Shaded areas indicate lab results are outside the reference values.
7. Shaded areas indicate spike recoveries outside quality control limits (50% to 140%)
8. Laboratory Bias was calculated by dividing the Lab Results by the Median Reference Value.

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Table B.2

PCB Quality Control Results for Fish Tissue Analyses in 2025

	Sample Identification	Sample Date	Congener IUPAC No. - Concentration (pg/g)																						
			PCB 128/166 (pg/g)	PCB 129/138/163 (pg/g)	PCB 130 (pg/g)	PCB 131 (pg/g)	PCB 132 (pg/g)	PCB 133 (pg/g)	PCB 134/143 (pg/g)	PCB 135/151 (pg/g)	PCB 136 (pg/g)	PCB 137/164 (pg/g)	PCB 138 (pg/g)	PCB 139/140 (pg/g)	PCB 141 (pg/g)	PCB 142 (pg/g)	PCB 144 (pg/g)	PCB 145 (pg/g)	PCB 146 (pg/g)	PCB 147/149 (pg/g)	PCB 148 (pg/g)	PCB 150 (pg/g)	PCB 152 (pg/g)	PCB 153 (pg/g)	PCB 153/168 (pg/g)
Congener-Specific (209 PCBs)																									
Contamination and Bias	**Method Blank**	07-Apr-2026	<10	<10	<5.0	<5.0	<5.0	<5.0	<10	<10	<5.0	<5.0	---	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	---	<10
		07-Apr-2026	<10	<10	<5.0	<5.0	<5.0	<5.0	<10	<10	<5.0	<5.0	---	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	---	<10
	Matrix Spike		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	(% Recovery)		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Precision Between Samples	**INTERNAL DUPLICATES**																								
	CHBKTR 4+	24-Sep-25	203	2310	76.6	4.31	125	33.7	26.6	465	25.7	57.4	---	21.9	260	<0.47	37	<0.049	286	557	2.35	0.879	<0.14	---	1810
	CHBKTR 4+ (DUP)	24-Sep-25	169	1950	67	3.94	110	26.8	23.4	398	23.6	51.4	---	18.3	221	<0.33	32	<0.10	255	482	2.19	0.9	<0.11	---	1560
	Relative Percent Difference (RPD %)		18%	17%	13%	9%	13%	23%	13%	16%	9%	11%	---	18%	16%	---	14%	---	11%	14%	7%	2%	---	---	15%
	CHBKTR 3B+	24-Sep-25	223	2060	97.6	7.33	235	43	46.8	379	47.2	144	---	24.4	291	<0.57	51.7	0.139	341	914	3.83	1.73	<0.67	---	2000
	CHBKTR 3B+ (DUP)	24-Sep-25	180	1630	77.4	6.29	208	36.5	40.5	330	42.9	121	---	22.1	247	<0.47	42.5	<0.15	280	806	3.93	1.66	0.657	---	1580
	Relative Percent Difference (RPD %)		21%	23%	23%	15%	12%	16%	14%	14%	10%	17%	---	10%	16%	---	20%	---	20%	13%	3%	4%	---	---	23%
Congener Subset (ICES + Dioxin-like PCBs)																									
Contamination and Bias	**Method Blank**	07-Apr-2026	---	---	---	---	---	---	---	---	---	---	<10	---	---	---	---	---	---	---	---	---	---	<10	---
		07-Apr-2026	---	---	---	---	---	---	---	---	---	---	<10	---	---	---	---	---	---	---	---	---	---	<10	---
	Matrix Spike		---	---	---	---	---	---	---	---	---	---	98.1	---	---	---	---	---	---	---	---	---	---	94.8	---
	(% Recovery)		---	---	---	---	---	---	---	---	---	---	114.0	---	---	---	---	---	---	---	---	---	---	110.0	---
Precision Between Samples	**INTERNAL DUPLICATES**																								
	CHBKTR 1+	24-Sep-25	---	---	---	---	---	---	---	---	---	---	551	---	---	---	---	---	---	---	---	---	---	773	---
	CHBKTR 1+ (DUP)	24-Sep-25	---	---	---	---	---	---	---	---	---	---	306	---	---	---	---	---	---	---	---	---	---	427	---
	Relative Percent Difference (RPD %)		---	---	---	---	---	---	---	---	---	---	57%	---	---	---	---	---	---	---	---	---	---	58%	---
	CHBKTR 4+	24-Sep-25	---	---	---	---	---	---	---	---	---	---	1360	---	---	---	---	---	---	---	---	---	---	1890	---
	CHBKTR 4+ (DUP)	24-Sep-25	---	---	---	---	---	---	---	---	---	---	1220	---	---	---	---	---	---	---	---	---	---	1700	---
	Relative Percent Difference (RPD %)		---	---	---	---	---	---	---	---	---	---	11%	---	---	---	---	---	---	---	---	---	---	11%	---
	EXTERNAL DUPLICATE																								
	CHBKTR 3A+	24-Sep-25	---	---	---	---	---	---	---	---	---	---	2470	---	---	---	---	---	---	---	---	---	---	3440	---
	CHBKTR SPLIT	24-Sep-25	---	---	---	---	---	---	---	---	---	---	4360	---	---	---	---	---	---	---	---	---	---	5670	---
	Relative Percent Difference (RPD %)		---	---	---	---	---	---	---	---	---	---	55%	---	---	---	---	---	---	---	---	---	---	49%	---
Clean Fish Reference Material	**NIST 1974**	24-Sep-25											4970											5810	
	Reference Range												3263 - 5538											4980-8600	
Accuracy of Laboratory Results	**Within Reference Range**												Yes											Yes	
	Laboratory Bias												1.1											0.9	

Notes:
1. Superscript #1 - Reference concentrations provided for multiple congeners within associated coelution. Reference range is based on the sums of the upper and lower limits for both congeners and laboratory bias is calculated using the sum of both reference concentrations.
2. --- Analysis not performed.
3. Shaded areas indicate detection in the method blank.
4. **Bold** text indicates that concentrations used to calculate RPD values greater than or equal to quality criteria are lower than five times the RDL
5. Shading indicates RPD values greater than and/or equal to 50%.
6. Shaded areas indicate lab results are outside the reference values.
7. Shaded areas indicate spike recoveries outside quality control limits (50% to 140%)
8. Laboratory Bias was calculated by dividing the Lab Results by the Median Reference Value.

Table B.2

PCB Quality Control Results for Fish Tissue Analyses in 2025

	Sample Identification	Sample Date	Congener IUPAC No. - Concentration (pg/g)																								
			PCB 154 (pg/g)	PCB 155 (pg/g)	PCB 156 (pg/g)	PCB 156/157 (pg/g)	PCB 157 (pg/g)	PCB 158 (pg/g)	PCB 159 (pg/g)	PCB 160 (pg/g)	PCB 161 (pg/g)	PCB 162 (pg/g)	PCB 165 (pg/g)	PCB 167 (pg/g)	PCB 169 (pg/g)	PCB 170 (pg/g)	PCB 171/173 (pg/g)	PCB 172 (pg/g)	PCB 174 (pg/g)	PCB 175 (pg/g)	PCB 176 (pg/g)	PCB 177 (pg/g)	PCB 178 (pg/g)	PCB 179 (pg/g)	PCB 180 (pg/g)	PCB 180/193 (pg/g)	PCB 181 (pg/g)
Congener-Specific (209 PCBs)																											
Contamination and Bias	**Method Blank**	07-Apr-2026	<10	<5.0	---	<10	---	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	---	<10	<20
		07-Apr-2026	<10	<5.0	---	<10	---	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	---	<10	<20
	Matrix Spike		---	100	---	88	---	---	---	---	---	---	---	86.9	87.9	---	---	---	---	---	---	---	---	---	---	---	---	---
	(% Recovery)		---	85.4	---	83.8	---	---	---	---	---	---	---	85	88.4	---	---	---	---	---	---	---	---	---	---	---	---	---
Precision Between Samples	**INTERNAL DUPLICATES**																										
	CHBKTR 4+	24-Sep-25	21.5	<0.25	---	112	---	130	5.87	7.26	<0.32	7.06	<2.2	53.1	<4.1	263	91.8	67.7	133	15.8	17.2	145	89.6	76	---	776	2.65
	CHBKTR 4+ (DUP)	24-Sep-25	20.3	<0.25	---	96.4	---	108	4.95	6.27	<0.23	6.46	# 2.49	44.4	<3.8	228	73.5	59.1	112	12.9	14.6	128	78.7	63.7	---	692	1.84
	Relative Percent Difference (RPD %)		6%	---	---	15%	---	18%	17%	15%	---	9%	---	18%	---	14%	22%	14%	17%	20%	16%	12%	13%	18%	---	11%	---
	CHBKTR 3B+	24-Sep-25	24.6	0.342	---	135	---	155	11.2	2.55	<0.36	8.23	4.5	66.7	3.89	261	93	70.3	216	16.8	22.4	174	98.4	101	---	799	2.21
	CHBKTR 3B+ (DUP)	24-Sep-25	23.8	0.271	---	105	---	122	10.6	1.94	<0.30	6.1	3.76	49.5	2.62	210	77.5	54.6	204	14.1	21	153	82.4	91.9	---	628	1.81
	Relative Percent Difference (RPD %)		3%	23%	---	25%	---	24%	6%	27%	---	30%	18%	30%	39%	22%	18%	25%	6%	17%	6%	13%	18%	9%	---	24%	20%
Congener Subset (ICES + Dioxin-like PCBs)																											
Contamination and Bias	**Method Blank**	07-Apr-2026	---	---	<10	---	<10	---	---	---	---	---	---	<10	<10	---	---	---	---	---	---	---	---	---	---	<10	---	---
		07-Apr-2026	---	---	<10	---	<10	---	---	---	---	---	---	<10	<10	---	---	---	---	---	---	---	---	---	---	<10	---	---
	Matrix Spike		---	---	97.4	---	92.4	---	---	---	---	---	---	87.7	91.7	---	---	---	---	---	---	---	---	---	---	91.2	---	---
	(% Recovery)		---	---	99.7	---	102	---	---	---	---	---	---	105	108	---	---	---	---	---	---	---	---	---	---	113.0	---	---
Precision Between Samples	**INTERNAL DUPLICATES**																										
	CHBKTR 1+	24-Sep-25	---	---	47.9	---	9.85	---	---	---	---	---	---	25.7	<0.26	---	---	---	---	---	---	---	---	---	---	432	---	---
	CHBKTR 1+ (DUP)	24-Sep-25	---	---	26.4	---	5.91	---	---	---	---	---	---	13.7	<0.23	---	---	---	---	---	---	---	---	---	---	243	---	---
	Relative Percent Difference (RPD %)		---	---	58%	---	50%	---	---	---	---	---	---	61%	---	---	---	---	---	---	---	---	---	---	---	56%	---	---
	CHBKTR 4+	24-Sep-25	---	---	126	---	21.1	---	---	---	---	---	---	66.5	<0.31	---	---	---	---	---	---	---	---	---	---	1200	---	---
	CHBKTR 4+ (DUP)	24-Sep-25	---	---	112	---	19.4	---	---	---	---	---	---	62.7	<0.19	---	---	---	---	---	---	---	---	---	---	1080	---	---
	Relative Percent Difference (RPD %)		---	---	12%	---	8%	---	---	---	---	---	---	6%	---	---	---	---	---	---	---	---	---	---	---	11%	---	---
	EXTERNAL DUPLICATE																										
	CHBKTR 3A+	24-Sep-25	---	---	209	---	43.3	---	---	---	---	---	---	112	<0.68	---	---	---	---	---	---	---	---	---	---	1700	---	---
	CHBKTR SPLIT	24-Sep-25	---	---	363	---	77.7	---	---	---	---	---	---	189	<0.71	---	---	---	---	---	---	---	---	---	---	2840	---	---
	Relative Percent Difference (RPD %)		---	---	54%	---	57%	---	---	---	---	---	---	51%	---	---	---	---	---	---	---	---	---	---	---	50%	---	---
Clean Fish Reference Material	**NIST 1974**	24-Sep-25			302																				599		
	Reference Range				186-322.4																				429.5-752.4		
Accuracy of Laboratory Results	**Within Reference Range**				Yes																				Yes		
	Laboratory Bias				1.2																				1.0		

Notes: 1. Superscript #1 - Reference concentrations provided for multiple congeners within associated coelution. Reference range is based on the sums of the upper and lower limits for both congeners and laboratory bias is calculated using the sum of both reference concentrations.
2. --- Analysis not performed.
3. Shaded areas indicate detection in the method blank.
4. **Bold** text indicates that concentrations used to calculate RPD values greater than or equal to quality criteria are lower than five times the RDL
5. Shading indicates RPD values greater than and/or equal to 50%.
6. Shaded areas indicate lab results are outside the reference values.
7. Shaded areas indicate spike recoveries outside quality control limits (50% to 140%)
8. Laboratory Bias was calculated by dividing the Lab Results by the Median Reference Value.

PCB Quality Control Results for Fish Tissue Analyses in 2025

	Sample Identification	Sample Date	Congener IUPAC No. - Concentration (pg/g)																								
			PCB 182 (pg/g)	PCB 183 (pg/g)	PCB 184 (pg/g)	PCB 185 (pg/g)	PCB 186 (pg/g)	PCB 187 (pg/g)	PCB 188 (pg/g)	PCB 189 (pg/g)	PCB 190 (pg/g)	PCB 191 (pg/g)	PCB 192 (pg/g)	PCB 194 (pg/g)	PCB 195 (pg/g)	PCB 196 (pg/g)	PCB 197 (pg/g)	PCB 198/199 (pg/g)	PCB 200 (pg/g)	PCB 201 (pg/g)	PCB 202 (pg/g)	PCB 203 (pg/g)	PCB 204 (pg/g)	PCB 205 (pg/g)	PCB 206 (pg/g)	PCB 207 (pg/g)	PCB 208 (pg/g)
Congener-Specific (209 PCBs)																											
Contamination and Bias	**Method Blank**	07-Apr-2026	<5.0	<10	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<10	<10	<10	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
		07-Apr-2026	<5.0	<10	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<10	<10	<10	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	Matrix Spike		---	---	---	---	---	---	92.4	88.5	---	---	---	---	---	---	---	---	---	---	95	---	---	84.7	82.3	---	84.3
	(% Recovery)		---	---	---	---	---	---	81.2	91.7	---	---	---	---	---	---	---	---	---	---	85.3	---	---	87.3	83.6	---	82.8
Precision Between Samples	**INTERNAL DUPLICATES**																										
	CHBKTR 4+	24-Sep-25	3.53	216	0.75	35.5	<0.15	475	<0.76	11	55.7	12.4	<0.16	83.7	36.7	54.4	4.62	128	5.65	12.8	15.3	68.8	0.133	5.8	12.5	2.54	2.99
	CHBKTR 4+ (DUP)	24-Sep-25	2.65	188	0.563	30.5	<0.12	398	<0.66	9.41	49	11.1	<0.13	69.5	33.1	44.7	4.15	109	4.15	11.2	14.5	56.7	0.0744	5.15	12.8	3.02	2.94
	Relative Percent Difference (RPD %)		---	14%	---	15%	---	18%	---	16%	13%	11%	---	19%	10%	20%	11%	16%	31%	13%	5%	19%	57%	12%	2%	17%	2%
	CHBKTR 3B+	24-Sep-25	<3.3	243	0.632	33.2	<0.15	534	<1.0	10.5	55.5	12.6	<0.18	73.4	32.6	51.5	<3.7	118	7.59	13.1	18.9	63.9	<0.13	4.57	10.8	2.26	2.54
	CHBKTR 3B+ (DUP)	24-Sep-25	<2.8	201	<0.49	21.4	<0.18	455	<0.96	7.07	44.2	9.32	<0.21	58.7	26.1	42.7	<3.3	98.4	7.28	12.4	15.4	53	<0.065	4.09	9.24	1.97	2.09
	Relative Percent Difference (RPD %)		---	19%	---	43%	---	16%	---	39%	23%	30%	---	22%	22%	19%	---	18%	4%	5%	20%	19%	---	11%	16%	14%	19%
Congener Subset (ICES + Dioxin-like PCBs)																											
Contamination and Bias	**Method Blank**	07-Apr-2026	---	---	---	---	---	---	---	<10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		07-Apr-2026	---	---	---	---	---	---	---	<10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Matrix Spike		---	---	---	---	---	---	---	98.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	(% Recovery)		---	---	---	---	---	---	---	109	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Precision Between Samples	**INTERNAL DUPLICATES**																										
	CHBKTR 1+	24-Sep-25	---	---	---	---	---	---	---	5.13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	CHBKTR 1+ (DUP)	24-Sep-25	---	---	---	---	---	---	---	2.82	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Relative Percent Difference (RPD %)		---	---	---	---	---	---	---	58%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	CHBKTR 4+	24-Sep-25	---	---	---	---	---	---	---	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	CHBKTR 4+ (DUP)	24-Sep-25	---	---	---	---	---	---	---	11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Relative Percent Difference (RPD %)		---	---	---	---	---	---	---	13%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	EXTERNAL DUPLICATE																										
	CHBKTR 3A+	24-Sep-25	---	---	---	---	---	---	---	18.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	CHBKTR SPLIT	24-Sep-25	---	---	---	---	---	---	---	27.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	Relative Percent Difference (RPD %)		---	---	---	---	---	---	---	42%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Clean Fish Reference Material	**NIST 1974**	24-Sep-25																									
	Reference Range																										
Accuracy of Laboratory Results	**Within Reference Range**																										
	Laboratory Bias																										

Notes:
1. Superscript #1 - Reference concentrations provided for multiple congeners within associated coelution. Reference range is based on the sums of the upper and lower limits for both congeners and laboratory bias is calculated using the sum of both reference concentrations.
2. --- Analysis not performed.
3. Shaded areas indicate detection in the method blank.
4. **Bold** text indicates that concentrations used to calculate RPD values greater than or equal to quality criteria are lower than five times the RDL
5. Shading indicates RPD values greater than and/or equal to 50%.
6. Shaded areas indicate lab results are outside the reference values.
7. Shaded areas indicate spike recoveries outside quality control limits (50% to 140%)
8. Laboratory Bias was calculated by dividing the Lab Results by the Median Reference Value.

PCB Quality Control Results for Fish Tissue Analyses in 2025

	Sample Identification	Sample Date	Congener IUPAC No. - Concentration (pg/g)	
			PCB 209 (pg/g)	PCBs-TOTAL (ng/g)
Congener-Specific (209 PCBs)				
Contamination and Bias	**Method Blank**	07-Apr-2026	<10	---
		07-Apr-2026	<10	---
	Matrix Spike (% Recovery)		99.6	---
			96.4	---
Precision Between Samples	**INTERNAL DUPLICATES**			
	CHBKTR 4+	24-Sep-25	1.84	---
	CHBKTR 4+ (DUP)	24-Sep-25	1.36	---
	Relative Percent Difference (RPD %)		30%	---
	CHBKTR 3B+	24-Sep-25	<1.1	---
	CHBKTR 3B+ (DUP)	24-Sep-25	<1.1	---
	Relative Percent Difference (RPD %)		---	---
Congener Subset (ICES + Dioxin-like PCBs)				
Contamination and Bias	**Method Blank**	07-Apr-2026	---	---
		07-Apr-2026	---	---
	Matrix Spike (% Recovery)		---	---
			---	---
Precision Between Samples	**INTERNAL DUPLICATES**			
	CHBKTR 1+	24-Sep-25	---	---
	CHBKTR 1+ (DUP)	24-Sep-25	---	---
	Relative Percent Difference (RPD %)		---	---
	CHBKTR 4+	24-Sep-25	---	---
	CHBKTR 4+ (DUP)	24-Sep-25	---	---
	Relative Percent Difference (RPD %)		---	---
	EXTERNAL DUPLICATE			
	CHBKTR 3A+	24-Sep-25	---	12.129
	CHBKTR SPLIT	24-Sep-25	---	21.389
	Relative Percent Difference (RPD %)		---	55%
Clean Fish Reference Material	**NIST 1974**	24-Sep-25		
	Reference Range			
Accuracy of Laboratory Results	**Within Reference Range**			
	Laboratory Bias			

Notes:
1. Superscript #1 - Reference concentrations provided for multiple congeners within associated coelution. Reference range is based on the sums of the upper and lower limits for both congeners and laboratory bias is calculated using the sum of both reference concentrations.
2. --- Analysis not performed.
3. Shaded areas indicate detection in the method blank.
4. **Bold** text indicates that concentrations used to calculate RPD values greater than or equal to quality criteria are lower than five times the RDL
5. Shading indicates RPD values greater than and/or equal to 50%.
6. Shaded areas indicate lab results are outside the reference values.
7. Shaded areas indicate spike recoveries outside quality control limits (50% to 140%)
8. Laboratory Bias was calculated by dividing the Lab Results by the Median Reference Value.

Table B.3

Project Number: 21705-56230

Dioxin and Furan Quality Control Results for Fish Tissue Analyses in 2025

	Sample Identification	Sample Date	Congener - Concentration (pg/g)																
			2,3,7,8-TCDD	1,2,3,7,8-PeCDD	1,2,3,4,7,8-HxCDD	1,2,3,6,7,8-HxCDD	1,2,3,7,8,9-HxCDD	1,2,3,4,6,7,8-HpCDD	OCDD	2,3,7,8-TeCDF	1,2,3,7,8-PeCDF	2,3,4,7,8-PeCDF	1,2,3,4,7,8-HxCDF	1,2,3,6,7,8-HxCDF	1,2,3,7,8,9-HxCDF	2,3,4,6,7,8-HxCDF	1,2,3,4,6,7,8-HpCDF	1,2,3,4,7,8,9-HpCDF	OCDF
	Hatchery 0+	24-Sep-25	<0.017	0.0188	<0.082	<0.099	<0.043	0.198	0.711	<0.19	<0.045	<0.032	<0.040	<0.039	<0.054	<0.040	<0.075	<0.073	<0.058
	Method Blank	07-Apr-2026	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20
		07-Apr-2026	<10	<10	<10	<10	<10	<10	<20	<10	<10	<10	<10	<10	<10	<10	<10	<10	<20
	Martrix Spike (% Recovery)	07-Apr-2026	63.1	76.0	78.4	71.0	72.3	82.3	69.1	67.8	75.5	78.2	78.9	82.6	72.3	81.3	87.3	81.4	67.4
Precision Between Samples	**INTERNAL DUPLICATE**																		
	CHBKTR 1+	24-Sep-25	<0.016	<0.069	<0.067	<0.088	<0.033	0.2200	0.8130	0.7440	<0.046	<0.048	<0.051	<0.057	<0.071	<0.050	<0.046	<0.053	<0.30
	CHBKTR 1+(Dup)	24-Sep-25	<0.016	<0.033	<0.082	<0.084	<0.044	0.1840	0.4300	0.4790	<0.034	<0.074	<0.047	<0.048	<0.065	<0.050	<0.024	<0.053	<0.059
	Relative Percent Difference (RPD %)		---	---	---	---	---	18%	62%	43%	---	---	---	---	---	---	---	---	---
Precision Between Samples	**EXTERNAL DUPLICATE**																		
	CHBKTR 3A+	24-Sep-25	<0.022	<0.039	<0.069	<0.096	<0.040	<0.19	1.1900	2.0900	<0.051	<0.13	<0.079	<0.073	<0.11	<0.078	0.1800	<0.032	0.2980
	CHBKTR SPLIT	24-Sep-25	<0.10	<0.073	0.1730	0.1030	0.0724	0.1730	0.6070	4.3100	<0.11	0.0873	<0.054	<0.13	<0.061	<0.046	<0.075	<0.051	<0.050
	Relative Percent Difference (RPD %)		---	---	---	---	---	---	65%	69%	---	---	---	---	---	---	---	---	---
Certified Reference Material (CRM)	**NIST 1974c**	24-Sep-25	<0.93	<0.28	<0.79	<0.68	<0.58	6.4	29	4.48	1.17	<0.38	<0.33	<0.33	<0.48	<0.34	<0.96	<0.35	<1.4

Notes:
1. --- Analysis not performed.
2. Shaded areas indicate detection in the method blank.
3. Shading indicates RPD values greater than and/or equal to 40%.
4. **Bold** text indicates that concentrations used to calculate RPD values greater than and/or equal to 40% are lower than five times the RDL
5. Shaded areas indicate lab results are outside the reference values.
6. Shaded areas indicate spike recoveries outside quality control limits (50% to 150%)
7. Laboratory Bias was calculated by dividing the Lab Results by the Median Reference Value.

Appendix C. Historical Data Summaries

worley consulting

Table C.1

Metals and Trace Elements: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Aluminum (mg/kg)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Bismuth (mg/kg)	Boron - Hot Water Soluble (mg/kg)	Cadmium (mg/kg)	Calcium (mg/kg)	Chromium (hexavalent) (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Lithium (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Mercury (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Phosphorus (mg/kg)	Potassium (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Sodium (mg/kg)	Strontium (mg/kg)	Thallium (mg/kg)	Tin (mg/kg)	Titanium (mg/kg)	Uranium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
CFIA 2009		---	---	**3.5**	---	---	---	---	---	---	---	---	---	---	---	**0.5**	---	---	---	---	**0.5**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SETAC 1999		**1.2**	**5**	**2.6**	---	---	---	---	**0.02**	---	---	**0.58**	---	**3.4**	---	**0.34**	---	---	---	**0.7**	---	**0.82**	---	---	**0.25**	---	---	---	---	---	---	---	---	**4.5**
Hatchery																																		
Brook Trout 0+	07-Sep-1996	**2.9**	< 0.02	0.4	0.4	0.03	---	< 1	< 0.02	202	---	**5.03**	< 0.03	0.68	6	0.06	< 0.1	374	0.3	< 0.020	0.04	< 0.05	2940	5640	**0.4**	< 0.01	503	0.38	< 0.02	---	3.49	< 0.04	0.9	**6.64**
	24-Jun-1997	**12**	< 0.1	0.95	1.3	< 0.02	---	< 1	**< 0.1**	1140	---	**0.6**	0.5	0.9	11	< 0.02	< 0.1	339	0.6	0.03	< 0.02	0.7	3160	4490	**1.5**	< 0.01	564	1.6	< 0.1	< 1	0.5	< 0.04	< 0.1	**16**
	01-Aug-1997	**8**	< 0.1	1.3	< 1	< 0.1	---	< 1	**< 0.3**	1450	---	0.3	< 0.3	0.7	8	**< 2**	< 0.1	256	0.5	< 0.020	< 0.3	< 0.5	2650	3460	**1**	< 0.2	665	2.4	< 0.1	< 1	0.5	< 50	< 0.2	**15.2**
	25-Jun-1998	**13.7**	< 0.1	1.4	< 1	0.09	---	< 1	**< 0.1**	2140	---	< 0.2	(0.04)	0.27	23.5	**0.35**	0.2	418	0.5	(0.029)	(0.02)	**0.82**	3690	4210	**< 1**	< 0.01	792	3.1	< 0.1	---	< 0.3	(0.06)	< 0.1	**18.7**
	01-Sep-1999	< 0.7	< 0.1	< 0.5	< 1	(0.1)	---	12.4	**< 0.1**	988	---	< 0.2	< 0.3	**4.1**	5	**< 2**	< 0.1	556	0.3	(0.017)	< 0.02	< 0.5	4680	7660	**< 1**	1.6	1000	(0.3)	< 0.02	0.21	< 0.3	< 50	4.4	**19.2**
	09-Sep-2001	**< 10**	< 0.1	< 0.5	< 0.7	< 0.7	---	< 2	< 0.02	526	---	**< 1**	< 1	(0.7)	6	**< 3**	< 0.4	209	< 0.4	(0.027)	< 0.02	**< 2**	1760	2550	**< 1**	< 0.3	539	(0.7)	< 0.02	< 1	< 1	< 0.04	< 0.6	**8.0**
	07-Sep-2002	**< 10**	< 0.1	< 0.5	< 0.7	< 0.7	---	< 2	< 0.02	640	---	**< 1**	< 1	< 0.4	6	**< 3**	< 0.4	220	< 0.4	0.05	< 0.02	**< 2**	2380	3370	**< 1**	< 0.3	661	(0.6)	< 0.02	---	< 1	< 0.04	< 0.6	**9.3**
	05-Sep-2003	**< 10**	< 0.1	< 0.5	< 0.7	< 0.7	---	< 2	< 0.02	1090	---	**< 1**	< 1	< 0.4	4	**< 3**	< 0.4	259	(0.5)	(0.03)	< 0.02	**< 2**	3100	3730	**< 1**	< 0.3	447	(0.7)	< 0.02	---	< 1	< 0.04	< 0.6	**7.7**
	01-Sep-2004	**29**	< 0.1	1.8	(1.1)	< 0.7	---	< 2	< 0.02	2060	---	**< 1**	< 1	2.5	50.7	**< 3**	1	863	1.7	0.06	0.04	**< 2**	8540	12000	**(1)**	< 0.3	1370	2.4	< 0.02	2	< 1	< 0.04	< 0.6	**29.7**
	12-Oct-2006	**< 10**	< 1	< 1	< 10	< 0.4	---	< 2	**< 0.1**	818	---	**< 1**	< 1	**< 5**	< 10	**< 1**	< 10	278	< 10	0.13	< 0.4	**< 1**	2680	4210	**0.6**	< 1	460	< 10	< 0.3	< 1	---	< 1	< 1	**18**
	11-Sep-2007	**95**	< 1	< 1	< 10	< 0.4	---	< 2	**< 0.1**	291	< 2	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	277	< 10	< 0.05	< 0.4	**< 1**	2350	4160	**< 0.5**	< 1	538	< 10	< 0.3	< 1	---	< 1	< 1	**< 10**
	23-Jul-2008	**52**	< 1	< 1	< 10	< 0.4	---	< 2	**< 0.1**	470	< 1.5	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	290	< 10	< 0.05	< 0.4	**< 1**	2500	3900	**< 0.5**	< 1	560	< 10	< 0.3	< 1	---	< 1	< 1	**< 10**
	11-Aug-2009	**160**	< 1	< 1	< 10	< 0.4	---	4	**< 0.1**	1100	2.0 [#1]	**< 1**	< 1	**< 5**	11	**< 0.5**	< 10	280	< 10	0.05	< 0.4	**< 1**	3100	4300	**< 0.5**	< 1	630	< 10	< 0.3	1	---	< 1	< 1	**24**
	12-Aug-2010	0.4	< 0.001	0.54	0.09	< 0.02	< 0.02	< 0.4	< 0.002	709	---	< 0.04	< 0.004	0.40	3	< 0.002	---	303	0.24	0.015	< 0.01	< 0.01	3290	4160	**0.25**	< 0.004	635	0.64	0.0015	< 0.02	< 0.2	< 0.0004	< 0.04	**11.0**
	01-Sep-2011	< 0.2	< 0.001	0.26	< 0.02	< 0.02	< 0.02	< 0.4	< 0.002	103	---	< 0.04	0.088	0.62	5	0.013	---	316	0.09	0.013	< 0.01	< 0.01	2680	4020	**0.39**	< 0.004	469	0.14	0.0017	< 0.02	0.3	< 0.0004	< 0.04	**4.79**
	01-Sep-2012	0.22	< 0.0010	0.139	0.021	< 0.020	< 0.020	< 0.40	< 0.0020	453	---	< 0.040	0.0504	0.417	4.2	< 0.0020	< 10	317	0.168	0.0080	< 0.010	0.011	2710	4170	**0.304**	< 0.0040	363	0.651	0.00364	< 0.020	0.23	< 0.00040	< 0.040	**6.99**
	02-Oct-2013	0.21	< 0.0010	0.202	0.049	< 0.020	< 0.020	< 0.40	< 0.0020	673	---	0.083	< 0.0040	0.443	5.6	0.0042	---	297	0.265	0.0182	< 0.010	0.012	2810	4020	**0.263**	< 0.0040	483	0.646	0.00113	< 0.020	< 0.20	< 0.00040	< 0.040	**9.57**
	09-Oct-2014	0.30	< 0.0010	0.315	0.065	< 0.020	< 0.020	< 0.40	0.0036	1100	---	0.074	0.0770	0.573	5.1	0.0020	---	362	0.321	0.0156	< 0.010	0.013	3310	4430	**0.358**	< 0.0040	711	1.67	0.00322	0.023	< 0.20	< 0.00040	< 0.040	**11.7**
	23-Sep-2015	0.33	< 0.0010	0.620	0.055	< 0.0020	< 0.020	< 0.40	0.0029	671	---	0.109	0.0045	0.535	5.6	< 0.0020	---	286	0.296	0.0309	< 0.010	0.014	2920	4250	**0.266**	< 0.0040	638	0.882	0.00082	< 0.020	0.064	< 0.00040	< 0.020	**10.5**
	30-Aug-2016	0.57	< 0.0010	0.517	0.051	< 0.0020	< 0.020	< 0.40	0.0048	605	---	0.278	0.0093	0.606	6.0	0.0048	---	273	0.358	0.0311	0.026	0.164	2760	3950	**0.294**	< 0.0040	842	0.676	0.00071	< 0.20 [#2]	0.146	0.00061	< 0.020	**10.7**
	29-Aug-2018	0.34	< 0.0010	0.489	0.113	< 0.0010	< 0.0010	< 0.20	0.0028	1420	---	0.172	0.0056	0.588	5.47	0.0026	---	307	0.440	0.0179	0.0173	0.083	3470	4150	**0.292**	< 0.0010	767	1.50	0.00184	< 0.020	0.245	< 0.00040	< 0.020	**13.3**
	06-Sep-2019	0.85	< 0.0010	0.319	0.052	< 0.0010	< 0.0010	< 0.20	0.0013	773	---	0.435	0.0088	0.632	8.82	0.0027	---	272	0.335	0.0242	0.0136	0.037	2870	3860	**0.295**	< 0.0010	742	0.953	0.00113	< 0.020	0.263	< 0.00040	< 0.020	**10.0**
	28-Oct-2020	0.23	< 0.0010	0.728	0.048	< 0.0010	< 0.0010	< 0.20	0.0050	604	---	0.057	0.0050	0.481	4.70	0.0012	---	263	0.267	0.0265	0.0073	0.010	2820	4110	**0.316**	< 0.0010	696	0.874	0.00277	< 0.020	0.226	0.00803	0.022	**10.6**
	30-Sep-2021	0.40	< 0.0020	0.410	0.073	< 0.0020	---	< 0.20	0.0014	716	---	0.033	0.0055	0.505	6.58	< 0.0040	---	295	0.42	0.0177	0.0092	< 0.040	2760	3680	0.245	< 0.0010	644	---	0.00103	---	---	< 0.0040	< 0.020	**9.94**
	13-Oct-2022	**3.44**	< 0.0020	0.752	0.111	< 0.0020	---	< 0.20	0.0019	459	---	0.445	0.0072	0.637	11.6	0.0054	---	289	0.32	0.0129	0.0064	< 0.040	2640	3910	**0.271**	< 0.0010	685	---	0.00176	---	---	< 0.0040	< 0.020	**9.71**
	15-Aug-2024	0.65	< 0.0020	0.404	0.223	< 0.0020	---	< 0.20	0.0018	1620	---	0.012	0.0050	0.578	6.06	0.0111	---	338	0.39	0.0146	0.0050	< 0.040	3540	4170	**0.292**	< 0.0010	667	---	0.00110	---	---	< 0.0040	< 0.020	**8.57**
	24-Sep-2025	0.52	0.0086	0.436	0.093	< 0.0020	< 0.0020	< 0.20	0.0015	796		< 0.010	0.0055	0.532	4.35	0.0084	< 0.10	319	0.24	0.0107	0.0062	< 0.040	2720	3900	**0.258**	< 0.0010	628	1.45	0.00162	0.193	---	< 0.0040	< 0.020	**9.58**
Chrystina Lake																																		
Brook Trout 0+	01-Sep-1988	**4**	0.23	< 0.05	0.9	0.8	---	< 1.0	**1**	2460	---	**2.3**	1.2	**3.9**	14.7	**8.2**	< 0.5	890	1.4	0.22	< 0.1	**< 1.0**	8000	13500	0.06	< 0.1	1260	3.9	0.3	---	< 1.0	< 1.0	< 0.1	**50**
	01-Sep-1990	**12**	0.01	< 0.01	11	< 0.1	---	1	**< 0.1**	2610	---	**3.3**	0.4	2	35	**1**	< 0.1	1220	1.4	0.09	< 0.1	0.2	11100	17200	< 0.01	1	1850	5.2	0.2	---	0.5	< 5	< 0.1	**41.8**
Brook Trout 1+	01-Sep-1985	**14**	< 0.02	< 0.02	0.41	< 0.02	---	< 0.2	**< 0.04**	3030	---	< 0.04	< 0.1	0.22	5.64	**< 1.0**	< 1	338	0.8	0.11	< 0.2	< 0.2	4220	4400	0.06	---	571	4.04	---	---	3.96	< 6	< 0.04	**14.1**
	01-Sep-1986	**108**	< 0.03	0.09	0.13	< 0.03	---	< 0.3	**< 0.06**	439	---	0.22	< 0.16	0.4	23.2	< 0.16	< 1.6	256	0.19	0.08	< 0.3	< 0.3	2230	3670	0.03	---	400	0.19	---	---	1.46	< 10	< 0.06	**6.83**
	01-Sep-1987	**35.2**	0.82	0.41	1.29	< 0.1	---	< 1.0	**0.7**	1480	---	**2.8**	3.2	**6.7**	37.6	**7**	< 0.5	1290	1.77	0.08	3.4	**5.3**	12800	18200	0.14	< 0.1	1650	2.5	< 0.3	---	< 1	< 1	2.1	**41.8**
	01-Sep-1990	**13**	< 0.01	< 0.01	12	< 0.1	---	< 1	**< 0.1**	3610	---	**2.9**	< 0.1	1.8	33	**< 1**	< 0.1	1320	2.1	0.12	< 0.1	0.1	12300	18900	< 0.01	< 1	2160	6.2	0.1	---	0.5	6	< 0.1	**37**
	24-Sep-1991	**13**	0.05	0.71	0.9	0.2	---	< 1	**0.4**	1130	---	**1.9**	< 0.1	2.1	42	**1**	< 0.5	1230	1.6	0.31	0.7	**< 1**	10900	18700	0.04	< 0.1	1810	1.7	< 0.1	---	2.7	9	0.5	**34.8**
	11-Aug-2009	**320**	< 1	< 1	< 10	< 0.4	---	5	**< 0.1**	1400	< 0.75 [#3]	**< 1**	< 1	**< 5**	190	**< 0.5**	< 10	430	< 10	< 0.05	< 0.4	**< 1**	2900	4500	**< 0.5**	< 1	610	< 10	< 0.3	2	---	< 1	< 1	**17**
(Duplicate)	11-Aug-2009	**280**	< 1	< 1	< 10	< 0.4	---	< 2	**< 0.1**	1500	< 0.75	**< 1**	< 1	**< 5**	200	**< 0.5**	< 10	310	< 10	0.10	< 0.4	**< 1**	2800	4400	**< 0.5**	< 1	570	< 10	< 0.3	1	---	< 1	< 1	**14**
	01-Sep-2011	< 0.2	< 0.001	0.07	0.10	< 0.02	< 0.02	< 0.4	< 0.002	549	---	< 0.04	0.004	0.41	4	0.003	---	292	0.13	0.078	< 0.01	< 0.01	2590	4080	0.21	< 0.004	461	0.82	0.0027	< 0.02	0.3	< 0.0004	< 0.04	**6.33**
	01-Sep-2012	0.33	< 0.0010	0.038	0.227	< 0.020	< 0.020	< 0.40	< 0.0020	789	---	< 0.040	0.0052	0.248	4.4	< 0.0020	< 10	311	0.227	0.0721	< 0.010	< 0.010	2700	3920	0.206	< 0.0040	419	1.24	0.00252	0.030	0.21	< 0.00040	< 0.040	**8.65**
(Replicate A)	02-Oct-2013	< 0.20	< 0.0010	0.019	0.361	< 0.020	< 0.020	< 0.40	< 0.0020	802	---	**0.724**	0.0051	0.253	11.1	0.0080	---	320	0.231	0.0582	0.010	0.023	2880	4500	0.176	< 0.0040	402	1.41	0.00224	0.027	< 0.20	< 0.00040	< 0.040	**9.50**
(Replicate B)	02-Oct-2013	0.27	< 0.0010	0.040	0.302	< 0.020	< 0.020	< 0.40	< 0.0020	654	---	0.561	0.0061	0.303	12.3	0.0088	---	285	0.224	0.0580	< 0.010	0.018	2500	3790	0.178	< 0.0040	369	1.08	0.00174	< 0.020	< 0.20	< 0.00040	< 0.040	**10.2**
	23-Sep-2015	0.38	< 0.0010	0.0336	0.203	< 0.0020	< 0.020	< 0.40	< 0.0020	533	---	**0.754**	0.0045	0.300	9.2	0.0046	---	278	0.168	0.0781	< 0.010	0.015	2810	4270	0.183	< 0.0040	335	0.944	0.00248	< 0.020	0.087	< 0.00040	< 0.020	**10.1**
	31-Aug-2016	0.22	< 0.0010	0.133	0.124	< 0.0020	< 0.020	< 0.40	< 0.0020	494	---	0.219	0.0044	0.401	6.1	0.0034	---	308	0.212	0.0791	< 0.010	0.020	3000	4480	**0.296**	< 0.0040	533	0.715	0.00162	< 0.20 [#2]	0.160	0.00062	< 0.020	**12.1**
	12-Sep-2017	0.28	< 0.0010	0.0617	0.272	< 0.0020	< 0.020	< 0.40	< 0.0020	710	---	0.137	0.0047	0.334	5.5	0.0020	---	349	0.293	0.0700	< 0.010	< 0.010	3320	4740	0.245	< 0.0040	474	1.24	0.00308	0.039	< 0.050	< 0.00040	< 0.020	**10.8**
	29-Aug-2018	0.33	< 0.0010	0.0331	0.165	< 0.0010	< 0.0010	< 0.20	< 0.0010	421	---	0.115	0.0041	0.293	5.04	0.0020	---	303	0.181	0.0608	0.0044	< 0.010	2800	4020	0.245	< 0.0010	357	0.726	0.00175	< 0.020	0.173	< 0.00040	< 0.020	**8.64**
(Replicate A)	05-Sep-2019	**1.22**	< 0.0010	0.0784	0.207	< 0.0010	< 0.0010	< 0.20	0.0011	504	---	0.045	0.0052	0.370	4.98	0.0030	---	326	0.229	0.0504	< 0.0040	< 0.010	2910	4280	**0.283**	< 0.0010	557	0.976	0.00192	< 0.020	0.250	< 0.00040	< 0.020	**8.98**
(Replicate B)	05-Sep-2019	**1.23**	< 0.0010	0.0848	0.170	< 0.0010	< 0.0010	< 0.20	0.0011	630	---	0.221	0.0044	0.493	6.36	0.0033	---	339	0.236	0.0486	0.0096	0.013	3090	4480	**0.294**	< 0.0010	550	1.01	0.00191	< 0.020	0.277	< 0.00040	< 0.020	**11.7**
	28-Oct-2020	0.77	< 0.0010	0.0490	0.195	< 0.0010	< 0.0010	< 0.20	< 0.0010	576	---	0.030	0.0042	0.304	4.34	0.0028	---	312	0.177	0.0794	0.0042	< 0.010	3150	4570	0.222	< 0.0010	352	1.06	0.00223	< 0.020	0.229	< 0.00040	< 0.020	**8.96**
	29-Sep-2021	0.59	< 0.0020	0.0201	0.324	< 0.0020	---	< 0.20	< 0.0010	838	---	0.108	0.0053	0.293	5.50	0.0200	---	294	0.16	0.134	< 0.0040	< 0.040	2810	4170	0.149	< 0.0010	421	---	0.00183	---	---	< 0.0040	< 0.020	**6.68**
	12-Oct-2022	0.86	< 0.0020	0.0351	0.267	< 0.0020	---	< 0.20	< 0.0010	661	---	0.306	0.0134	0.260	5.10	0.0088	---	322	0.46	0.0573	0.0040	< 0.040	2870	4460	0.178	< 0.0010	469	---	0.00208	---	---	< 0.0040	< 0.020	**6.92**
	13-Sep-2023	< 0.40	< 0.0020	0.0515	0.280	< 0.0020	---	< 0.20	< 0.0010	624	---	0.013	0.0219	0.444	4.41	0.0096	---	309	0.22	0.0336	0.0041	< 0.040	2800	4170	0.208	< 0.0010	382	---	0.00328	---	---	< 0.0040	< 0.020	**9.65**
	14-Aug-2024	< 0.40	< 0.0020	0.0349	0.199	< 0.0020	---	< 0.20	< 0.0010	444	---	< 0.010	< 0.0040	0.302	2.92	0.0071	---	312	0.18	0.0375	< 0.0040	< 0.040	2580	3760	0.178	< 0.0010	414	---	0.00203	---	---	< 0.0040	< 0.020	**7.52**
	24-Sep-2025	0.79	< 0.0020	0.0576	0.211	< 0.0020	< 0.0020	< 0.20	< 0.0010	408		< 0.010	0.0043	0.356	4.66	0.0109	---	278	0.22	0.0289	< 0.0040	< 0.040	2120	2960	0.192	< 0.0010	349	0.583	0.00163	0.132		< 0.0040	< 0.020	**6.01**

Metals and Trace Elements: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Aluminum (mg/kg)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Bismuth (mg/kg)	Boron - Hot Water Soluble (mg/kg)	Cadmium (mg/kg)	Calcium (mg/kg)	Chromium (hexavalent) (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Lithium (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Mercury (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Phosphorus (mg/kg)	Potassium (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Sodium (mg/kg)	Strontium (mg/kg)	Thallium (mg/kg)	Tin (mg/kg)	Titanium (mg/kg)	Uranium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
CFIA 2009		---	---	**3.5**	---	---	---	---	---	---	---	---	---	---	---	**0.5**	---	---	---	**0.5**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SETAC 1999		**1.2**	**5**	**2.6**	---	---	---	---	**0.02**	---	---	**0.58**	---	**3.4**	---	**0.34**	---	---	---	**0.7**	---	**0.82**	---	---	**0.25**	---	---	---	---	---	---	---	---	---	**4.5**
Chrystina Lake - Continued																																		
Brook Trout 2+	01-Sep-1985	9.5	< 0.02	< 0.02	0.23	< 0.02	---	2.3	**< 0.04**	2130	---	< 0.04	< 0.1	0.42	5.89	**< 1**	< 1	324	0.58	0.17	< 0.2	< 0.2	3490	4220	0.1	---	520	2.5	---	---	2.2	< 6	< 0.04	9.03
	01-Sep-1986	95.9	< 0.03	0.09	0.12	< 0.03	---	< 0.3	**< 0.06**	368	---	0.21	< 0.16	0.6	29.2	< 0.16	< 1.6	222	0.27	0.09	< 0.3	< 0.3	2000	3440	0.04	---	453	0.15	---	---	1.35	< 10	< 0.06	7.26
	01-Sep-1988	6.6	0.35	< 0.05	0.6	0.6	---	< 1.0	**< 0.1**	1280	---	1.5	0.3	4.2	27.1	**< 1.0**	< 0.5	720	1.1	0.19	< 0.1	**< 1.0**	6230	12000	< 0.05	< 0.1	1260	2	< 0.3	---	< 1.0	< 1.0	0.7	23.2
	01-Sep-1989	8	< 0.01	< 0.01	1	< 0.1	---	1	**< 0.1**	1200	---	1.4	2.4	8.4	25	**< 1.0**	< 0.1	820	1.2	0.28	< 1.0	5.2	7650	13500	< 0.01	< 0.1	1100	2.4	0.2	---	2.8	< 20	0.6	35
	01-Sep-1990	21	< 0.01	< 0.01	32	< 0.1	---	1	**< 0.1**	2850	---	4.5	< 0.1	3.4	68	1	< 0.1	1840	1.7	0.37	< 0.1	< 0.1	15500	27900	< 0.01	2	3190	5.5	0.3	---	0.9	< 5	< 0.1	45.1
	24-Sep-1991	14	0.14	0.4	0.7	0.3	---	< 1	**< 0.1**	890	---	1.7	1	2.3	41	**< 1**	< 0.5	1160	1.2	0.29	0.4	2.2	10800	19900	0.04	0.2	2000	1.3	< 0.1	---	2.8	< 5	0.7	34.2
	28-Oct-1992	4	< 0.05	< 0.05	< 0.1	< 0.1	---	4	**< 0.1**	---	---	0.3	< 0.1	0.3	---	< 0.1	< 0.1	275	< 0.4	0.13	< 0.1	< 0.5	2250	---	< 0.05	0.1	---	< 0.5	< 0.1	---	< 0.2	---	< 0.1	6.4
	05-Nov-1993	0.9	< 0.2	< 0.2	< 0.01	< 0.01	---	< 0.01	**< 0.08**	---	---	< 0.2	< 0.04	0.43	---	< 0.2	< 0.01	282	0.3	0.04	< 0.03	< 0.05	2330	---	< 0.2	< 0.02	---	0.3	< 0.1	---	< 0.3	---	< 0.02	12
	28-Sep-1994	2	< 0.2	< 0.2	< 1	< 0.1	---	< 1	0.04	380	---	0.3	< 0.1	0.5	9	< 0.1	< 0.5	310	0.3	0.09	< 0.3	< 0.5	2910	4280	< 0.2	< 0.2	390	0.5	< 0.1	---	< 0.3	< 50	< 0.2	9.5
	05-Oct-1995	< 1.0	< 0.2	< 0.2	< 1.0	< 0.1	---	< 1.0	0.06	634	---	0.3	< 0.1	0.5	3	< 0.1	< 0.5	286	0.2	0.04	< 0.3	< 0.5	2900	4890	0.2	< 0.2	307	1.3	---	---	< 0.3	< 50	< 0.2	9.4
	07-Sep-1996	4.3	< 0.02	< 0.1	0.5	0.04	---	< 1.0	< 0.02	154	---	7.23	< 0.03	0.69	7	0.05	< 0.1	389	0.4	0.1	0.06	0.86	2880	5720	0.8	< 0.01	403	0.44	< 0.02	---	4.87	< 0.04	1.2	7.59
	25-Jun-1997	4.1	< 0.1	0.9	0.7	< 0.02	---	< 1	**< 0.1**	622	---	0.7	0.3	0.7	5	< 0.02	< 0.1	314	0.2	0.11	< 0.02	< 0.05	2630	4320	1.8	< 0.01	570	0.9	< 0.1	< 1	0.6	< 0.04	< 0.1	9.1
	01-Sep-1997	2.1	< 0.2	< 0.2	0.2	< 0.2	---	< 2	**< 0.2**	456	---	< 0.2	< 0.2	4.9	6	< 0.2	---	195	< 0.2	0.12	< 0.2	< 0.2	2270	4560	0.3	< 0.2	293	0.7	< 0.2	< 0.2	---	---	< 0.2	11.7
	11-Aug-2009	160	< 1	< 1	< 10	< 0.4	---	5	**< 0.1**	720	2.0 [#1]	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	280	< 10	0.19	< 0.4	**< 1**	2900	4200	**< 0.5**	< 1	550	< 10	< 0.3	2	---	< 1	< 1	17
	12-Aug-2010	< 0.2	< 0.001	0.04	0.28	< 0.02	< 0.02	< 0.4	< 0.002	682	---	< 0.04	0.005	0.39	4	< 0.002	---	327	0.19	0.069	< 0.01	< 0.01	3460	4590	0.17	< 0.004	475	1.20	0.0031	< 0.02	< 0.2	< 0.0004	< 0.04	11.5
	01-Sep-2011	< 0.2	< 0.001	0.02	0.12	< 0.02	< 0.02	< 0.4	< 0.002	566	---	< 0.04	0.005	0.46	5	0.009	---	294	0.11	0.097	< 0.01	< 0.01	2630	4000	0.17	< 0.004	496	0.85	0.0019	< 0.02	0.3	< 0.0004	< 0.04	5.80
	01-Sep-2012	0.44	< 0.0010	0.012	0.206	< 0.020	< 0.020	< 0.40	< 0.0020	718	---	0.055	0.0049	0.286	5.4	0.0023	< 10	303	0.178	0.116	< 0.010	< 0.010	2680	3940	0.144	< 0.0040	389	1.13	0.00300	< 0.020	0.24	< 0.00040	< 0.040	7.94
	02-Oct-2013	< 0.20	< 0.0010	0.014	0.223	< 0.020	< 0.020	< 0.40	< 0.0020	932	---	0.302	0.0069	0.281	9.4	0.0051	---	311	0.168	0.158	< 0.010	0.011	2850	4130	0.191	< 0.0040	415	1.24	0.00274	< 0.020	< 0.20	0.00042	< 0.040	11.5
	09-Oct-2014	1.05	< 0.0010	0.021	0.222	< 0.020	< 0.020	< 0.40	< 0.0020	620	---	0.533	0.0071	0.348	8.8	< 0.0020	---	340	0.183	0.136	0.015	0.165	3190	4570	0.181	< 0.0040	431	1.04	0.00381	< 0.020	< 0.20	0.00047	< 0.040	10.4
(Replicate A)	09-Oct-2014	0.21	< 0.0010	0.020	0.187	< 0.020	< 0.020	< 0.40	< 0.0020	485	---	0.119	0.0065	0.365	5.8	0.0025	---	358	0.172	0.113	< 0.010	0.013	3220	4950	0.171	< 0.0040	387	0.861	0.00463	0.031	< 0.20	< 0.00040	< 0.040	14.2
(Replicate B)	09-Oct-2014	0.22	< 0.0010	0.022	0.308	< 0.020	< 0.020	< 0.40	< 0.0020	785	---	0.262	0.0156	0.306	6.5	0.0026	---	362	0.248	0.0811	< 0.010	0.018	3320	4640	0.161	< 0.0040	409	1.35	0.00547	0.043	< 0.20	< 0.00040	< 0.040	11.0
	23-Sep-2015	2.21	< 0.0010	0.0159	0.213	< 0.0020	< 0.020	< 0.40	< 0.0020	607	---	0.296	0.0077	1.82	6.8	0.0080	---	310	0.218	0.106	0.011	0.462	3050	4560	0.198	< 0.0040	411	0.974	0.00180	0.020	0.067	< 0.00040	< 0.020	8.60
	31-Aug-2016	< 0.20	< 0.0010	0.0232	0.164	< 0.0020	< 0.020	< 0.40	< 0.0020	583	---	1.27	0.0092	0.318	14.4	0.0030	---	310	0.232	0.116	< 0.010	0.049	3000	4220	0.213	< 0.0040	450	0.812	0.00257	< 0.20 [#2]	0.139	< 0.00040	< 0.020	12.1
	12-Sep-2017	2.79	< 0.0010	0.0251	0.178	< 0.0020	< 0.020	< 0.40	< 0.0020	529	---	0.092	0.0059	0.316	5.3	< 0.0020	---	335	0.191	0.160	< 0.010	0.040	3160	4650	0.210	< 0.0040	421	0.784	0.00346	< 0.020	0.056	< 0.00040	< 0.020	10.9
(Replicate A)	12-Sep-2017	0.21	< 0.0010	0.0319	0.172	< 0.0020	< 0.020	< 0.40	< 0.0020	787	---	0.159	0.0078	0.383	5.2	< 0.0020	---	309	0.175	0.164	< 0.010	< 0.010	3250	4510	0.204	< 0.0040	542	1.06	0.00328	0.043	< 0.050	< 0.00040	< 0.020	8.25
	29-Aug-2018	0.40	< 0.0010	0.0110	0.248	< 0.0010	< 0.0010	< 0.20	< 0.0010	602	---	0.121	0.0063	0.323	6.19	0.0016	---	321	0.208	0.126	0.0055	0.011	3280	4560	0.185	< 0.0010	413	0.991	0.00276	< 0.020	0.220	< 0.00040	< 0.020	10.8
(Replicate A)	05-Sep-2019	0.90	< 0.0010	0.0204	0.203	< 0.0010	< 0.0010	< 0.20	< 0.0010	554	---	0.028	0.0070	0.337	4.48	0.0013	---	338	0.160	0.116	0.0048	< 0.010	3210	4340	0.213	< 0.0010	436	0.863	0.00220	< 0.020	0.270	< 0.00040	< 0.020	8.83
(Replicate B)	05-Sep-2019	1.36	< 0.0010	0.0214	0.195	< 0.0010	< 0.0010	< 0.20	< 0.0010	473	---	0.046	0.0058	0.390	4.91	0.0012	---	319	0.149	0.119	0.0056	< 0.010	3040	4010	0.196	< 0.0010	462	0.751	0.00335	< 0.020	0.297	< 0.00040	< 0.020	8.17
(Replicate A)	28-Oct-2020	0.46	< 0.0010	0.0201	0.167	< 0.0010	< 0.0010	< 0.20	< 0.0010	460	---	0.026	0.0051	0.323	4.25	0.0026	---	310	0.127	0.134	< 0.0040	< 0.010	3180	4640	0.199	< 0.0010	368	0.874	0.00349	< 0.020	0.242	< 0.00040	< 0.020	7.63
(Replicate B)	28-Oct-2020	0.56	< 0.0010	0.0224	0.167	< 0.0010	< 0.0010	< 0.20	< 0.0010	582	---	0.018	0.0052	0.266	4.38	0.0016	---	311	0.141	0.130	< 0.0040	< 0.010	3240	4620	0.232	< 0.0010	379	0.952	0.00314	< 0.020	0.239	< 0.00040	< 0.020	7.51
	29-Sep-2021	0.60	< 0.0020	0.0124	0.231	< 0.0020	---	< 0.20	< 0.0010	569	---	0.051	0.0081	0.477	7.39	0.0048	---	290	0.17	0.145	0.0041	< 0.040	2730	4210	0.171	< 0.0010	488	---	0.00229	---	---	< 0.0040	< 0.020	15.0
	12-Oct-2022	< 0.40	< 0.0020	0.0144	0.224	< 0.0020	---	< 0.20	< 0.0010	1090	---	0.140	0.0061	0.317	4.94	< 0.0040	---	326	0.17	0.109	0.0093	< 0.040	2980	4240	0.168	< 0.0010	436	---	0.00189	---	---	< 0.0040	< 0.020	5.08
	13-Sep-2023	0.46	< 0.0020	0.0132	0.219	< 0.0020	---	< 0.20	< 0.0010	485	---	< 0.010	0.0084	0.267	3.16	0.0171	---	341	0.21	0.118	< 0.0040	< 0.040	2840	4390	0.180	< 0.0010	322	---	0.00244	---	---	< 0.0040	< 0.020	9.35
	14-Aug-2024	< 0.40	< 0.0020	0.0208	0.259	< 0.0020	---	< 0.20	< 0.0010	570	---	< 0.010	0.0052	0.482	4.94	0.0072	---	340	0.16	0.0728	< 0.0040	< 0.040	3010	4260	0.199	< 0.0010	416	---	0.00266	---	---	< 0.0040	< 0.020	9.32
(Replicate A)	24-Sep-2025	< 0.40	< 0.0020	0.006	0.071	< 0.0020	< 0.002	< 0.20	< 0.0010	249	---	< 0.010	< 0.004	0.207	3.18	0.0042	---	296	< 0.10	0.0932	< 0.0040	< 0.040	2280	3730	0.124	< 0.0010	345	0.317	0.00294	< 0.020		< 0.0040	< 0.020	4.24
(Replicate B)	24-Sep-2025	< 0.40	< 0.0020	0.0192	0.099	< 0.0020	< 0.002	< 0.20	< 0.0010	248	---	< 0.010	0.0291	0.258	4.23	< 0.004	---	330	0.12	0.0718	< 0.0040	< 0.040	2620	4410	0.15	< 0.0010	486	0.343	0.0028	0.029		< 0.0040	< 0.020	7.23
Brook Trout 3+	01-Sep-1985	2.8	< 0.02	< 0.02	0.05	< 0.02	---	0.3	**< 0.04**	720	---	< 0.04	< 0.1	0.81	4.1	**< 1**	< 1	286	0.1	0.3	< 0.2	0.4	2600	4180	0.06	---	498	0.39	---	---	2.2	< 6	< 0.04	7.1
	01-Sep-1986	100	< 0.03	0.11	< 0.03	< 0.03	---	0.58	**< 0.06**	249	---	0.35	< 0.16	0.3	27.7	< 0.16	< 1.6	246	0.12	0.1	< 0.3	< 0.3	2120	3740	0.02	---	489	< 0.03	---	---	1.38	< 10	< 0.06	4.31
	01-Sep-1987	9.8	1.18	0.82	1.11	< 0.1	---	< 1	0.7	1750	---	1.4	2.2	11.3	42.1	1.5	< 0.5	1050	1.48	0.12	2	5.5	10100	14150	0.44	< 0.1	1290	2.5	< 0.3	---	< 1	< 1	1.3	30.2
	01-Sep-1988	2.9	0.28	< 0.05	1	1	---	< 1.0	0.1	1350	---	< 0.1	0.2	2.5	14.6	**< 1.0**	< 0.5	630	< 0.4	0.22	< 0.1	**< 1.0**	5800	11000	< 0.05	< 0.1	1295	1.8	< 0.3	---	< 1.0	< 1.0	0.2	16
	01-Sep-1989	4.7	0.01	< 0.01	< 1.0	< 0.1	---	< 1.0	**< 0.1**	930	---	1.4	2.6	24.2	19.6	**< 1.0**	< 0.1	870	0.7	0.95	< 1.0	5.7	7500	14100	< 0.01	< 0.1	1720	1.5	0.1	---	2.8	< 20	0.4	21.4
	01-Sep-1990	24	0.01	< 0.01	15	< 0.1	---	< 1	**< 0.1**	2150	---	4.1	0.8	2.8	47	2	< 0.1	1300	5.4	0.16	< 0.1	0.8	11500	19100	< 0.01	1	2230	3.7	0.2	---	0.8	11	< 0.1	28.3
	24-Sep-1991	13	0.37	0.97	1.1	0.2	---	< 1	**< 0.1**	1330	---	2.4	0.5	2.4	44	2.4	< 0.5	1150	1.6	0.35	0.6	**< 1**	10500	18200	0.03	< 0.1	2040	2	< 0.1	---	2.7	15	0.8	32.3
	28-Oct-1992	3	< 0.05	< 0.05	0.2	< 0.1	---	3	**< 0.1**	---	---	0.3	0.2	0.2	---	< 0.1	< 0.5	280	< 0.4	0.11	< 0.1	< 0.5	2320	---	< 0.05	< 0.1	---	0.6	< 0.1	---	< 0.5	---	< 0.2	7.4
	28-Sep-1994	< 1	< 0.2	< 0.2	< 1	< 0.1	---	< 1	0.04	310	---	0.3	< 0.1	0.4	7	< 0.1	< 0.5	320	0.2	0.17	< 0.3	< 0.5	2780	4550	< 0.2	< 0.2	400	0.4	< 0.1	---	< 0.3	< 50	< 0.2	8.9
	07-Sep-1996	3.1	< 0.02	< 0.1	0.4	0.02	---	< 1	< 0.02	165	---	5.85	< 0.03	0.73	9	0.12	< 0.1	394	0.4	0.14	0.06	1.61	2920	5790	0.5	< 0.01	408	0.37	< 0.02	---	5.48	< 0.04	0.8	7.81
	25-Jun-1997	9.5	< 0.1	1.9	2.4	< 0.02	---	2	**< 0.1**	302	---	0.6	0.1	0.9	23	0.5	0.1	258	0.2	0.1	0.1	< 0.05	2150	3850	**< 1**	< 0.01	634	0.6	< 0.1	< 1	0.4	< 0.04	< 0.1	7.9
	01-Sep-1997	2.3	< 0.2	< 0.2	0.3	< 0.2	---	< 2	**< 0.2**	433	---	< 0.2	< 0.2	0.4	6	< 0.2	---	206	< 0.2	0.16	< 0.2	< 0.2	2310	4640	< 0.2	< 0.2	269	0.6	< 0.2	< 0.2	---	---	< 0.2	8.5
	01-Sep-2000	< 0.7	< 0.1	< 0.5	< 0.7	< 0.7	---	< 2	< 0.02	332	---	**< 1**	< 1	(0.5) [#4]	6	**< 3**	< 0.4	269	< 0.4	0.18	< 0.02	**< 2**	2570	4220	**< 1**	< 0.3	429	(0.4) [#4]	< 0.02	< 1	< 1	< 50	< 0.6	6.1
	12-Oct-2006	11	< 1	< 1	< 10	< 0.4	---	< 2	0.8	139	---	2	< 1	**< 5**	16	**< 1**	< 10	276	< 10	< 0.05	0.9	**< 1**	2380	4090	1.3	< 1	426	< 10	1.4	1	---	< 1	< 1	19
	12-Aug-2010	< 0.2	< 0.001	0.01	0.25	< 0.02	< 0.02	< 0.4	< 0.002	532	---	< 0.04	0.005	0.36	4	< 0.002	---	315	0.10	0.228	< 0.01	< 0.01	3000	4320	0.17	< 0.004	414	0.93	0.0031	< 0.02	< 0.2	< 0.0004	< 0.04	9.50
(Duplicate)	12-Aug-2010	< 0.2	< 0.001	0.01	0.24	< 0.02	< 0.02	< 0.4	< 0.002	515	---	< 0.04	0.007	0.36	5	< 0.002	---	347	0.15	0.146	< 0.01	< 0.01	3110	4640	0.16	< 0.004	435	0.93	0.0037	< 0.02	< 0.2	< 0.0004	< 0.04	10.1
	01-Sep-2012	0.30	< 0.0010	0.017	0.242	< 0.020	< 0.020	< 0.40	< 0.0020	589	---	< 0.040	0.0068	0.325	5.5	0.0024	< 10	307	0.144	0.163	< 0.010	< 0.010	2830	4190	0.151	< 0.0040	457	1.06	0.00369	0.026	0.24	< 0.00040	< 0.040	8.50
(Replicate A)	01-Sep-2012	0.36	< 0.0010	0.020	0.152	< 0.020	< 0.020	< 0.40	< 0.0020	370	---	0.063	0.0072	0.293	5.0	0.0020	< 10	322	0.142	0.132	< 0.010	0.029	2780	4330	0.191	< 0.0040	456	0.623	0.00341	0.026	0.22	< 0.00040	< 0.040	8.19

Metals and Trace Elements: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Aluminum (mg/kg)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Bismuth (mg/kg)	Boron - Hot Water Soluble (mg/kg)	Cadmium (mg/kg)	Calcium (mg/kg)	Chromium (hexavalent) (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Lithium (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Mercury (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Phosphorus (mg/kg)	Potassium (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Sodium (mg/kg)	Strontium (mg/kg)	Thallium (mg/kg)	Tin (mg/kg)	Titanium (mg/kg)	Uranium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
CFIA 2009		---	---	**3.5**	---	---	---	---	---	---	---	---	---	---	---	**0.5**	---	---	---	---	**0.5**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SETAC 1999		**1.2**	**5**	**2.6**	---	---	---	---	**0.02**	---	---	**0.58**	---	**3.4**	---	**0.34**	---	---	---	**0.7**	---	**0.82**	---	---	**0.25**	---	---	---	---	---	---	---	---	**4.5**
Chrystina Lake - Continued																																		
(Duplicate)	01-Sep-2012	0.93	0.0010	0.014	0.238	< 0.020	< 0.020	< 0.40	< 0.0020	491	---	0.081	0.0094	0.510	8.4	0.0031	< 10	313	0.164	0.199	< 0.010	0.037	2680	4270	0.170	< 0.0040	456	0.925	0.00437	0.030	0.23	< 0.00040	< 0.040	7.51
(Replicate C)	02-Oct-2013	< 0.20	< 0.0010	0.018	0.132	< 0.020	< 0.020	< 0.40	< 0.0020	591	---	0.138	0.0081	0.386	7.2	0.0079	---	276	0.121	0.131	< 0.010	< 0.010	2620	3890	0.158	< 0.0040	431	0.904	0.00318	< 0.020	< 0.20	< 0.00040	< 0.040	8.39
(Replicate D)	02-Oct-2013	0.22	< 0.0010	0.020	0.195	< 0.020	< 0.020	< 0.40	< 0.0020	576	---	0.055	0.0050	0.240	5.1	0.0079	---	324	0.248	0.129	< 0.010	< 0.010	2700	4240	0.157	< 0.0040	361	0.836	0.00270	0.026	< 0.20	< 0.00040	< 0.040	11.3
	09-Oct-2014	2.13	< 0.0010	0.013	0.260	< 0.020	< 0.020	< 0.40	< 0.0020	574	---	0.051	0.0067	0.382	5.8	< 0.0020	---	348	0.149	0.238	< 0.010	0.227	3180	4810	0.179	< 0.0040	443	0.942	0.00284	< 0.020	< 0.20	< 0.00040	< 0.040	10.6
(Replicate A)	09-Oct-2014	< 0.20	< 0.0010	0.019	0.257	< 0.020	< 0.020	< 0.40	< 0.0020	636	---	0.192	0.0072	0.321	6.6	0.0022	---	331	0.135	0.192	< 0.010	0.011	3030	4480	0.177	< 0.0040	418	0.967	0.00326	0.025	< 0.20	< 0.00040	< 0.040	9.82
(Replicate B)	09-Oct-2014	0.24	< 0.0010	0.014	0.459	< 0.020	< 0.020	< 0.40	< 0.0020	1030	---	0.262	0.0091	0.280	8.6	0.0033	---	335	0.177	0.272	< 0.010	0.048	3200	4550	0.163	< 0.0040	486	1.58	0.00366	0.029	< 0.20	< 0.00040	< 0.040	23.0
(Duplicate)	09-Oct-2014	2.20	< 0.0010	0.019	0.216	< 0.020	< 0.020	< 0.40	< 0.0020	498	---	0.604	0.0068	0.399	8.4	< 0.0020	---	336	0.159	0.242	< 0.010	0.227	3010	4680	0.173	< 0.0040	430	0.773	0.00271	0.034	< 0.20	< 0.00040	< 0.040	10.2
	23-Sep-2015	0.35	< 0.0010	0.0090	0.203	< 0.0020	< 0.020	< 0.40	< 0.0020	542	---	0.035	0.0081	0.271	5.2	< 0.0020	---	316	0.183	0.132	< 0.010	0.027	3090	4610	0.151	< 0.0040	373	0.790	0.00208	< 0.020	0.098	< 0.00040	< 0.020	9.32
	31-Aug-2016	< 0.20	< 0.0010	0.0159	0.155	< 0.0020	< 0.020	< 0.40	< 0.0020	477	---	0.102	0.0052	0.361	5.0	< 0.0020	---	338	0.127	0.157	< 0.010	0.018	3200	4570	0.182	< 0.0040	420	0.709	0.00174	< 0.20 [#2]	0.122	0.00047	< 0.020	8.00
(Replicate A)	31-Aug-2016	0.31	< 0.0010	0.0123	0.217	< 0.0020	< 0.020	< 0.40	< 0.0020	678	---	0.254	0.0068	0.286	8.5	0.0029	---	322	0.154	0.129	< 0.010	0.053	3220	4460	0.193	< 0.0040	411	0.986	0.00190	< 0.20 [#2]	0.119	0.00043	< 0.020	10.2
(Duplicate)	31-Aug-2016	< 0.20	< 0.0010	0.0155 [#5]	0.156 [#5]	< 0.0020	< 0.020	< 0.40	< 0.0020	476	---	0.102	0.0050	0.367	5.3	0.0023	---	326	0.128	0.148	< 0.010	0.019	3080	4300	0.183	< 0.0040	404	0.713	0.00174	< 0.20 [#2]	0.121	< 0.00040	< 0.020	7.82
	12-Sep-2017	5.91	0.0012	0.0121	0.224	< 0.0020	< 0.020	< 0.40	< 0.0020	746	---	0.045	0.0068	0.343	5.9	0.0022	---	340	0.179	0.203	< 0.010	0.054	3330	4780	0.199	< 0.0040	436	1.07	0.00372	< 0.020	0.070	< 0.00040	< 0.020	8.73
	29-Aug-2018	0.22	< 0.0010	0.0153	0.189	< 0.0010	< 0.0010	< 0.20	< 0.0010	482	---	0.098	0.0060	0.303	6.02	0.0014	---	343	0.123	0.257	0.0042	0.016	3350	4850	0.200	< 0.0010	407	0.703	0.00433	< 0.020	0.228	< 0.00040	< 0.020	9.71
(Duplicate)	29-Aug-2018	0.44	< 0.0010	0.0156	0.193	< 0.0010	< 0.0010	< 0.20	< 0.0010	461	---	0.186	0.0062	0.274	6.74	0.0017	---	305	0.118	0.228	0.0043	0.014	3110	4450	0.188	< 0.0010	373	0.667	0.00443	< 0.020	0.225	< 0.00040	< 0.020	8.81
	05-Sep-2019	0.45	< 0.0010	0.0205	0.223	< 0.0010	< 0.0010	< 0.20	< 0.0010	506	---	0.015	0.0069	0.338	5.00	< 0.0010	---	321	0.127	0.148	0.0057	< 0.010	3160	4280	0.169	< 0.0010	430	0.823	0.00269	< 0.020	0.302	< 0.00040	< 0.020	6.89
	29-Sep-2021	< 0.40	< 0.0020	0.0210	0.257	< 0.0020	---	< 0.20	< 0.0010	863	---	0.064	0.0177	0.289	5.92	0.0042	---	334	0.32	0.0854	< 0.0040	< 0.040	2990	4630	0.177	< 0.0010	453	---	0.00235	---	---	< 0.0040	< 0.020	8.08
(Duplicate)	29-Sep-2021	< 0.40	< 0.0020	0.0244	0.322	< 0.0020	---	< 0.20	< 0.0010	1290	---	0.058	0.0060	0.380	5.63	0.0053	---	329	0.27	0.0898	< 0.0040	< 0.040	3240	4580	0.178	< 0.0010	458	---	0.00246	---	---	< 0.0040	< 0.020	9.57
	12-Oct-2022	0.68	< 0.0020	0.0104	0.181	< 0.0020	---	< 0.20	< 0.0010	618	---	0.036	0.0125	0.259	4.95	0.0049	---	279	0.12	0.153	< 0.0040	< 0.040	2530	4080	0.150	< 0.0010	436	---	0.00176	---	---	< 0.0040	< 0.020	5.38
	13-Sep-2023	< 0.40	< 0.0020	0.0077	0.124	< 0.0020	---	< 0.20	< 0.0010	342	---	< 0.010	0.0156	0.461	5.59	< 0.0040	---	291	0.12	0.136	< 0.0040	< 0.040	2550	4080	0.146	< 0.0010	407	---	0.00225	---	---	< 0.0040	< 0.020	5.90
	14-Aug-2024	< 0.40	< 0.0020	0.0269	0.219	< 0.0020	---	< 0.20	< 0.0010	527	---	0.014	0.0076	0.517	5.67	0.0054	---	325	0.18	0.121	< 0.0040	< 0.040	3000	4240	0.191	< 0.0010	404	---	0.00248	---	---	< 0.0040	< 0.020	10.6
(Duplicate)	14-Aug-2024	< 0.40	< 0.0020	0.0129	0.304	< 0.0020	---	< 0.20	< 0.0010	950	---	< 0.010	0.0098	0.377	5.39	0.0047	---	341	0.18	0.128	< 0.0040	< 0.040	3210	4190	0.179	< 0.0010	438	---	0.00211	---	---	< 0.0040	< 0.020	6.61
(Replicate A)	24-Sep-2025	< 0.40	< 0.0020	0.0117	0.144	< 0.0020	< 0.0020	< 0.20	< 0.0010	342	---	< 0.010	0.0068	0.289	5.06	0.0041	< 0.10	294	< 0.10	0.0977	< 0.0040	< 0.040	2490	4130	0.147	< 0.0010	402	0.535	0.00234	0.045		< 0.0040	< 0.020	7.39
(Duplicate)	24-Sep-2025	< 0.40	0.0049	0.0108	0.119	< 0.0020	< 0.0020	< 0.20	< 0.0010	309	---	0.084	0.0097	0.355	5.78	0.0042	< 0.10	270	< 0.10	0.0958	< 0.0040	< 0.040	2380	3880	0.141	< 0.0010	388	0.491	0.00207	0.111		< 0.0040	< 0.020	5.42
(Replicate B)	24-Sep-2025	0.48	< 0.0020	0.0076	0.21	< 0.0020	< 0.0020	< 0.20	< 0.0010	555	---	< 0.010	0.0091	0.215	4.16	0.006	< 0.10	316	0.11	0.0973	< 0.0040	< 0.040	2620	4090	0.151	< 0.0010	378	0.825	0.00195	0.021		< 0.0040	< 0.020	4.63
Brook Trout 4+	01-Sep-1987	0.8	0.81	< 0.05	0.6	< 0.1	---	< 1.0	**< 0.1**	413	---	**1.1**	1.5	**4.6**	29.1	**< 1.0**	< 0.5	1110	0.7	0.14	1.1	**31.5**	9480	15600	< 0.05	< 0.1	1605	0.6	< 0.3	---	< 1.0	< 1.0	0.5	18.8
	01-Sep-1988	4.2	0.1	< 0.05	0.4	< 0.1	---	< 1.0	**< 0.1**	490	---	< 0.1	< 0.1	1	7.1	**< 1.0**	< 0.5	550	< 0.4	0.42	< 0.1	**< 1.0**	4570	8900	0.05	< 0.1	950	0.6	< 0.3	---	< 1.0	< 0.05	< 1.0	12
	01-Sep-1989	5.7	< 0.01	< 0.01	< 1.0	< 0.1	---	< 1.0	**< 0.1**	1030	---	**1.1**	2	**9.5**	16.6	**< 1.0**	< 0.1	890	< 0.4	**0.81**	< 1.0	**5**	7680	14700	< 0.01	< 0.1	1640	2	0.2	---	2.7	< 20	0.4	24.5
	01-Sep-1990	13	0.01	< 0.01	15	< 0.1	---	< 1	**< 0.1**	1200	---	**3.3**	< 0.1	2.1	41	**1**	< 0.1	1200	0.9	0.23	< 0.1	0.2	10300	17700	< 0.01	1	1910	2.2	0.2	---	0.7	10	0.1	22.6
	05-Nov-1993	< 0.8	< 0.2	< 0.2	< 0.01	< 0.01	---	< 0.01	**< 0.08**	---	---	< 0.2	< 0.04	0.45	---	< 0.2	< 0.01	275	0.1	0.08	< 0.03	< 0.05	1990	---	< 0.2	< 0.02	---	0.3	< 0.1	---	< 0.3	---	< 0.02	9.2
	27-Jun-1998	12.2	< 0.1	3.6	< 1	0.31	---	< 1	**0.3**	363	---	**0.6**	(0.04)	< 0.02	13.2	0.09	0.4	292	< 0.1	0.1	0.17	**1.21**	2000	3300	**< 1**	< 0.01	574	0.8	< 0.1	---	< 0.3	< 0.04	< 0.1	7.9
	01-Sep-1999	< 0.7	< 0.1	< 0.5	< 1	0.2	---	< 1	**< 0.1**	689	---	**1.1**	(0.4)	1.5	15.9	**< 2**	(0.1)	610	0.3	0.11	(0.03)	< 0.5	5120	8630	**2**	0.4	806	0.8	< 0.02	2.14	< 0.3	< 50	1.1	12.8
	10-Sep-2001	**< 10**	< 0.1	< 0.5	< 0.7	< 0.7	---	< 2	< 0.02	280	---	**< 1**	< 1	(0.6)	10	**< 3**	< 0.4	322	< 0.4	0.335	< 0.02	**< 2**	2650	4530	**< 1**	< 0.3	529	(0.4)	< 0.02	< 1	< 1	< 0.04	< 0.6	5.3
	12-Oct-2006	**< 10**	< 1	< 1	< 10	< 0.4	---	< 2	**< 0.1**	354	---	**< 1**	< 1	**< 5**	< 10	**< 1**	< 10	289	< 10	0.13	< 0.4	**< 1**	2520	4320	**< 0.5**	< 1	397	< 10	< 0.3	< 1	---	< 1	< 1	12
	01-Sep-2011	< 0.2	< 0.001	< 0.01	0.11	< 0.02	< 0.02	< 0.4	< 0.002	555	---	< 0.04	0.008	0.32	5	0.006	---	295	0.08	0.142	< 0.01	< 0.01	2650	4030	0.15	< 0.004	402	0.66	0.0033	< 0.02	0.3	< 0.0004	< 0.04	4.75
	02-Oct-2013	0.25	< 0.0010	< 0.010	0.191	< 0.020	< 0.020	< 0.40	< 0.0020	567	---	0.304	0.0053	0.342	8.4	0.0038	---	310	0.132	0.188	< 0.010	0.010	2780	4070	0.164	< 0.0040	377	0.892	0.00263	< 0.020	< 0.20	< 0.00040	< 0.040	8.79
	09-Oct-2014	< 0.20	< 0.0010	0.012	0.242	< 0.020	< 0.020	< 0.40	< 0.0020	511	---	0.170	0.0058	0.279	5.2	0.0027	---	320	0.111	0.267	< 0.010	0.018	2810	4230	0.141	< 0.0040	400	0.852	0.00185	0.024	< 0.20	< 0.00040	< 0.040	10.1
	23-Sep-2015	2.95	< 0.0010	0.0058	0.185	< 0.0020	< 0.020	< 0.40	< 0.0020	448	---	0.071	0.0051	0.874	5.6	0.0028	---	301	0.143	0.331	< 0.010	0.127	3070	4290	0.147	< 0.0040	400	0.628	0.00310	< 0.020	0.110	< 0.00040	< 0.020	6.55
(Replicate A)	23-Sep-2015	4.51	< 0.0010	0.0051	0.150	< 0.0020	< 0.020	< 0.40	< 0.0020	389	---	0.131	0.0044	3.11	6.5	0.0490	---	280	0.150	0.384	< 0.010	0.741	2910	4140	0.165	< 0.0040	407	0.567	0.00197	0.033	0.075	< 0.00040	< 0.020	6.94
	12-Sep-2017	2.73	< 0.0010	0.0068	0.192	< 0.0020	< 0.020	< 0.40	< 0.0020	627	---	0.194	0.0054	0.341	6.1	< 0.0020	---	307	0.136	0.204	< 0.010	0.037	3130	4580	0.182	< 0.0040	445	0.875	0.00245	0.034	< 0.050	< 0.00040	< 0.020	10.0
	29-Aug-2018	< 0.20	< 0.0010	0.0077	0.151	< 0.0010	< 0.0010	< 0.20	< 0.0010	475	---	0.143	0.0057	0.286	5.85	0.0010	---	351	0.099	0.239	0.0055	0.026	3560	5250	0.189	< 0.0010	428	0.691	0.00383	< 0.020	0.270	< 0.00040	< 0.020	5.18
(Replicate A)	29-Aug-2018	0.26	< 0.0010	0.0082	0.111	< 0.0010	< 0.0010	< 0.20	< 0.0010	406	---	0.208	0.0070	0.296	7.44	0.0018	---	324	0.114	0.191	0.0057	0.048	3260	4720	0.199	< 0.0010	397	0.522	0.00246	0.021	0.232	< 0.00040	< 0.020	9.05
(Replicate B)	29-Aug-2018	< 0.20	< 0.0010	0.0090	0.163	< 0.0010	< 0.0010	< 0.20	< 0.0010	552	---	**1.19**	0.0114	0.287	14.0	0.0016	---	318	0.136	0.280	0.0080	0.049	3180	4460	0.179	< 0.0010	478	0.743	0.00329	0.021	0.238	< 0.00040	< 0.020	7.74
	28-Oct-2020	2.09	< 0.0010	0.0091	0.138	< 0.0010	< 0.0010	< 0.20	< 0.0010	370	---	0.089	0.0045	0.330	5.35	0.0017	---	303	0.123	0.264	< 0.0040	0.011	2980	4500	0.148	< 0.0010	366	0.625	0.00248	< 0.020	0.248	< 0.00040	< 0.020	7.64
	29-Sep-2021	0.42	< 0.0020	0.0159	0.188	< 0.0020	---	< 0.20	< 0.0010	413	---	0.041	0.0065	0.424	6.61	< 0.0040	---	298	0.12	0.237	< 0.0040	< 0.040	2720	4150	0.164	< 0.0010	477	---	0.00294	---	---	< 0.0040	< 0.020	8.60
	24-Sep-2025	< 0.40	< 0.0020	0.0058	0.127	< 0.0020	---	< 0.20	< 0.0010	434		< 0.01	0.01	0.298	4.46	0.0041	---	301	0.12	0.159	< 0.0040	< 0.040	2530	4030	0.118	< 0.0010	470	0.563	0.00231	0.157		< 0.0040	< 0.02	7.74
Brook Trout 5+	01-Sep-1987	**20.4**	1.11	< 0.05	1.06	< 0.1	---	< 1.0	**< 0.1**	480	---	**0.9**	2.4	**6.6**	35.6	**< 1.0**	< 0.5	1225	1.2	0.15	< 0.1	**10.4**	10200	15700	< 0.05	< 0.1	1830	0.8	< 0.3	---	< 1.0	< 1.0	0.9	18.1
	28-Oct-1992	**5**	< 0.05	< 0.05	0.2	< 0.1	---	9	**< 0.1**	---	---	0.2	< 0.1	0.4	---	< 0.1	< 0.5	300	< 0.4	0.39	< 0.1	< 0.5	2630	---	< 0.05	< 0.1	---	0.5	< 0.1	---	< 0.5	---	< 0.2	4.7
	05-Nov-1993	< 0.8	< 0.2	< 0.2	< 0.1	< 0.01	---	< 0.1	**< 0.08**	---	---	< 0.2	< 0.04	0.44	---	< 0.2	< 0.01	245	0.1	0.1	< 0.03	< 0.05	1700	---	< 0.2	< 0.2	---	0.3	< 0.1	---	< 0.3	---	< 0.02	10.4
	28-Sep-1994	1	< 0.2	< 0.2	< 1	< 0.1	---	< 1	< 0.02	160	---	0.3	< 0.1	0.3	6	< 0.1	< 0.5	260	< 0.1	0.2	2.4	< 0.5	2270	3830	< 0.2	< 0.2	410	< 0.2	0.1	---	< 0.3	< 50	< 0.2	5.9
	05-Oct-1995	< 1.0	< 0.2	< 0.2	< 1.0	< 0.1	---	< 1.0	**0.07**	410	---	< 0.2	< 0.1	0.5	3	< 0.1	< 0.5	318	0.1	0.16	< 0.3	< 0.5	3080	5110	< 0.2	< 0.2	463	0.6	---	---	< 0.3	< 50	< 0.2	8.8
	01-Sep-1999	< 0.7	< 0.1	< 0.5	< 1.0	0.2	---	(1)	**< 0.1**	358	---	**0.6**	< 0.3	2.1	10	**< 2**	< 0.1	635	0.2	0.1	< 0.02	< 0.5	5240	8900	**< 1.0**	0.4	753	(0.3)	< 0.02	0.34	< 0.3	< 50	1.3	14.8
	01-Sep-2000	1.1	< 0.1	< 0.5	< 0.7	< 0.7	---	< 2	< 0.02	311	---	**< 1**	< 1	(0.5)	7	**< 3**	< 0.4	266	< 0.4	0.14	< 0.02	**< 2**	2560	4160	**< 1.0**	< 0.3	435	(0.4)	< 0.02	< 1	< 1	< 50	< 0.6	6.7
	06-Sep-2002	**< 10**	< 0.1	< 0.5	< 0.7	< 0.7	---	< 2	< 0.02	290	---	**< 1**	< 1	< 0.4	6	**< 3**	< 0.4	249	< 0.4	0.08	< 0.02	**< 2**	2270	3310	**< 1**	< 0.3	430	< 0.4	< 0.02	---	< 1	< 0.04	< 0.6	5.5
	07-Sep-2003	**< 10**	< 0.1	< 0.5	< 0.7	< 0.7	---	< 2	< 0.02	378	---	**< 1**	< 1	< 0.4	5	**< 3**	< 0.4	263	< 0.4	0.116	< 0.02	**< 2**	2430	3630	**< 1**	< 0.3	415	< 0.4	< 0.02	---	< 1	< 0.04	< 0.6	6.0

worley consulting

Table C.1

Metals and Trace Elements: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Aluminum (mg/kg)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Bismuth (mg/kg)	Boron - Hot Water Soluble (mg/kg)	Cadmium (mg/kg)	Calcium (mg/kg)	Chromium (hexavalent) (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Lithium (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Mercury (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Phosphorus (mg/kg)	Potassium (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Sodium (mg/kg)	Strontium (mg/kg)	Thallium (mg/kg)	Tin (mg/kg)	Titanium (mg/kg)	Uranium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
CFIA 2009		---	---	**3.5**	---	---	---	---	---	---	---	---	---	---	---	**0.5**	---	---	---	**0.5**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SETAC 1999		**1.2**	**5**	**2.6**	---	---	---	---	**0.02**	---	---	**0.58**	---	**3.4**	---	**0.34**	---	---	---	**0.7**	---	**0.82**	---	---	**0.25**	---	---	---	---	---	---	---	---	---	**4.5**
Chrystina Lake - Continued																																		
	01-Sep-2004	30	< 0.1	(0.6)	2	< 0.7	---	< 2	< 0.02	4480	---	**< 1**	< 1	1.9	56.1	**< 3**	< 0.4	866	1.9	0.47	(0.03)	**< 2**	9220	11100	**< 1**	< 0.3	1480	5.1	< 0.02	2	< 1	< 0.04	< 0.6	31.2
	01-Sep-2005	13	< 0.1	< 0.5	< 0.7	(0.7)	---	< 2	< 0.02	595.33	---	**< 1**	(1)	1.03	11.67	**< 3**	< 0.4	259.33	(0.4)	0.17	(0.02)	**< 2**	2313.33	3883.33	**< 1**	< 0.3	610.67	0.77	(0.02)	(1)	(1)	< 0.04	(0.7)	8.67
	06-Sep-2006	**< 10**	< 1	< 1	< 10	< 0.4	---	< 2	**< 0.1**	332	---	**< 1**	< 1	**< 5**	< 10	**< 1**	< 10	265	< 10	0.10	< 0.4	**< 1**	2440	4010	**< 0.5**	< 1	371	< 10	< 0.3	< 1	---	< 1	< 1	11
(Duplicate)	06-Sep-2006	**< 10**	< 1	< 1	< 10	< 0.4	---	< 2	**< 0.1**	129	---	1	< 1	**< 5**	< 10	**< 1**	< 10	268	< 10	0.14	< 0.4	**< 1**	2200	3920	**< 0.5**	< 1	333	< 10	< 0.3	2	---	< 1	< 1	12
	11-Sep-2007	67	< 1	< 1	< 10	< 0.4	---	< 2	**< 0.1**	279	< 2	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	232	< 10	0.19	< 0.4	**< 1**	1860	3180	**< 0.5**	< 1	366	< 10	< 0.3	< 1	---	< 1	< 1	**< 10**
	02-Oct-2013	< 0.20	< 0.0010	< 0.010	0.197	< 0.020	< 0.020	< 0.40	< 0.0020	459	---	0.226	0.0055	0.297	7.1	< 0.0020	---	303	0.117	0.250	< 0.010	< 0.010	2720	4180	0.138	< 0.0040	422	0.619	0.00239	< 0.020	< 0.20	< 0.00040	< 0.040	7.58
	23-Sep-2015	3.99	< 0.0010	< 0.0050	0.147	< 0.0020	< 0.020	< 0.40	< 0.0020	451	---	0.136	0.0053	3.19	7.2	0.0568	---	310	0.145	0.393	< 0.010	0.761	3020	4570	0.156	< 0.0040	434	0.631	0.00223	0.032	0.059	< 0.00040	< 0.020	6.88
	30-Aug-2016	< 0.20	< 0.0010	0.0144	0.184	< 0.0020	< 0.020	< 0.40	< 0.0020	590	---	0.189	0.0071	0.319	8.0	0.0050	---	331	0.128	0.197	< 0.010	0.056	3010	4250	0.200	< 0.0040	362	0.816	0.00142	< 0.20 [#2]	0.143	0.00055	< 0.020	11.3
	12-Sep-2017	< 0.20	< 0.0010	0.0118	0.165	< 0.0020	< 0.020	< 0.40	< 0.0020	504	---	0.177	0.0059	0.324	6.3	< 0.0020	---	334	0.075	0.305	< 0.010	< 0.010	3230	4860	0.164	< 0.0040	495	0.653	0.00199	0.029	0.064	< 0.00040	< 0.020	10.4
	29-Sep-2021	1.75	< 0.0020	0.0091	0.124	< 0.0020	---	< 0.20	< 0.0010	766	---	0.063	0.0074	0.255	5.82	0.0093	---	339	0.15	0.222	< 0.0040	< 0.040	2920	4270	0.155	< 0.0010	487	---	0.00261	---	---	< 0.0040	< 0.020	7.34
Brook Trout 6+	27-Jun-1998	4	< 0.1	1.1	< 1	0.06	---	< 1	**< 0.1**	273	---	0.4	< 0.03	0.31	9	0.04	0.2	263	(0.1)	0.13	0.06	0.66	1990	3330	**< 1**	< 0.01	424	0.4	< 0.1	---	< 0.3	< 0.04	< 0.1	8
	10-Sep-2001	**< 10**	< 0.1	< 0.5	< 0.7	< 0.7	---	< 2	< 0.02	454	---	**< 1**	< 1	(0.6)	12.2	**< 3**	< 0.4	389	< 0.4	0.312	< 0.02	**< 2**	3320	5380	**< 1**	< 0.3	554	(0.7)	< 0.02	< 1	< 1	< 0.04	< 0.6	8.5
	01-Sep-2005	**< 10**	< 0.1	< 0.5	< 0.7	(0.7)	---	< 2	**(0.02)**	310.67	---	**< 1**	(1)	1.27	9.67	**< 3**	< 0.4	249.67	< 0.4	0.08	0.03	**< 2**	2103.33	3723.33	**< 1**	< 0.3	571.33	0.4	< 0.02	1	1	< 0.04	0.67	8.13
	11-Sep-2007	108	< 1	< 1	< 10	< 0.4	---	< 2	**< 0.1**	185	< 2	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	265	< 10	0.21	< 0.4	**< 1**	2180	3700	**< 0.5**	< 1	315	< 10	< 0.3	< 1	---	< 1	< 1	**< 10**
Brook Trout 7+	10-Sep-2002	**< 10**	< 0.1	< 0.5	< 0.7	< 0.7	---	< 2	< 0.02	240	---	**< 1**	< 1	< 0.4	5	**< 3**	< 0.4	245	< 0.4	0.09	< 0.02	**< 2**	2300	3710	**< 1**	< 0.3	438	< 0.4	< 0.02	---	< 1	< 0.04	< 0.6	5.6
(Duplicate)	10-Sep-2002	**< 10**	< 0.1	< 0.5	< 0.7	< 0.7	---	< 2	< 0.02	353	---	**< 1**	< 1	< 0.4	5	**< 3**	< 0.4	240	< 0.4	0.09	< 0.02	**< 2**	2430	3680	**< 1**	< 0.3	412	< 0.4	< 0.02	---	< 1	< 0.04	< 0.6	6.2
	01-Sep-2003	**< 10**	< 0.1	< 0.5	< 0.7	< 0.7	---	< 2	< 0.02	332	---	**< 1**	< 1	< 0.4	5	**< 3**	< 0.4	262	< 0.4	0.19	< 0.02	**< 2**	2590	3850	**< 1**	< 0.3	389	< 0.4	< 0.02	---	< 1	< 0.04	< 0.6	5.3
(Duplicate)	01-Sep-2003	**< 10**	< 0.1	< 0.5	< 0.7	< 0.7	---	< 2	< 0.02	380	---	**< 1**	< 1	< 0.4	5	**< 3**	< 0.4	260	< 0.4	0.17	< 0.02	**< 2**	2590	3810	**< 1**	< 0.3	389	< 0.4	< 0.02	---	< 1	< 0.04	< 0.6	5.6
	01-Sep-2004	50	< 0.1	< 0.5	1.6	< 0.7	---	< 2	0.06	1830	---	**< 1**	< 1	3	73.2	**< 3**	< 0.4	859	1.7	**0.62**	0.04	**< 2**	8780	12000	**< 1**	< 0.3	1340	2.5	< 0.02	(1)	(1)	< 0.04	< 0.6	47
(Duplicate)	01-Sep-2004	116	< 0.1	< 0.5	1.9	< 0.7	---	< 2	< 0.02	2000	---	(1)	< 1	1.9	144	**< 3**	1.1	1090	6.2	**0.73**	0.06	**< 2**	10600	15800	**< 1**	< 0.3	1570	2.7	< 0.02	< 1	4	< 0.04	< 0.6	23.5
	01-Sep-2005	**< 10**	< 0.1	< 0.5	< 0.7	(0.7)	---	< 2	< 0.02	186	---	**< 1**	< 1	0.4	14	**< 3**	< 0.4	249	0.4	0.25	0.02	**< 2**	2190	3740	**< 1**	< 0.3	585	0.4	< 0.02	(1)	(1)	< 0.04	(0.6)	6.9
						1.1				346				1.8	8			261	0.4	0.04	0.02		2170	4130			560	0.5					0.8	8.8
(Duplicate)	01-Sep-2005	**< 10**	< 0.1	< 0.5	< 0.7	(0.7)	---	< 2	< 0.02	232	---	**< 1**	< 1	0.4	5	**< 3**	< 0.4	224	2.7	0.3	0.05	**< 2**	2010	3360	**< 1**	< 0.3	546	0.4	< 0.02	(1)	(1)	< 0.04	(0.6)	8.2
						0.9				436				1.9	14			290					2370	4290			597	0.7					1.2	9.9
	11-Sep-2007	79	< 1	< 1	< 10	< 0.4	---	< 2	**< 0.1**	402	< 2	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	287	< 10	0.20	< 0.4	**< 1**	2330	4130	**< 0.5**	< 1	444	< 10	< 0.3	< 1	---	< 1	< 1	**< 10**
(Duplicate)	11-Sep-2007	82	< 1	< 1	< 10	< 0.4	---	< 2	**< 0.1**	341	< 2	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	260	< 10	0.09	< 0.4	**< 1**	2090	3470	**< 0.5**	< 1	385	< 10	< 0.3	< 1	---	< 1	< 1	**< 10**
Brook Trout 9+	01-Sep-2004	75	< 0.1	< 0.5	1.8	< 0.7	---	< 2	< 0.02	1210	---	**< 1**	< 1	1.7	122	**< 3**	< 0.4	1070	3	**0.82**	0.06	**< 2**	9130	13700	2	< 0.3	1630	1.4	< 0.02	< 1	2	< 0.04	< 0.6	36.3
Brook Trout 11+	11-Sep-2007	107	< 1	< 1	< 10	< 0.4	---	< 2	**< 0.1**	196	< 2	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	268	< 10	0.18	< 0.4	**< 1**	2130	3760	**< 0.5**	< 1	376	< 10	< 0.3	< 1	---	< 1	< 1	**< 10**
Brook Trout 12+	11-Sep-2007	41	< 1	< 1	< 10	< 0.4	---	2	**< 0.1**	423	< 2	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	291	< 10	0.21	< 0.4	**< 1**	1890	3270	**< 0.5**	< 1	506	< 10	< 0.3	< 1	---	< 1	< 1	**< 10**
Brook Trout Unknown (Replicate A)	23-Jul-2008	18	< 1	< 1	< 10	< 0.4	---	2	**< 0.1**	540	< 1.5	1	< 1	**< 5**	< 10	**< 0.5**	< 10	320	< 10	< 0.05	< 0.4	**< 1**	2600	4200	0.5	< 1	440	< 10	< 0.3	5	---	< 1	< 1	**< 10**
(Replicate B)	23-Jul-2008	46	< 1	< 1	< 10	< 0.4	---	< 2	**< 0.1**	650	< 0.75	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	290	< 10	< 0.05	< 0.4	**< 1**	2400	3800	**< 0.5**	< 1	480	< 10	< 0.3	7	---	< 1	< 1	**< 10**
(Replicate C)	23-Jul-2008	38	< 1	< 1	< 10	< 0.4	---	< 2	**< 0.1**	800	< 0.75	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	300	< 10	< 0.05	< 0.4	**< 1**	2700	3900	**< 0.5**	< 1	480	< 10	< 0.3	4	---	< 1	< 1	**< 10**
(Replicate D)	23-Jul-2008	45	< 1	< 1	< 10	< 0.4	---	< 2	**< 0.1**	810	< 0.75	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	320	< 10	0.08	< 0.4	**< 1**	2800	4200	**< 0.5**	< 1	430	< 10	< 0.3	< 1	---	< 1	< 1	**< 10**
(Replicate E)	23-Jul-2008	36	< 1	< 1	< 10	< 0.4	---	< 2	**< 0.1**	1100	< 0.75	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	310	< 10	0.09	< 0.4	**< 1**	2700	3900	**< 0.5**	< 1	450	< 10	< 0.3	1	---	< 1	< 1	**< 10**
(Duplicate)	23-Jul-2008	18	< 1	< 1	< 10	< 0.4	---	3	**< 0.1**	520	---	**< 1**	< 1	**< 5**	11	**< 0.5**	< 10	320	< 10	---	< 0.4	**< 1**	2600	4300	**< 0.5**	< 1	450	< 10	< 0.3	2	---	---	< 1	10
	12-Oct-2022	< 0.40	< 0.0020	0.0097	0.062	< 0.0020	---	< 0.20	< 0.0010	220	---	< 0.010	0.0089	0.386	5.01	0.0077	---	289	0.25	0.145	< 0.0040	< 0.040	2480	4020	0.146	< 0.0010	328	---	0.00383	---	---	< 0.0040	< 0.020	5.80
	13-Sep-2023	0.47	< 0.0020	0.0129	0.310	< 0.0020	---	< 0.20	< 0.0010	620	---	0.223	0.0121	0.565	7.78	0.0103	---	309	0.42	0.137	0.0043	< 0.040	2880	4160	0.189	< 0.0010	460	---	0.00376	---	---	< 0.0040	< 0.020	8.30
(Replicate)	13-Sep-2023	1.19	< 0.0020	0.0119	0.212	< 0.0020	---	< 0.20	< 0.0010	436	---	0.039	0.0110	0.432	5.81	0.0159	---	300	0.14	0.156	< 0.0040	< 0.040	2730	4210	0.163	< 0.0010	376	---	0.00194	---	---	< 0.0040	< 0.020	7.17
(Replicate A)	14-Aug-2024	< 0.40	< 0.0020	0.0119	0.138	< 0.0020	---	< 0.20	< 0.0010	362	---	< 0.010	0.028	0.43	4.04	0.0061	---	372	0.18	0.102	< 0.0040	< 0.040	3180	5030	0.208	< 0.0010	416	---	0.00504	---	---	< 0.0040	< 0.020	7.30
(Replicate B)	14-Aug-2024	< 0.40	< 0.0020	0.0286	0.212	< 0.0020	---	< 0.20	< 0.0010	486	---	0.01	0.022	0.366	3.74	0.0062	---	363	0.13	0.073	0.0043	< 0.040	3100	4510	0.184	< 0.0010	436	---	0.00184	---	---	< 0.0040	< 0.020	15.6
(Replicate C)	14-Aug-2024	< 0.40	< 0.0020	< 0.0040	0.22	< 0.0020	---	< 0.20	< 0.0010	382	---	< 0.010	0.0051	0.365	3.74	0.0071	---	357	0.16	0.165	< 0.0040	< 0.040	2930	4140	0.179	< 0.0010	365	---	0.0035	---	---	< 0.0040	< 0.020	4.64
	24-Sep-2025	< 0.40	< 0.0020	0.0074	0.132	< 0.0020	---	< 0.20	< 0.0010	330		< 0.010	0.0078	0.273	4.27	< 0.004	< 0.1	298	< 0.1	0.0762	< 0.0040	< 0.040	2520	4070	0.146	< 0.0010	362	0.535	0.00269	0.076		< 0.0040	< 0.020	6.41
White Sucker 1+	09-Oct-2014	0.55	< 0.0010	0.132	4.04	< 0.020	< 0.020	< 0.40	< 0.0020	5710	---	0.177	0.0052	0.377	7.5	0.0062	---	420	2.17	0.254	< 0.010	0.015	5330	4290	0.200	< 0.0040	600	6.62	0.00240	0.054	< 0.20	0.00045	< 0.040	20.1
White Sucker 2+	09-Oct-2014	4.28	0.0010	0.077	1.68	< 0.020	< 0.020	< 0.40	< 0.0020	2250	---	0.522	0.0087	0.386	14.7	0.0040	---	364	1.39	0.264	0.016	0.671	3340	4030	0.158	< 0.0040	725	2.38	0.00085	0.038	< 0.20	< 0.00040	< 0.040	12.3
White Sucker 5+	26-Jun-1997	6	< 0.1	1.3	0.6	< 0.02	---	< 1	**< 0.1**	869	---	0.7	0.4	1	13	0.5	< 0.1	277	0.4	0.21	< 0.02	< 0.05	2290	3940	**< 1**	< 0.01	758	0.9	< 0.1	< 1	0.5	< 0.04	0.2	10.7
White Sucker 6+	26-Jun-1997	4.4	< 0.1	1.4	0.7	< 0.02	---	< 1	**< 0.1**	645	---	0.4	0.3	0.8	7	0.3	< 0.1	279	0.5	0.22	0.1	< 0.05	2270	4140	1.7	< 0.01	565	0.7	< 0.1	< 1	0.3	< 0.04	0.1	8.4
	25-Jun-1998	3	< 0.1	2.8	< 1	0.1	---	< 1	(0.1)	488	---	< 0.2	(0.05)	0.75	13.2	< 0.02	0.2	324	0.4	0.17	< 0.02	0.34	1920	3300	**< 1**	< 0.01	668	0.6	< 0.1	---	< 0.3	< 0.04	< 0.1	9.3
	01-Sep-2004	27	< 0.1	< 0.5	4	< 0.7	---	< 2	(0.036)	5190	---	**< 1**	< 1	2.5	57.9	**< 3**	1	1090	3	**0.57**	0.05	**< 2**	11300	15900	**< 1**	< 0.3	2370	5.2	(0.02)	(1)	< 1	< 0.04	< 0.6	58
	11-Sep-2007	112	< 1	< 1	< 10	< 0.4	---	< 2	**< 0.1**	3420	< 2	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	266	< 10	0.27	< 0.4	**< 1**	3270	3200	**< 0.5**	< 1	481	< 10	< 0.3	< 1	---	< 1	< 1	13

Metals and Trace Elements: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Aluminum (mg/kg)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Bismuth (mg/kg)	Boron - Hot Water Soluble (mg/kg)	Cadmium (mg/kg)	Calcium (mg/kg)	Chromium (hexavalent) (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Lithium (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Mercury (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Phosphorus (mg/kg)	Potassium (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Sodium (mg/kg)	Strontium (mg/kg)	Thallium (mg/kg)	Tin (mg/kg)	Titanium (mg/kg)	Uranium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
CFIA 2009		---	---	**3.5**	---	---	---	---	---	---	---	---	---	---	---	**0.5**	---	---	---	**0.5**	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SETAC 1999		**1.2**	**5**	**2.6**	---	---	---	---	**0.02**	---	---	**0.58**	---	**3.4**	---	**0.34**	---	---	---	**0.7**	---	**0.82**	---	---	**0.25**	---	---	---	---	---	---	---	---	---	**4.5**
Chrystina Lake - Continued																																		
	11-Aug-2009	140	< 1	< 1	< 10	< 0.4	---	5	**< 0.1**	4600	1.9 [#1]	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	380	< 10	0.14	< 0.4	**< 1**	4500	4200	**< 0.5**	< 1	520	< 10	< 0.3	2	---	< 1	< 1	24
White Sucker 7+	11-Sep-2007	99	< 1	< 1	11	< 0.4	---	< 2	**< 0.1**	18900	< 2	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	547	12	0.20	< 0.4	**< 1**	10600	2530	**< 0.5**	< 1	839	23	< 0.3	< 1	---	< 1	< 1	31
White Sucker 8+	25-Jun-1998	13.5	< 0.1	5.7	< 1	0.23	---	3	0.2	1030	---	(0.3)	(0.05)	0.34	16.4	0.3	0.6	332	1.1	0.22	< 0.02	0.56	2230	3480	**< 1**	< 0.01	707	1.3	< 0.1	---	< 0.3	< 0.04	< 0.1	8.2
	11-Sep-2007	36	< 1	< 1	< 10	< 0.4	---	< 2	**< 0.1**	1550	< 2	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	245	< 10	0.26	< 0.4	**< 1**	2420	3280	**< 0.5**	< 1	429	< 10	< 0.3	< 1	---	< 1	< 1	10
	11-Aug-2009	140	< 1	< 1	< 10	< 0.4	---	4	**< 0.1**	7700	1.7 [#1]	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	440	< 10	0.13	< 0.4	**< 1**	6100	3800	**< 0.5**	< 1	560	11	< 0.3	1	---	< 1	< 1	29
White Sucker 9+	01-Sep-2004	26	< 0.1	(0.9)	7.7	< 0.7	---	< 2	0.25	17000	---	(1)	< 1	4	70	**< 3**	1.1	1220	9.9	1.42	0.07	**< 2**	18700	18800	**< 1**	< 0.3	3750	17.5	< 0.02	(1)	(1)	< 0.04	< 0.6	61.4
	11-Sep-2007	93	< 1	< 1	< 10	< 0.4	---	< 2	**< 0.1**	2790	< 2	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	289	< 10	0.27	< 0.4	**< 1**	3180	3770	**< 0.5**	< 1	462	< 10	< 0.3	< 1	---	< 1	< 1	14
White Sucker 10+	11-Aug-2009	140	< 1	< 1	< 10	< 0.4	---	2	**< 0.1**	10000	1.4 [#1]	**< 1**	< 1	**< 5**	13	**< 0.5**	< 10	480	< 10	0.18	< 0.4	**< 1**	7200	3700	**< 0.5**	< 1	690	12	< 0.3	2	---	< 1	< 1	30
White Sucker 11+	01-Sep-2004	64	< 0.1	< 0.5	5.2	(0.8)	---	(3)	< 0.02	2210	---	(1)	< 1	3.7	134	**< 3**	1.9	943	3.7	1.79	0.09	**< 2**	8820	14600	**< 1**	< 0.3	3190	2.2	< 0.02	2	2	< 0.04	< 0.6	66.4
	11-Aug-2009	140	< 1	< 1	< 10	< 0.4	---	5	**< 0.1**	5100	1.1 [#1]	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	370	< 10	0.25	< 0.4	**< 1**	4900	4000	**< 0.5**	< 1	710	< 10	< 0.3	1	---	< 1	< 1	25
White Sucker Large	28-Oct-1992	< 1	< 0.05	< 0.05	0.2	< 0.1	---	4	**< 0.1**	---	---	0.1	< 0.1	0.9	---	< 0.1	< 0.1	243	< 0.4	0.19	< 0.1	< 0.5	1890	---	< 0.05	< 0.1	---	< 0.5	< 0.1	---	< 0.2	---	< 0.2	6.4
	05-Nov-1993	< 0.8	< 0.2	< 0.2	< 1	< 0.01	---	< 0.01	**< 0.08**	---	---	< 0.2	< 0.04	0.35	---	< 0.2	< 0.5	255	0.2	0.32	< 0.03	< 0.5	1940	---	< 0.2	< 0.02	---	< 0.2	< 0.1	---	< 0.3	---	< 0.02	4.6
	28-Sep-1994	< 1	< 0.2	< 0.2	< 1	< 0.1	---	< 1	0.02	240	---	0.2	< 0.1	0.4	8	< 0.1	< 0.5	240	0.2	0.29	< 0.3	< 0.5	2240	3760	< 0.2	< 0.2	450	< 0.2	< 0.1	---	< 0.3	< 50	< 0.2	7.5
	05-Oct-1995	1	< 0.2	< 0.2	3	< 0.1	---	< 1	0.07	3770	---	< 0.2	< 0.1	0.7	5	< 0.1	< 0.5	349	2.5	0.12	< 0.3	< 0.5	4380	4770	< 0.2	< 0.2	471	4.5	---	---	< 0.3	< 50	< 0.2	11.4
	07-Sep-1996	3.1	< 0.02	0.1	0.7	< 0.02	---	< 1	< 0.02	236	---	5.25	< 0.03	0.7	8	0.02	< 0.1	308	0.4	0.21	0.05	0.47	2210	4850	< 0.1	< 0.01	446	0.54	< 0.02	---	3.07	< 0.04	1	6.27
White Sucker Medium	01-Sep-1990	13	0.01	< 0.01	21	0.1	---	22	**< 0.1**	15800	---	3.6	0.3	2.8	44	**< 1**	< 0.1	1380	9.8	0.18	< 0.1	0.4	16500	16000	< 0.01	< 1	2060	23	0.1	---	0.5	< 5	0.1	42.4
	24-Sep-1991	16	0.08	0.4	2	0.2	---	< 1	**< 0.1**	850	---	2	< 0.1	2	44	1	< 0.5	1250	1.5	0.47	< 0.1	**< 1**	10500	20400	0.04	0.4	2300	< 1	< 0.1	---	2.5	7	1	30.9
	28-Oct-1992	< 1	< 0.05	< 0.05	0.8	< 0.1	---	1	**< 0.1**	---	---	0.2	< 0.1	0.4	---	< 0.1	< 0.1	269	< 0.4	0.17	< 0.1	< 0.5	2680	---	< 0.05	< 0.01	---	2.2	< 0.1	---	< 0.2	---	< 0.1	9.2
	05-Nov-1993	< 0.8	< 0.2	< 0.2	< 1	< 0.01	---	< 1	**< 0.08**	---	---	< 0.2	< 0.04	0.32	---	< 0.2	< 0.01	275	0.2	0.11	< 0.03	< 0.05	1930	---	< 0.2	< 0.2	---	< 0.2	< 0.1	---	< 0.3	---	< 0.02	5.7
White Sucker Small	28-Oct-1992	4	< 0.05	< 0.05	0.8	< 0.1	---	9	**< 0.1**	---	---	0.3	< 0.1	1.2	---	< 0.1	< 0.1	263	< 0.4	0.1	< 0.1	< 0.5	1910	---	< 0.05	0.1	---	< 0.5	< 0.1	---	< 0.5	---	< 0.2	10.3
	05-Nov-1993	< 0.8	< 0.2	< 0.2	< 1	< 0.01	---	< 0.1	**< 0.08**	---	---	< 0.2	< 0.04	0.31	---	< 0.2	< 0.01	247	0.4	0.04	< 0.03	< 0.05	1670	---	< 0.2	< 0.02	---	0.3	< 0.1	---	< 0.3	---	< 0.02	8.2
	05-Oct-1995	< 1	< 0.2	< 0.2	2	< 0.1	---	< 1	0.07	1850	---	0.2	< 0.1	0.4	3	< 0.1	< 0.5	312	2.1	0.1	< 0.3	< 0.5	3270	4680	< 0.2	< 0.2	281	2.4	---	---	< 0.3	< 50	< 0.2	8.6
	07-Sep-1996	3.4	< 0.02	0.2	0.8	< 0.02	---	< 1	< 0.02	523	---	4.76	0.03	0.6	7	0.02	< 0.1	303	0.5	0.17	0.05	0.17	2220	4610	0.4	< 0.01	370	0.75	< 0.02	---	3.59	< 0.04	0.7	4.7
Edith Lake																																		
Brook Trout 1+	12-Aug-2009	120	< 1	< 1	< 10	< 0.4	---	10	**< 0.1**	500	1.2 [#1]	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	310	< 10	< 0.05	< 0.4	**< 1**	2700	4400	**< 0.5**	< 1	530	< 10	< 0.3	1	---	< 1	< 1	16
	01-Sep-2011	0.6	< 0.001	0.26	0.05	< 0.02	< 0.02	< 0.4	< 0.002	296	---	< 0.04	0.011	0.37	4	0.010	---	276	0.21	0.031	< 0.01	< 0.01	2280	3850	0.26	< 0.004	445	0.47	0.0030	0.03	0.2	< 0.0004	< 0.04	5.81
(Duplicate)	01-Sep-2011	0.2	< 0.001	0.27	0.12	< 0.02	< 0.02	< 0.4	< 0.002	964	---	< 0.04	0.010	0.40	4	0.003	---	287	0.47	0.033	< 0.01	< 0.01	2690	3880	0.24	< 0.004	442	1.16	0.0029	< 0.02	0.3	< 0.0004	< 0.04	7.10
	01-Sep-2012	0.29	< 0.0010	0.181	0.428	< 0.020	< 0.020	< 0.40	< 0.0020	1390	---	< 0.040	0.0098	0.320	4.9	0.0044	< 10	299	0.670	0.0269	< 0.010	0.011	2910	3780	0.257	< 0.0040	491	2.61	0.00269	0.031	0.22	< 0.00040	< 0.040	10.1
	23-Sep-2015	2580	0.0014	0.181	0.239	< 0.0020	< 0.020	< 0.40	< 0.0020	596	---	0.540	0.0105	1.28	26.4	0.0865	---	307	17.6	0.0602	0.018	0.802	2750	4320	0.261	< 0.0040	483	1.20	0.00183	< 0.020	0.604	0.00133	0.176	9.15
	30-Aug-2016	0.20	< 0.0010	0.244	0.140	< 0.0020	< 0.020	< 0.40	< 0.0020	543	---	0.286	0.0180	0.343	7.6	0.0028	---	320	0.339	0.0444	< 0.010	0.037	2870	4310	0.288	< 0.0040	462	0.914	0.00211	< 0.20 [#2]	0.113	0.00068	< 0.020	9.17
	13-Sep-2017	0.38	< 0.0010	0.227	0.212	< 0.0020	< 0.020	< 0.40	< 0.0020	983	---	0.362	0.0099	0.357	7.4	0.0024	---	331	0.541	0.0306	< 0.010	0.016	3190	4510	0.313	< 0.0040	489	1.38	0.00237	0.051	0.087	< 0.00040	< 0.020	10.0
	29-Aug-2018	0.81	< 0.0010	0.191	0.195	< 0.0010	< 0.0010	< 0.20	< 0.0010	609	---	0.301	0.0133	0.375	8.41	0.0035	---	302	0.494	0.0213	0.0047	0.025	2960	4220	0.308	< 0.0010	439	0.875	0.00190	< 0.020	0.231	< 0.00040	< 0.020	9.74
(Replicate A)	06-Sep-2019	0.22	< 0.0010	0.228	0.146	< 0.0010	< 0.0010	< 0.20	< 0.0010	553	---	0.296	0.0163	0.446	6.77	0.0038	---	305	0.403	0.0287	0.0062	0.017	2700	3780	0.322	< 0.0010	499	0.802	0.00193	< 0.020	0.265	< 0.00040	< 0.020	10.1
(Replicate B)	06-Sep-2019	0.25	< 0.0010	0.226	0.171	< 0.0010	< 0.0010	< 0.20	< 0.0010	832	---	0.308	0.0128	0.476	7.36	0.0022	---	300	0.548	0.0306	< 0.0040	0.015	2860	3700	0.309	< 0.0010	544	1.26	0.00211	< 0.020	0.259	< 0.00040	< 0.020	8.96
	28-Oct-2020	2.68	< 0.0010	0.255	0.147	< 0.0010	< 0.0010	< 0.20	< 0.0010	571	---	0.230	0.0087	0.335	6.22	0.0019	---	276	0.326	0.0270	0.0119	< 0.010	2780	4390	0.288	< 0.0010	424	1.02	0.00210	< 0.020	0.206	< 0.00040	< 0.020	9.34
	30-Sep-2021	< 0.40	< 0.0020	0.0132	0.937	< 0.0020	---	< 0.20	< 0.0010	3290	---	0.139	0.0234	0.321	5.11	0.0059	---	366	0.93	0.247	< 0.0040	< 0.040	4340	4520	0.144	< 0.0010	453	---	0.00201	---	---	< 0.0040	< 0.020	6.02
	13-Oct-2022	0.53	< 0.0020	0.239	0.239	< 0.0020	---	< 0.20	< 0.0010	532	---	0.148	0.0090	0.409	6.10	0.0104	---	294	0.33	0.0660	< 0.0040	< 0.040	2620	4330	0.213	< 0.0010	572	---	0.00204	---	---	< 0.0040	< 0.020	7.79
	14-Sep-2023	0.65	< 0.0020	0.218	0.245	< 0.0020	---	< 0.20	< 0.0010	493	---	< 0.010	0.0154	0.379	4.71	0.0049	---	301	0.44	0.0293	< 0.0040	< 0.040	2540	4230	0.248	< 0.0010	429	---	0.00204	---	---	< 0.0040	< 0.020	8.05
	15-Aug-2024	< 0.40	< 0.0020	0.377	0.220	< 0.0020	---	< 0.20	< 0.0010	518	---	2.83	0.0058	0.540	5.20	0.0369	---	322	0.42	0.0165	0.0076	< 0.040	2720	3990	0.256	0.0012	422	---	0.00137	---	---	< 0.0040	< 0.020	9.44
Brook Trout 2+	12-Aug-2009	130	< 1	< 1	< 10	< 0.4	---	2	**< 0.1**	510	2.6 [#1]	**< 1**	< 1	**< 5**	10	**< 0.5**	< 10	290	< 10	< 0.05	< 0.4	**< 1**	2700	4300	**< 0.5**	< 1	540	< 10	< 0.3	1	---	< 1	< 1	15
	12-Aug-2010	1.5	< 0.001	0.06	0.22	< 0.02	< 0.02	< 0.4	< 0.002	506	---	< 0.04	0.014	0.29	5	< 0.002	---	360	0.29	0.110	< 0.01	< 0.01	3480	4890	0.16	< 0.004	458	1.27	0.0024	< 0.02	< 0.2	< 0.0004	< 0.04	10.3
	01-Sep-2011	< 0.2	< 0.001	< 0.01	0.03	< 0.02	< 0.02	< 0.4	< 0.002	167	---	< 0.04	0.011	0.35	4	0.004	---	289	0.10	0.108	< 0.01	< 0.01	2400	3990	0.15	< 0.004	375	0.31	0.0024	< 0.02	0.2	< 0.0004	< 0.04	6.03
	01-Sep-2012	0.27	< 0.0010	0.014	0.303	< 0.020	< 0.020	< 0.40	< 0.0020	572	---	< 0.040	0.0213	0.260	4.9	0.0027	< 10	306	0.428	0.178	< 0.010	0.027	2620	4210	0.187	< 0.0040	391	1.34	0.00243	0.027	0.24	< 0.00040	< 0.040	8.08
	02-Oct-2013	0.28	< 0.0010	0.039	0.295	< 0.020	< 0.020	< 0.40	< 0.0020	758	---	0.321	0.0098	0.315	8.7	0.0096	---	284	0.375	0.128	< 0.010	0.013	2650	3830	0.168	< 0.0040	404	1.53	0.00223	< 0.020	< 0.20	< 0.00040	< 0.040	10.6
	09-Oct-2014	36.5 [#6]	< 0.0010	0.012	0.245	< 0.020	< 0.020	< 0.40	< 0.0020	643	---	0.487	0.0599	0.318	9.0	0.0028	---	357	0.601 [#6]	0.138	0.015	0.114	3100	4720	0.172	< 0.0040	413	1.35	0.00359	< 0.020	< 0.20	< 0.00040	< 0.040	11.6
(Replicate A)	09-Oct-2014	0.39	< 0.0010	0.011	0.409	< 0.020	< 0.020	< 0.40	< 0.0020	765	---	1.17	0.0083	0.295	14.1	0.0068	---	320	0.333	0.195	< 0.010	0.044	2920	4230	0.155	< 0.0040	410	1.90	0.00146	0.062	< 0.20	< 0.00040	< 0.040	10.6
(Replicate B)	09-Oct-2014	0.33	< 0.0010	0.023	0.321	< 0.020	< 0.020	< 0.40	< 0.0020	706	---	0.262	0.0771	0.281	7.7	0.0042	---	374	0.449	0.130	< 0.010	0.019	3320	4920	0.208	< 0.0040	536	1.31	0.00383	< 0.020	< 0.20	< 0.00040	< 0.040	9.27
	23-Sep-2015	0.86	< 0.0010	0.0141	0.343	< 0.0020	< 0.020	< 0.40	< 0.0020	596	---	0.073	0.0061	0.325	4.5	< 0.0020	---	315	0.281	0.119	< 0.010	< 0.010	3130	4720	0.153	< 0.0040	411	1.76	0.00124	< 0.020	< 0.050	< 0.00040	< 0.020	8.08

Metals and Trace Elements: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Aluminum (mg/kg)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Bismuth (mg/kg)	Boron - Hot Water Soluble (mg/kg)	Cadmium (mg/kg)	Calcium (mg/kg)	Chromium (hexavalent) (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Lithium (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Mercury (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Phosphorus (mg/kg)	Potassium (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Sodium (mg/kg)	Strontium (mg/kg)	Thallium (mg/kg)	Tin (mg/kg)	Titanium (mg/kg)	Uranium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
CFIA 2009		---	---	**3.5**	---	---	---	---	---	---	---	---	---	---	---	**0.5**	---	---	---	---	**0.5**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SETAC 1999		**1.2**	**5**	**2.6**	---	---	---	---	**0.02**	---	---	**0.58**	---	**3.4**	---	**0.34**	---	---	---	**0.7**	---	**0.82**	---	---	**0.25**	---	---	---	---	---	---	---	---	**4.5**
Edith Lake - Continued																																		
	30-Aug-2016	0.24	< 0.0010	0.0436	0.297	< 0.0020	< 0.020	< 0.40	< 0.0020	659	---	0.127	0.0227	0.292	6.3	0.0022	---	327	0.557	0.0861	< 0.010	0.051	3030	4200	0.238	< 0.0040	382	1.54	0.00224	< 0.20 [#2]	0.141	0.00052	< 0.020	13.4
	13-Sep-2017	0.74	< 0.0010	0.0690	0.320	< 0.0020	< 0.020	< 0.40	< 0.0020	701	---	0.159	0.0077	0.352	7.4	0.0028	---	320	0.445	0.151	< 0.010	< 0.010	3160	4610	0.191	< 0.0040	495	1.51	0.00201	0.031	0.073	< 0.00040	< 0.020	10.1
	29-Aug-2018	0.62	< 0.0010	0.0621	0.249	< 0.0010	< 0.0010	< 0.20	< 0.0010	638	---	0.142	0.0159	0.298	7.42	0.0020	---	311	0.507	0.165	0.0044	0.017	3120	4540	0.206	< 0.0010	483	1.31	0.00344	< 0.020	0.242	< 0.00040	< 0.020	9.23
(Replicate A)	06-Sep-2019	1.82	< 0.0010	0.0594	0.292	< 0.0010	< 0.0010	< 0.20	< 0.0010	797	---	0.038	0.0299	0.267	5.88	0.0028	---	303	0.616	0.0744	< 0.0040	0.012	2900	4090	0.244	< 0.0010	529	1.61	0.00364	< 0.020	0.289	< 0.00040	< 0.020	9.98
(Replicate B)	06-Sep-2019	1.21	< 0.0010	0.0474	0.429	< 0.0010	< 0.0010	< 0.20	< 0.0010	651	---	0.075	0.0296	0.304	6.19	0.0032	---	294	0.709	0.0876	0.0042	0.011	2790	3760	0.234	< 0.0010	508	1.62	0.00367	< 0.020	0.274	< 0.00040	< 0.020	10.4
	28-Oct-2020	< 0.20	< 0.0010	0.0793	0.223	< 0.0010	< 0.0010	< 0.20	< 0.0010	603	---	0.854	0.0210	0.255	11.7	0.0032	---	283	0.383	0.108	0.0076	0.026	2910	4410	0.248	< 0.0010	398	1.29	0.00411	0.024	0.226	< 0.00040	< 0.020	9.10
	30-Sep-2021	< 0.40	< 0.0020	0.0160	0.246	< 0.0020	---	< 0.20	0.0014	906	---	0.025	< 0.0040	0.253	6.52	< 0.0040	---	284	0.29	0.370	< 0.0040	< 0.040	2800	4210	0.123	< 0.0010	426	---	0.00101	---	---	< 0.0040	< 0.020	5.61
	13-Oct-2022	< 0.40	< 0.0020	0.0172	0.711	< 0.0020	---	< 0.20	< 0.0010	1640	---	0.077	0.0153	0.251	4.81	< 0.0040	---	336	0.67	0.140	< 0.0040	< 0.040	3390	4550	0.127	< 0.0010	466	---	0.00186	---	---	< 0.0040	< 0.020	10.2
	14-Sep-2023	< 0.40	< 0.0020	0.0527	0.319	< 0.0020	---	< 0.20	< 0.0010	754	---	< 0.010	0.0106	0.310	4.15	< 0.0040	---	333	0.48	0.156	< 0.0040	< 0.040	2870	4500	0.136	< 0.0010	362	---	0.00155	---	---	< 0.0040	< 0.020	10.3
	15-Aug-2024	< 0.40	< 0.0020	0.0490	0.214	< 0.0020	---	< 0.20	0.0027	458	---	0.038	0.0124	0.220	4.50	0.115	---	348	0.40	0.178	< 0.0040	< 0.040	2860	4380	0.166	0.0096	404	---	0.00155	---	---	< 0.0040	< 0.020	6.03
Brook Trout 3+	12-Aug-2010	0.3	< 0.001	0.04	0.28	< 0.02	< 0.02	< 0.4	< 0.002	684	---	< 0.04	0.012	0.36	5	< 0.002	---	355	0.47	0.119	< 0.01	0.01	3550	4670	0.15	< 0.004	466	1.74	0.0020	< 0.02	< 0.2	< 0.0004	< 0.04	10.6
	01-Sep-2011	< 0.2	< 0.001	< 0.01	0.08	< 0.02	< 0.02	< 0.4	< 0.002	398	---	< 0.04	0.032	0.39	6	0.002	---	304	0.18	0.150	< 0.01	< 0.01	2610	4090	0.14	< 0.004	496	0.87	0.0035	0.04	0.3	< 0.0004	< 0.04	5.00
	01-Sep-2012	0.35	< 0.0010	< 0.010	0.244	< 0.020	< 0.020	< 0.40	< 0.0020	393	---	< 0.040	0.0170	0.181	5.0	0.0027	< 10	274	0.230	0.216	< 0.010	< 0.010	2240	3570	0.121	< 0.0040	358	1.03	0.00157	< 0.020	0.24	< 0.00040	< 0.040	5.46
(Replicate A)	02-Oct-2013	0.22	< 0.0010	0.013	0.268	< 0.020	< 0.020	< 0.40	< 0.0020	712	---	0.122	0.0058	0.293	7.8	0.0056	---	296	0.339	0.251	< 0.010	0.011	2700	4040	0.131	< 0.0040	465	1.60	0.00204	< 0.020	< 0.20	< 0.00040	< 0.040	8.30
(Replicate B)	02-Oct-2013	0.37	< 0.0010	0.012	0.274	< 0.020	< 0.020	< 0.40	< 0.0020	782	---	0.114	0.0073	0.240	6.9	0.0056	---	304	0.380	0.243	< 0.010	< 0.010	2590	3840	0.150	< 0.0040	399	1.68	0.00195	< 0.020	< 0.20	< 0.00040	< 0.040	6.90
(Duplicate)	02-Oct-2013	0.20	< 0.0010	0.010	0.241	< 0.020	< 0.020	< 0.40	< 0.0020	620	---	0.144	0.0057	0.289	7.8	0.0044	---	290	0.283	0.253	< 0.010	< 0.010	2600	3950	0.125	< 0.0040	458	1.37	0.00188	< 0.020	< 0.20	< 0.00040	< 0.040	7.78
	09-Oct-2014	1.54	< 0.0010	0.016	0.205	< 0.020	< 0.020	< 0.40	< 0.0020	548	---	0.204	0.0089	0.282	7.2	< 0.0020	---	291	0.230	0.303	< 0.010	2.28	2820	4370	0.146	< 0.0040	404	1.17	0.00223	< 0.020	< 0.20	< 0.00040	< 0.040	7.10
(Replicate A)	09-Oct-2014	0.23	< 0.0010	0.018	0.316	< 0.020	< 0.020	< 0.40	< 0.0020	678	---	0.431	0.0088	0.273	7.7	0.0024	---	340	0.343	0.206	< 0.010	0.019	3050	4410	0.175	< 0.0040	466	1.49	0.00302	0.020	< 0.20	< 0.00040	< 0.040	9.56
(Replicate B)	09-Oct-2014	0.70	< 0.0010	0.024	0.639	< 0.020	< 0.020	< 0.40	< 0.0020	2110	---	0.521	0.0092	0.284	10.6	0.0055	---	390	0.750	0.211	< 0.010	0.024	3750	4820	0.182	< 0.0040	619	4.10	0.00283	0.062	< 0.20	< 0.00040	< 0.040	14.6
	23-Sep-2015	0.63	< 0.0010	0.0058	0.269	< 0.0020	< 0.020	< 0.40	< 0.0020	588	---	0.067	0.0042	0.332	5.2	< 0.0020	---	273	0.310	0.184	< 0.010	0.026	2890	4300	0.133	< 0.0040	382	1.53	0.00076	< 0.020	0.080	< 0.00040	< 0.020	8.29
(Duplicate)	23-Sep-2015	26.6	< 0.0010	0.0068	0.268	< 0.0020	< 0.020	< 0.40	< 0.0020	585	---	0.053	0.0041	0.345	5.8	0.0023	---	281	0.527	0.187	< 0.010	0.037	2780	4130	0.135	< 0.0040	374	1.51	0.00076	< 0.020	< 0.050	< 0.00040	< 0.020	8.42
	30-Aug-2016	0.41	< 0.0010	0.0054	0.364	< 0.0020	< 0.020	< 0.40	< 0.0020	586	---	0.177	0.0205	0.297	6.4	0.0025	---	326	0.438	0.171	< 0.010	0.043	3100	4420	0.168	< 0.0040	395	1.51	0.00266	< 0.20 [#2]	0.135	0.00087	< 0.020	8.10
	13-Sep-2017	1.88	< 0.0010	0.0117	0.402	< 0.0020	< 0.020	< 0.40	< 0.0020	743	---	0.095	0.0055	0.289	5.7	< 0.0020	---	325	0.426	0.182	< 0.010	0.068	3170	4600	0.143	< 0.0040	496	1.94	0.00257	0.026	< 0.050	< 0.00040	< 0.020	9.41
(Duplicate)	13-Sep-2017	2.05	< 0.0010	0.0122	0.436	< 0.0020	< 0.020	< 0.40	< 0.0020	843	---	0.404	0.0059	0.305	8.6	< 0.0020	---	330	0.499	0.199	< 0.010	0.060	3330	4660	0.152	< 0.0040	509	2.17	0.00277	0.025	< 0.050	< 0.00040	< 0.020	9.80
	29-Aug-2018	1.06	< 0.0010	0.0193	0.349	< 0.0010	< 0.0010	< 0.20	< 0.0010	1190	---	0.316	0.0213	0.293	9.18	0.0043	---	307	0.468	0.219	0.0062	0.033	3410	4410	0.148	< 0.0010	379	2.15	0.00301	< 0.020	0.269	< 0.00040	< 0.020	8.70
	06-Sep-2019	0.84	< 0.0010	0.0218	0.209	< 0.0010	< 0.0010	< 0.20	< 0.0010	512	---	0.180	0.0127	0.333	6.94	0.0023	---	306	0.360	0.204	0.0071	0.010	2840	3900	0.175	< 0.0010	532	1.12	0.00282	< 0.020	0.287	< 0.00040	< 0.020	8.28
(Duplicate)	06-Sep-2019	0.65	< 0.0010	0.0216	0.195	< 0.0010	< 0.0010	< 0.20	< 0.0010	533	---	0.069	0.0121	0.329	5.45	0.0020	---	312	0.348	0.189	0.0073	< 0.010	2940	4010	0.173	< 0.0010	537	1.13	0.00272	< 0.020	0.273	< 0.00040	< 0.020	7.85
	28-Oct-2020	0.87	< 0.0010	0.0135	0.352	< 0.0010	< 0.0010	< 0.20	< 0.0010	676	---	0.476	0.0204	0.264	8.04	0.0027	---	304	0.514	0.183	0.0167	0.017	3070	4380	0.201	< 0.0010	342	1.62	0.00355	< 0.020	0.239	< 0.00040	< 0.020	9.02
(Duplicate)	28-Oct-2020	< 0.20	< 0.0010	0.0789	0.245	< 0.0010	< 0.0010	< 0.20	< 0.0010	732	---	0.847	0.0219	0.313	12.2	0.0032	---	283	0.410	0.107	0.0075	0.028	3030	4420	0.250	< 0.0010	411	1.54	0.00433	< 0.020	0.220	< 0.00040	< 0.020	8.72
	30-Sep-2021	< 0.40	< 0.0020	0.0243	0.255	< 0.0020	---	< 0.20	< 0.0010	454	---	0.070	0.0041	0.257	5.37	< 0.0040	---	313	0.32	0.207	< 0.0040	< 0.040	2770	4620	0.133	< 0.0010	373	---	0.00097	---	---	< 0.0040	< 0.020	5.10
	13-Oct-2022	< 0.40	< 0.0020	0.0069	0.179	< 0.0020	---	< 0.20	< 0.0010	348	---	0.048	0.0066	0.356	6.17	0.0044	---	286	0.25	0.260	< 0.0040	< 0.040	2590	4310	0.121	< 0.0010	468	---	0.00126	---	---	< 0.0040	< 0.020	5.93
	14-Sep-2023	< 0.40	< 0.0020	0.0042	0.270	< 0.0020	---	< 0.20	< 0.0010	494	---	< 0.010	0.0092	0.327	4.21	< 0.0040	---	313	0.32	0.225	< 0.0040	< 0.040	2660	4230	0.111	< 0.0010	374	---	0.00132	---	---	< 0.0040	< 0.020	7.85
(Duplicate)	14-Sep-2023	< 0.40	< 0.0020	0.0099	0.282	< 0.0020	---	< 0.20	< 0.0010	514	---	< 0.010	0.134	0.383	4.86	< 0.0040	---	326	0.33	0.220	< 0.0040	0.056	2750	4290	0.119	< 0.0010	394	---	0.00144	---	---	< 0.0040	< 0.020	8.05
	15-Aug-2024	< 0.40	< 0.0020	0.0075	0.349	< 0.0020	---	< 0.20	< 0.0010	1180	---	< 0.010	0.0266	0.296	4.58	0.0062	---	369	0.46	0.233	< 0.0040	< 0.040	3360	4420	0.113	< 0.0010	398	---	0.00170	---	---	< 0.0040	< 0.020	10.8
Brook Trout 4+	25-Jun-1998	6	< 0.1	2.4	< 1	0.16	---	< 1	< 0.1	313	---	< 0.2	0.1	0.06	10.1	< 0.02	0.2	328	(0.1)	0.14	< 0.02	1.08	2200	3610	< 1	< 0.01	561	0.7	< 0.1	---	< 0.3	< 0.04	< 0.1	8.7
	01-Sep-1999	< 0.7	< 0.1	< 0.5	< 1	0.2	---	(1)	< 0.1	550	---	0.6	< 0.3	1.7	10	< 2	< 0.1	614	0.3	0.09	< 0.02	< 0.5	5110	8610	< 1	0.4	955	0.9	< 0.02	0.28	< 0.3	< 50	0.9	12.4
	01-Sep-2000	< 0.7	< 0.1	< 0.5	< 0.7	< 0.7	---	< 2	< 0.02	272	---	< 1	< 1	< 0.4	5	< 3	< 0.4	271	< 0.4	0.17	< 0.02	< 2	2500	4300	< 1	< 0.3	415	(0.5)	< 0.02	< 1	< 1	< 50	< 0.6	5
	01-Sep-2004	36	< 0.1	< 0.5	(1.3)	< 0.7	---	< 2	< 0.02	1380	---	< 1	< 1	2.3	58.9	< 3	1.1	972	3.2	0.58	(0.03)	< 2	8990	13800	(1)	< 0.3	1620	3	< 0.02	(1)	(1)	< 0.04	< 0.6	34.9
	01-Sep-2005	12.33	< 0.1	< 0.5	< 0.7	(0.7)	---	2	< 0.02	404.33	---	< 1	< 1	0.83	17	< 3	< 0.4	249.67	0.87	0.06	< 0.02	< 2	2143.33	3833.33	< 1	< 0.3	679.33	0.97	< 0.02	(1)	< 1	< 0.04	< 0.6	6.97
	06-Oct-2006	< 10	< 1	< 1	< 10	< 0.4	---	< 2	< 0.1	177	---	< 1	< 1	< 5	< 10	< 1	< 10	275	< 10	0.25	< 0.4	< 1	2390	4260	0.7	< 1	473	< 10	< 0.3	< 1	---	< 1	< 1	17
	01-Sep-2011	< 0.2	< 0.001	< 0.01	0.09	< 0.02	< 0.02	< 0.4	< 0.002	423	---	< 0.04	0.019	0.28	4	0.003	---	297	0.17	0.173	< 0.01	< 0.01	2550	4030	0.13	< 0.004	419	0.94	0.0029	< 0.02	0.3	< 0.0004	< 0.04	4.67
	02-Oct-2013	< 0.20	< 0.0010	< 0.010	0.314	< 0.020	< 0.020	< 0.40	< 0.0020	859	---	0.069	< 0.0040	0.239	6.1	0.0049	---	317	0.288	0.271	< 0.010	< 0.010	2930	4090	0.120	< 0.0040	388	2.00	0.00193	0.032	< 0.20	< 0.00040	< 0.040	10.1
	09-Oct-2014	0.33	< 0.0010	0.011	0.285	< 0.020	< 0.020	< 0.40	< 0.0020	629	---	0.347	0.0404	0.248	7.2	0.0032	---	313	0.229	0.378	< 0.010	0.022	2870	4320	0.131	< 0.0040	475	1.49	0.00426	0.031	< 0.20	< 0.00040	< 0.040	7.64
	23-Sep-2015	2.33	< 0.0010	0.0073	0.463	< 0.0020	< 0.020	< 0.40	< 0.0020	748	---	0.101	0.0046	0.223	7.8	0.0050	---	238	0.679	0.234	< 0.010	< 0.010	2410	3630	0.096	< 0.0040	328	2.17	0.00149	< 0.020	0.093	< 0.00040	< 0.020	8.07
(Replicate A)	23-Sep-2015	3.07 [#7]	< 0.0010	< 0.0050	0.278	< 0.0020	< 0.020	< 0.40	< 0.0020	635	---	0.071	0.0048	0.246	6.4	< 0.0020	---	282	0.231	0.354	< 0.010	0.027	2840	4250	0.116	< 0.0040	428	1.47	0.00152	< 0.020	0.065	< 0.00040	< 0.020	7.90
	30-Aug-2016	0.23	< 0.0010	< 0.0050	0.231	< 0.0020	< 0.020	< 0.40	< 0.0020	663	---	0.182	0.0053	0.285	6.7	0.0021	---	308	0.290	0.245	0.011	0.069	2980	3970	0.152	< 0.0040	374	1.51	0.00117	< 0.20 [#2]	0.121	< 0.00040	< 0.020	7.11
	13-Sep-2017	0.35	< 0.0010	0.0070	0.195	< 0.0020	< 0.020	< 0.40	< 0.0020	448	---	0.201	< 0.0040	0.273	6.0	< 0.0020	---	324	0.228	0.238	< 0.010	< 0.010	3060	4710	0.135	< 0.0040	455	1.15	0.00190	0.032	< 0.050	< 0.00040	< 0.020	7.97
	29-Aug-2018	0.36	< 0.0010	0.0184	0.260	< 0.0010	< 0.0010	< 0.20	< 0.0010	550	---	0.465	0.0073	0.293	10.0	0.0027	---	319	0.484	0.252	0.0053	0.023	3190	4790	0.146	0.0032	362	1.16	0.00292	< 0.020	0.267	< 0.00040	< 0.020	7.39
	28-Oct-2020	1.44	< 0.0010	0.0079	0.160	< 0.0010	0.0015	< 0.20	< 0.0010	423	---	0.141	0.0141	0.227	5.09	0.0014	---	282	0.261	0.271	0.0071	< 0.010	2890	4480	0.173	< 0.0010	353	0.918	0.00258	< 0.020	0.228	< 0.00040	< 0.020	7.76
	14-Sep-2023	< 0.40	< 0.0020	0.0062	0.204	< 0.0020	---	< 0.20	< 0.0010	424	---	< 0.010	0.0139	0.460	6.30	0.0056	---	284	0.26	0.250	< 0.0040	< 0.040	2490	3980	0.123	< 0.0010	393	---	0.00135	---	---	< 0.0040	< 0.020	11.8
	15-Aug-2024	2.37	< 0.0020	< 0.0040	0.359	< 0.0020	---	< 0.20	< 0.0010	705	---	0.010	0.0054	0.363	6.44	0.0084	---	362	0.34	0.272	< 0.0040	< 0.040	3190	4720	0.121	< 0.0010	374	---	0.00087	---	---	< 0.0040	< 0.020	5.72
Brook Trout 5+	26-Sep-2001	< 10	< 0.1	< 0.5	< 0.7	< 0.7	---	< 2	< 0.02	226	---	< 1	< 1	< 0.4	7	< 3	< 0.4	256	< 0.4	0.256	< 0.02	< 2	2070	3720	< 1	< 0.3	451	(0.5)	< 0.02	< 1	< 1	< 0.04	< 0.6	3.9
	01-Sep-2004	43	< 0.1	< 0.5	1.7	< 0.7	---	< 2	< 0.02	1600	---	< 1	< 1	2.5	79.4	< 3	1	933	3.3	0.57	0.05	< 2	9030	13900	< 1	< 0.3	1840	3.9	< 0.02	< 1	2	< 0.04	< 0.6	49.6

worley consulting

Table C.1

Metals and Trace Elements: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Aluminum (mg/kg)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Bismuth (mg/kg)	Boron - Hot Water Soluble (mg/kg)	Cadmium (mg/kg)	Calcium (mg/kg)	Chromium (hexavalent) (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Lithium (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Mercury (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Phosphorus (mg/kg)	Potassium (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Sodium (mg/kg)	Strontium (mg/kg)	Thallium (mg/kg)	Tin (mg/kg)	Titanium (mg/kg)	Uranium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
CFIA 2009		---	---	**3.5**	---	---	---	---	---	---	---	---	---	---	---	**0.5**	---	---	---	---	**0.5**	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SETAC 1999		**1.2**	**5**	**2.6**	---	---	---	---	**0.02**	---	---	**0.58**	---	**3.4**	---	**0.34**	---	---	---	**0.7**	---	**0.82**	---	---	**0.25**	---	---	---	---	---	---	---	---	**4.5**
Edith Lake - Continued																																		
	01-Sep-2005	**< 10**	< 0.1	< 0.5	(0.7)	(0.8)	---	2.33	< 0.02	248.33	---	**< 1**	1	1.33	11	**< 3**	< 0.4	253.67	< 0.4	0.07	< 0.02	**< 2**	2170	3860	**< 1**	< 0.3	642	(0.5)	< 0.02	(1)	< 1	< 0.04	(0.7)	9.67
	12-Oct-2006	**< 10**	< 1	< 1	< 10	< 0.4	---	< 2	**< 0.1**	88	---	**< 1**	< 1	**< 5**	< 10	**< 1**	< 10	273	< 10	0.17	< 0.4	**< 1**	2320	4250	0.6	< 1	426	< 10	< 0.3	< 1	---	< 1	< 1	12
	01-Sep-2011	0.2	< 0.001	< 0.01	0.08	< 0.02	< 0.02	< 0.4	< 0.002	408	---	< 0.04	0.005	0.34	6	0.004	---	267	0.14	0.213	< 0.01	< 0.01	2330	3620	0.13	< 0.004	474	0.76	0.0010	0.24	0.3	< 0.0004	< 0.04	4.76
	02-Oct-2013	< 0.20	< 0.0010	< 0.010	0.185	< 0.020	< 0.020	< 0.40	< 0.0020	539	---	0.135	< 0.0040	0.193	5.9	0.0072	---	285	0.147	0.290	< 0.010	0.026	2470	3810	0.105	< 0.0040	374	1.23	0.00102	< 0.020	< 0.20	< 0.00040	< 0.040	5.78
	09-Oct-2014	0.37	< 0.0010	0.010	0.200	< 0.020	< 0.020	< 0.40	< 0.0020	410	---	0.433	< 0.0040	0.442	9.3	< 0.0020	---	336	0.149	**0.510**	< 0.010	0.014	3170	5100	0.162	< 0.0040	446	1.16	0.00309	< 0.020	< 0.20	< 0.00040	< 0.040	7.71
	30-Aug-2016	0.21	< 0.0010	< 0.0050	0.409	< 0.0020	< 0.020	< 0.40	< 0.0020	852	---	0.701	0.0053	0.288	15.3	0.0020	---	311	0.245	**0.643**	< 0.010	0.048	3110	4050	0.151	< 0.0040	455	1.96	0.00131	< 0.20 [#2]	0.132	0.00042	< 0.020	13.8
	30-Sep-2021	0.50	< 0.0020	0.180	0.315	< 0.0020	---	< 0.20	< 0.0010	909	---	0.032	0.0109	0.333	4.62	0.0057	---	298	0.59	0.0419	< 0.0040	< 0.040	2720	4200	0.185	< 0.0010	465	---	0.00193	---	---	< 0.0040	< 0.020	5.76
	15-Aug-2024	0.43	< 0.0020	< 0.0040	0.189	< 0.0020	---	< 0.20	< 0.0010	409	---	0.014	0.0041	0.367	7.04	0.0080	---	365	0.23	0.358	< 0.0040	< 0.040	3110	4760	0.134	< 0.0010	330	---	0.00068	---	---	< 0.0040	< 0.020	5.25
Brook Trout 6+	14-Sep-2023	< 0.40	< 0.0020	0.0042	0.303	< 0.0020	---	0.27	< 0.0010	853	---	< 0.010	0.0051	0.254	6.53	0.0054	---	302	0.32	0.386	< 0.0040	< 0.040	2760	4120	0.120	< 0.0010	430	---	0.00196	---	---	< 0.0040	< 0.020	5.39
Brook Trout 7+	10-Sep-2003	**< 10**	< 0.1	< 0.5	< 0.7	< 0.7	---	< 2	< 0.02	395	---	**< 1**	< 1	< 0.4	4	**< 3**	< 0.4	274	(0.5)	0.134	< 0.02	**< 2**	2610	3780	**< 1**	< 0.3	438	(0.6)	< 0.02	---	< 1	< 0.04	< 0.6	6.4
Brook Trout 8+	12-Sep-2002	**< 10**	< 0.1	< 0.5	< 0.7	< 0.7	---	< 2	< 0.02	375	---	**< 1**	< 1	< 0.4	7	**< 3**	< 0.4	243	(0.4)	0.32	< 0.02	**< 2**	2370	3820	**< 1**	< 0.3	472	(0.5)	< 0.02	---	< 1	< 0.04	< 0.6	5.5
Brook Trout 11+	11-Sep-2007	65	< 1	< 1	< 10	< 0.4	---	< 2	**< 0.1**	266	< 2	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	231	< 10	0.15	< 0.4	**< 1**	1940	3200	**< 0.5**	< 1	307	< 10	< 0.3	< 1	---	< 1	< 1	**< 10**
Brook Trout 12+	11-Sep-2007	89	< 1	< 1	< 10	< 0.4	---	< 2	**< 0.1**	406	< 2	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	285	< 10	0.14	< 0.4	**< 1**	2340	3830	**< 0.5**	< 1	330	< 10	< 0.3	< 1	---	< 1	< 1	**< 10**
Brook Trout Unknown (Replicate A)	24-Jul-2008	260	< 1	< 1	< 10	< 0.4	---	< 2	**< 0.1**	640	< 0.75	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	290	< 10	< 0.05	< 0.4	**< 1**	2600	4200	**< 0.5**	< 1	540	< 10	< 0.3	< 1	---	< 1	< 1	**< 10**
(Replicate B)	24-Jul-2008	280	< 1	< 1	< 10	< 0.4	---	2	**< 0.1**	610	< 0.75	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	330	< 10	< 0.05	< 0.4	**< 1**	2600	4000	**< 0.5**	< 1	480	< 10	< 0.3	< 1	---	< 1	< 1	**< 10**
(Replicate C)	24-Jul-2008	240	< 1	< 1	< 10	< 0.4	---	< 2	**< 0.1**	900	< 0.75	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	330	< 10	0.09	< 0.4	**< 1**	2800	4200	**< 0.5**	< 1	500	< 10	< 0.3	< 1	---	< 1	< 1	11
(Replicate D)	24-Jul-2008	190	< 1	< 1	< 10	< 0.4	---	3	**< 0.1**	590	< 0.75	**< 1**	< 1	**< 5**	< 10	**< 0.5**	< 10	330	< 10	< 0.05	< 0.4	2	2700	4200	**< 0.5**	< 1	480	< 10	< 0.3	< 1	---	< 1	< 1	**< 10**
Certified Reference Materials																																		
LUTS-1 ETL	01-Sep-1997	---	---	---	---	---	---	---	---	---	---	---	< 0.2	17	11.3	< 0.2	---	85.3	1.3	0.02	< 0.2	0.2	856	885	0.7	0.5	1000	2.5	< 0.2	< 0.2	---	---	< 0.2	12.4
LUTS-1 Maxxam	01-Sep-1997	4.1	< 0.1	3.2	1.1	< 0.02	---	< 1	1.1	214	---	0.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LUTS-1	01-Sep-1997	2.2	< 0.2	2.8	0.3	< 0.2	---	< 2	2.2	201	---	< 0.2	0.1	9.4	13	< 0.02	< 0.1	84	0.7	< 0.02	0.1	0.6	803	800	**< 1**	0.5	1220	2.3	< 0.1	< 1	0.5	< 0.04	0.1	13.1
	01-Sep-1998	4	< 0.1	4	< 1	< 0.02	---	< 1	2.6	295	---	< 0.2	0.25	13.8	15.8	0.18	(0.1)	118	1.3	(0.029)	0.04	0.41	937	895	**< 1**	0.6	1280	2.6	< 0.1	---	< 0.3	< 0.04	< 0.1	14.8
	01-Sep-1999	---	---	5	---	---	---	---	3.8	400	---	< 0.2	< 0.3	35.2	23.1	**< 2**	---	188	2.5	0.02	---	< 0.5	---	1920	(1)	2.3	---	4.4	---	---	---	---	---	29
	01-Sep-2000	(0.9)	< 0.1	5.7	< 0.7	< 0.7	---	< 2	2.06	163	---	**< 1**	< 1	12.3	10.5	**< 3**	< 0.4	77	1	(22)	0.18	**< 2**	917	949	(1)	(0.5)	1280	2	< 0.02	< 1	< 1	< 50	< 0.6	10.8
	09-Sep-2001	**< 10**	< 0.1	3.2	< 0.7	< 0.7	---	< 2	1.80	219	---	**< 1**	< 1	18.1	17.0	**< 3**	< 0.4	100	1.4	(0.028)	0.15	**< 2**	1010	996	**< 1**	0.7	1470	2.7	< 0.02	< 1	< 1	< 0.04	< 0.6	15.5
	19-Oct-2003	**< 10**	< 0.1	2.7	< 0.7	< 0.7	---	< 2	1.95	360	---	**< 1**	< 1	26.1	22.6	**< 3**	< 0.4	142	2.3	(0.032)	0.14	**< 2**	1680	1440	**< 1**	1.1	2060	3.8	< 0.02	< 1	< 0.04	< 0.6	23.3	< 0.1
	01-Sep-2004	53	< 0.1	29.5	(1.1)	< 0.7	---	(3)	13.9	1160	---	(3)	< 1	86.6	101	**< 3**	1.1	471	8	0.09	0.99	**< 2**	5440	4770	6	3.6	6480	12.6	< 0.02	(1)	< 1	< 0.04	(0.9)	82.5
	01-Sep-2005	13	< 0.1	3.3	< 0.7	0.9	---	(3)	1.9	204	---	**< 1**	< 1	13.4	26	**< 3**	< 0.4	85	1.3	**< 20**	0.15	**< 2**	933	874	**< 1**	< 0.3	1600	2.2	< 0.02	1	< 1	< 0.04	0.9	14.7
	12-Oct-2006	**< 10**	< 1	3	< 10	< 0.4	---	< 2	2.5	191	---	**< 1**	< 1	18	12	**< 1**	< 10	86	< 10	< 0.05	< 0.4	**< 1**	965	897	0.9	< 1	1240	< 10	< 0.3	< 1	---	< 1	< 1	20
	11-Sep-2007	317	< 1	3	< 10	< 0.4	---	< 2	2.0	227	< 2	**< 1**	< 1	15	10	**< 0.5**	< 10	87	< 10	< 0.05	< 0.4	**< 1**	740	815	0.8	< 1	1080	< 10	< 0.3	< 1	---	< 1	< 1	15
	23-Jul-2008	190	< 1	3	< 10	< 0.4	---	3	2.0	210	2.8	**< 1**	< 1	16	23	**< 0.5**	< 10	93	< 10	< 0.05	< 0.4	**< 1**	920	840	0.9	< 1	1200	< 10	< 0.3	< 1	---	< 1	< 1	12
	11-Aug-2009	160	< 1	3	< 10	< 0.4	---	4	2.3	230	< 3.0 [#8]	**< 1**	< 1	17	11	**< 0.5**	< 10	97	< 10	< 0.05	< 0.4	**< 1**	1000	970	0.6	< 1	1400	< 10	< 0.3	1	---	< 1	< 1	16
	12-Aug-2010	2.7	0.002	3.50	0.06	< 0.02	< 0.02	0.5	2.40	203	---	0.06	0.055	17.2	13	0.010	---	98	1.28	0.025	0.15	0.18	1180	981	0.69	0.729	1430	2.46	0.0009	< 0.02	< 0.2	0.0046	0.17	14.6
	01-Sep-2011	3	< 0.005	3.21	< 0.1	< 0.1	< 0.1	< 2	2.40	189	---	< 0.2	0.05	16.3	14	0.01	---	83	1.2	0.020	0.13	0.17	895	859	0.71	0.69	1200	2.1	< 0.002	< 0.1	< 1	0.006	< 0.2	14.0
	01-Sep-2012	6.14	0.0041	3.32	0.061	< 0.050	< 0.050	< 1.0	2.16	184	---	< 0.10	0.049	16.4	13.8	0.0105	< 10	90.4	1.23	0.0295	0.153	0.169	895	927	0.677	0.688	1240	2.31	0.0018	< 0.050	< 0.50	0.0051	0.17	12.7
	02-Oct-2013	7.90	0.0031	3.30	0.055	< 0.020	< 0.020	0.41	2.26	206	---	< 0.040	0.0484	17.2	13.0	0.0096	---	91.3	1.23	0.0207	0.147	0.158	1020	958	0.640	0.707	1310	2.20	0.00142	< 0.020	< 0.20	0.00536	0.153	13.7
	09-Oct-2014	7.72	0.0027	3.65	0.071	< 0.020	< 0.020	0.52	2.47	207	---	0.061	0.0544	16.3	11.3	0.0114	---	102	1.31	0.0254	0.164	0.175	1110	1020	0.745	0.741	1350	2.45	0.00146	< 0.020	< 0.20	0.00532	0.177	14.8
	23-Sep-2015	6.28	0.0018	3.46	0.064	< 0.0020	< 0.020	0.41	2.32	189	---	0.055	0.0511	16.5	12.5	0.0098	---	75.4	1.17	0.0263	0.148	0.162	961	899	0.669	0.699	1130	2.22	0.00132	< 0.020	0.050	0.00479	0.159	13.8
	30-Aug-2016	8.33	0.0021	3.61	0.071	< 0.0020	< 0.020	< 0.40	2.32	196	---	0.069	0.0486	16.7	11.1	0.0128	---	91.3	1.17	0.0560	0.158	0.163	1070	925	0.726	0.690	1330	2.22	0.00161	< 0.20 [#2]	< 0.050	0.00743	0.143	14.4
	04-Dec-2017	9.61	0.0027	3.65	0.057	< 0.0020	< 0.020	0.47	2.47	203	---	0.058	0.0531	17.2	12.7	0.0110	---	92.2	1.26	0.0215	0.150	0.174	1100	935	0.742	0.352 [#7]	1260	2.23	0.00112	< 0.020	0.063	0.00492	0.150	15.9
	30-Aug-2018	6.51	0.0025	3.44	0.055	< 0.0010	0.0015	0.42	2.33	203	---	0.049	0.0482	15.6	12.0	0.0107	---	89.9	1.21	0.0224	0.154	0.154	1040	949	0.717	0.650	1240	2.37	0.00129	< 0.020	0.117	0.00502	0.151	13.5
CRM DORM-5	13-Oct-2022	229	0.0084	12.8	0.358	0.0074	---	2.85	0.138	1780	---	0.516	0.0599	2.99	106	0.0804 [#9]	---	1030	0.90	0.294	0.125	0.323	5580	10700	2.16	0.111	9010	---	< 0.00040	---	---	0.0232 [#9]	0.359	25.2
	05-Dec-2023	236	0.0055	13.8	0.429	0.0105	---	4.57	0.143	2240	---	0.700	0.0780	3.28	115	0.0640	---	1060	1.03	0.286	0.130	0.404	6150	11300	2.34	0.124	9150	---	0.00050	---	---	0.0135	0.349	27.5
	14-Aug-2024	244	< 0.0097	13.8	0.379	0.0141	---	3.69	0.149	2050	---	0.491	0.0978	3.09	111	0.0886	---	1060	1.06	0.265	0.127	0.339	6370	11300	2.36	0.121	9130	---	< 0.00195	---	---	< 0.0195	0.365	26.5

NOTES:

1. --- in guideline row(s) denotes no criteria for that parameter.
2. --- in detail data row(s) denotes parameter not analyzed.
3. result values in brackets (xxx) denotes an estimated value.
4. Highlighting indicates parameters above applied guideline/criteria.

Metals and Trace Elements: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Aluminum (mg/kg)	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Bismuth (mg/kg)	Boron - Hot Water Soluble (mg/kg)	Cadmium (mg/kg)	Calcium (mg/kg)	Chromium (hexavalent) (mg/kg)	Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Lithium (mg/kg)	Magnesium (mg/kg)	Manganese (mg/kg)	Mercury (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Phosphorus (mg/kg)	Potassium (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Sodium (mg/kg)	Strontium (mg/kg)	Thallium (mg/kg)	Tin (mg/kg)	Titanium (mg/kg)	Uranium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
CFIA 2009		---	---	3.5	---	---	---	---	---	---	---	---	---	---	---	0.5	---	---	---	0.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SETAC 1999		1.2	5	2.6	---	---	---	---	0.02	---	---	0.58	---	3.4	---	0.34	---	---	---	0.7	---	0.82	---	---	0.25	---	---	---	---	---	---	---	---	4.5

5. Highlighting indicates non-detect parameters above applied guideline/criteria.
6. Highlighting indicates parameters at applied guideline/criteria.
7. Denotes values exceeding
(Canadian Food Inspection Agency (CFIA), 2009. Fish Product Standards and Methods Manual. Appendix 3: Canadian Guidelines for Chemical Contaminants and Toxins in Fish and Fish Products.)
8. Denotes values exceeding
(Society of Environmental Toxicology and Chemistry (SETAC), 1999. Jarvinen, A.W. and G.T. Ankley. 1999. Linkage of Effects to Tissue Residues: Development of a Comprehensive Database for Aquatic Organisms Exposed to Inorganic and Organic Chemicals. Pensicola, FL.)
9. Superscript #1 - Detection limits raised due to dilution to bring analyte within the calibrated range.
10. Superscript #2 - RDL raised due to preparation contamination.
11. Superscript #3 - Detection limits raised due to dilution to bring analyte within the calibrated range.Matrix spike non calculable due to high concentration of original analyte.
12. Superscript #4 - () = Result < RDL and is subject to reduced levels of confidence
13. Superscript #5 - Matrix Spike outside acceptance criteria (10% of analytes failure allowed).
14. Superscript #6 - Duplicate outside acceptance criteria - re-analysis yields similar results
15. Superscript #7 - Duplicate outside acceptance criteria - re-analysis yields similar results.
16. Superscript #8 - Detection limits raised due to matrix interference
17. Superscript #9 - Recoveries for Pb and U are outside ALS DQOs for this CRM. In the case of Pb, this may be due to background contribution as observed in the MB. U was not observed in samples, so no impact to data, however Pb data may be slightly elevated. PE 27-Jan-23

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 1 (ng/kg)	PCB 2 (ng/kg)	PCB 3 (ng/kg)	PCB 4 (ng/kg)	PCB 4/10 (ng/kg)	PCB 5 (ng/kg)	PCB 6 (ng/kg)	PCB 7 (ng/kg)	PCB 8 (ng/kg)	PCB 9 (ng/kg)	PCB 10 (ng/kg)	PCB 11 (ng/kg)	PCB 12 (ng/kg)	PCB 12/13 (ng/kg)	PCB 13 (ng/kg)	PCB 14 (ng/kg)	PCB 15 (ng/kg)	PCB 16 (ng/kg)	PCB 17 (ng/kg)	PCB 18 (ng/kg)	PCB 18/30 (ng/kg)	PCB 19 (ng/kg)	PCB 20/28 (ng/kg)	PCB 21/20/33 (ng/kg)	PCB 21/33 (ng/kg)	PCB 22 (ng/kg)	PCB 23 (ng/kg)	PCB 24 (ng/kg)	PCB 25 (ng/kg)	PCB 26 (ng/kg)	PCB 26/29 (ng/kg)	PCB 27 (ng/kg)	PCB 28 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hatchery																																			
Brook Trout 0+	04-Oct-2006	10	< 21	< 13	< 12	---	< 5.0	< 1.4	< 1.3	< 1.4	< 1.3	< 1.3	---	< 1.3	---	< 1.3	< 1.2	< 1.2	< 1.5	13	15	---	45	3.3	---	23	---	16	< 0.10	< 0.10	2.1	---	6.0	1.1	65
	11-Sep-2007	10	5.0	3.4	5.1	---	< 8.3	< 5.0	< 4.6	< 4.6	< 4.4	< 4.3	---	14	---	< 5.0	< 4.5	< 4.4 [#1]	< 5.0	6.4	9.2	---	18	2.2	---	7.4	---	8.0	< 0.60	< 1.0	2.7	---	5.7	1.8	33
	23-Jul-2008	10	< 15	< 11	< 13	---	< 25	< 7.8	< 7.1	< 7.4	< 6.8	< 6.6	---	34	---	< 7.4	< 6.9	< 7.0	< 7.8	16	17	---	43	< 3.2	---	13	---	20	< 1.5	< 1.9	1.4	---	7.1	< 1.7	100
(Duplicate)	23-Jul-2008	10	9.1	< 3.2	5.5	---	18	< 5.7	< 5.2	< 5.5	< 6.8	< 4.9	---	25	---	< 5.5	< 5.1	< 5.2	< 5.8	12	18	---	44	< 3.0	---	12	---	18	< 1.4	< 1.8	1.9	---	7.3	2.3	99
	11-Aug-2009	10	--- [#2]	< 17	< 17	---	--- [#2]	< 410	< 400	< 410	< 380	< 380	---	< 390	---	< 400	< 380	< 390	< 400	< 51	< 39	---	118	---	---	70	---	58	< 27	< 29	< 25	---	< 27	< 28	435
	11-Aug-2010	10	3.00	1.42	2.08	---	11.0	< 1.7	< 1.6	< 1.6	19.8	< 1.5	---	16.7	---	< 1.6	< 1.6	< 1.5	6.9	14.6	13.0	---	41.8	4.5	---	20.6	---	15.8	< 1.0	< 1.0	3.27	---	7.80	2.3	46.6
	01-Sep-2011	10	10.9	1.83 [#1]	3.86 [#1]	---	26.9 [#1]	< 3.0	< 3.0	< 3.0	39.1	< 3.0	---	57.1	---	< 3.0	< 3.0	< 3.0	28.9	9.2 [#1]	17.6	---	54.5 [#1]	7.4	---	8.9 [#1]	---	18.0	< 1.0	< 2.0	3.6	---	8.8	3.3 [#1]	60.7
	01-Sep-2012	10	5.07	4.37	5.81 [#1]	---	< 4.0	< 2.0	< 2.0	< 3.0	33.4	< 2.0	---	50.0	---	< 2.0	< 2.0	< 2.0	14.3 [#1]	10.5	18.1	---	38.9	4.1 [#1]	---	16.3	---	15.7	< 0.50	< 0.90	5.44	---	10.3	2.41	63.6
	01-Sep-2013	10	0.598	0.515	0.725	1.73	---	< 0.0912	0.596	0.278	2.47	0.264	0.088	11.2	---	0.266	---	< 0.0846	1.34	5.2	13.1	---	21.6	2.54	74.5	---	4.41	17.5	0.227	0.296	5.82	---	11.1	2.77	---
	21-Sep-2014	12	4.53	1.09	3.21	2.66	---	0.303	1.5	0.625	5.48	0.582	0.185	11.8	---	0.863 [#1]	---	< 0.0868	2.84	6.03	13.3	---	24.1	1.96 [#3]	56.3	---	4.65	11.5	0.153 [#1]	0.451	3.86	---	8.94	2.31	---
	22-Sep-2015	11	0.917	0.961	0.869	2.73	---	0.142 [#1]	1.15	0.614	4.61	0.508	0.189	20.3	---	0.406 [#1]	---	< 0.119	2	5.61	17.3	---	24.8	2.9	73.8	---	5.82	15.8	0.121 [#1]	0.347	7.36	---	13.1	3.59	---
	30-Aug-2016	10	0.875	0.679	0.738	1.57	---	< 0.119	0.643	0.265 [#1]	2.6	0.263	< 0.108	10.1	---	< 0.106	---	< 0.104	1.05	3.08	8.25	---	12.5	1.63	38.1	---	2.8	7.45	< 0.0596	0.192 [#1]	3.51	---	5.8	1.91	---
	30-Aug-2018	10	0.635	0.916	1.02	1.36	---	< 0.34	0.803	< 0.309	3.71	< 0.299	< 0.304	9.48	---	---	---	< 0.302	0.812	2.34	6.04	---	8.35	0.925	23.2	---	3.43	4.61	< 0.114	< 0.0488	2.1	---	3.72	1.05 [#1]	---
	06-Sep-2019	10	0.479	0.386	1.07	0.998	---	< 0.0905	0.534	0.449	2.23	0.233	< 0.0788	5.48	---	0.308	---	< 0.0818	1.11	2.12	4.73	---	7.82	0.77	19.4	---	2.69	4.16	< 0.0814	0.091	1.42	---	2.81	0.746	---
	26-Aug-2020	11	0.897	0.525	1.23	1.21	---	< 0.448	0.442	< 0.427	1.99	< 0.4	< 0.406	10.1	---	< 0.439	---	< 0.425	0.952	1.66	3.85	---	5.71	0.882	16.5	---	2.01	3.34	< 0.0573	0.097 [#1]	1.48	---	2.57	0.814	---
	30-Sep-2021	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6.82
	30-Sep-2021	10	0.260	0.398	0.381	< 0.56	---	< 0.44	< 0.35	< 0.36	1.86	< 0.38	< 0.35	8.20	---	< 0.46	---	< 0.49	< 0.49	1.10	1.39	---	2.80	< 0.16	6.82	---	1.38	1.78	< 0.18	< 0.17	0.35	---	0.80	0.17	---
	13-Oct-2022	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	77.4
	13-Oct-2022	10	56.3	9.82	28.6	48.2	---	7.60	27.0	22.9	77.8	21.2	6.90	12.0	---	6.0	---	< 1.1	45.7	22.6	24.3	---	68.6	8.05	77.4	---	12.5	25.3	< 0.52	1.00	9.19	---	35.3	5.00	---
	15-Aug-2024	6	0.65	0.71	1.90	1.50	---	0.33	0.88	0.86	2.85	1.13	< 0.23	6.32	---	< 0.53	---	< 0.60	1.99	1.70	3.60	---	9.48	1.10	28.2	---	1.20	6.10	< 0.33	0.29	1.99	---	6.64	0.71	---
	24-Sep-2025	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	99.5
Chrystina Lake																																			
Brook Trout 1+	11-Aug-2009	8	5.81 [#1]	1.36	5.80	---	< 13	< 9.2	< 8.7	< 8.6	< 8.0	< 8.5	---	< 8.2	---	< 8.6	< 8.2	< 8.5	< 8.1	18.7	16.8	---	62.6	5.5 [#1]	---	20.5	---	22.8	< 0.90	< 1.0	3.08 [#1]	---	9.54	2.06	69.3
	01-Sep-2011	5	10.1	1.36 [#1]	3.79 [#1]	---	24.5 [#1]	< 3.0	< 2.0	< 2.0	40.8	< 2.0	---	28.1 [#1]	---	< 2.0	< 2.0	< 2.0	15.5	7.3 [#1]	12.5 [#1]	---	38.7	< 2.0	---	11.7	---	13.6	< 1.0	< 2.0	2.7	---	7.2	< 2.0	54.7
	01-Sep-2012	4	3.94	2.87	5.19 [#1]	---	14.9 [#1]	< 2.0	5.7 [#1]	< 2.0	26.1	< 2.0	---	34.7	---	< 2.0	< 2.0	< 2.0	14.3 [#1]	9.3 [#1]	12.9	---	35.5	< 1.0	---	13.5	---	25.0	< 0.50	< 0.90	8.09	---	17.2	2.19 [#1]	109
(Replicate A)	01-Sep-2013	1	0.648	0.454	2.06	< 0.872	---	< 0.573	< 0.503	< 0.525	0.917	< 0.502	< 0.504	4.95	---	< 0.576	---	< 0.535	1.19	1.23	2.41	---	6.45 [#1]	0.313	29.2	---	1.39	7.51	< 0.173	< 0.173	1.64	---	3.96	0.259 [#1]	---
(Replicate B)	01-Sep-2013	1	0.311	0.21	0.557	0.489	---	< 0.196	< 0.172	< 0.179	0.463	< 0.172	< 0.172	1.7	---	< 0.197	---	< 0.183	0.686	0.83	2.37	---	6.44	0.377	33.4	---	0.594	8.59	< 0.071	0.09	1.95	---	4.32	0.233	---
	23-Sep-2015	1	0.524	0.36	0.452	1.31	---	< 0.158	0.435	0.241	2.1	0.341	< 0.142	7.57	---	0.246 [#1]	---	0.173	2.12	2.28	6.93	---	30.9	1.16	350	---	2.54	32.2	0.161	0.6	66.4	---	101	1.05	---
	31-Aug-2016	2	0.57	1	2.2 [#1]	0.425	---	< 0.135	< 0.121	0.125 [#1]	0.677	0.2	< 0.126	4.69 [#1]	---	0.33	---	< 0.121	0.734	1.04	6.95	---	11.4	0.775	63.9	---	0.959	12.4	< 0.0815	0.129	5.29	---	8.76	0.784	---
	12-Sep-2017	3	0.629	0.357	0.528	0.996	---	< 0.346	0.402	< 0.326	1.71	< 0.309	< 0.332	6.51	---	< 0.316	---	< 0.307	0.888	1.25 [#1]	3.36	---	7.3	0.451 [#1]	34.3	---	1.55	7.56	< 0.0673	0.128 [#1]	2.69	---	4.57	0.353 [#1]	---
	29-Aug-2018	3	0.921	1.13	1.37	0.956	---	< 0.503	0.512 [#1]	< 0.468	2.04	0.444	< 0.457	2.47	---	0.841 [#1]	---	< 0.462	1.09 [#1]	1.58	4.8	---	8.78	0.713	34.9	---	0.973 [#1]	8.48	< 0.0618	0.173	2.76	---	5.44	0.516	---
(Replicate A)	05-Sep-2019	4	0.363	0.241	0.564	0.321	---	< 0.119	0.206	0.113	0.84	0.122	< 0.103	2.49	---	0.199	---	0.119	0.838	0.834	3.89	---	7.17	0.338	40.1	---	1.16	7.87	0.06	0.113	2.91	---	5.61	0.433	---
(Replicate B)	05-Sep-2019	4	0.353	0.266	1.44	0.57	---	< 0.0956	0.305	0.332	1.15	0.185	< 0.0828	4.52	---	0.243	---	0.217	0.947	1.49	6.4	---	10.5	0.61	55.3	---	2.06	11	< 0.0782	0.149	4.76	---	8.14	0.692	---
	25-Aug-2020	7	0.452	0.221	0.676	< 1.16	---	< 0.762	< 0.701	< 0.717	0.862	< 0.665	< 0.688	3.1	---	< 0.744	---	< 0.717	< 0.864	1.06	3.17	---	6.42	0.282 [#1]	30.7	---	0.918	6.3	< 0.0578	0.08 [#1]	2.87	---	4.93	0.306	---
	29-Sep-2021	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	62.2
	29-Sep-2021	8	< 0.11	< 0.14	< 0.12	< 0.89	---	< 0.64	< 0.52	< 0.52	< 0.44	< 0.55	< 0.51	4.29	---	< 0.74	---	< 0.77	< 0.72	1.20	3.22	---	9.84	0.76	62.2	---	2.15	9.15	< 0.32	< 0.18	11.9	---	11.4	0.38	---
	12-Oct-2022	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 26
	12-Oct-2022	8	< 1.2	< 1.6	< 1.6	< 12	---	< 5.6	< 4.9	< 4.9	< 4.4	< 5.3	< 4.7	< 9.8	---	< 9.1	---	< 9.7	< 8.5	< 3.5	< 2.8	---	< 2.5	< 5.8	22.0	---	< 3.5	< 3.9	< 3.7	< 2.3	< 3.3	---	< 3.7	< 2.2	---
	13-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	17.4
	13-Sep-2023	5	< 1.9	< 1.9	< 1.5	< 6.9	---	< 2.8	< 2.5	< 2.6	< 2.3	< 2.6	< 2.5	< 4.2	---	< 4.1	---	< 4.1	< 4.0	< 1.3	1.8	---	4.40	< 1.4	17.4	---	< 1.5	4.9	< 1.7	< 0.97	< 1.4	---	2.9	< 0.86	---
	14-Aug-2024	5	0.44	0.44	0.43	< 0.76	---	< 0.29	< 0.28	< 0.27	1.70	< 0.28	< 0.28	2.86	---	< 0.42	---	< 0.48	< 0.32	0.86	1.74	---	4.09	< 0.71	21.8	---	0.66	4.21	< 0.35	< 0.34	1.78	---	2.83	< 0.33	---
	24-Sep-2025	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	69.3
Brook Trout 2+	11-Aug-2009	3	5.62	1.70	4.52	---	< 16	< 9.7	< 9.2	< 9.1	< 8.4	< 8.9	---	< 8.6	---	< 9.1	< 8.6	< 8.9	< 8.6	11.3	9.5	---	35.4	3.5 [#1]	---	10.3	---	17.3	< 0.90	< 1.0	3.29 [#1]	---	8.64	1.09	72.4
	11-Aug-2010	5	3.66	1.82	2.55	---	11.6	< 1.8	5.2	< 1.6	21.7	< 1.6	---	25.6	---	< 1.7	< 1.6	< 1.6	5.8	15.4	12.4	---	50.6	< 1.8	---	18.3	---	22.5	< 1.1	< 1.1	4.43	---	13.2	1.6	92.1
	12-Aug-2010	3	4.56	1.74 [#1]	4.82	---	< 11	< 8.1	< 7.6	< 7.5	< 7.0	< 7.4	---	< 7.2	---	< 7.6	< 7.2	< 7.4	< 6.6	15.3	12.5	---	50.8	4.7	---	20.4	---	32.9	< 0.80	< 0.90	5.80	---	16.0	1.30	155
	01-Sep-2011	4	9.93	< 0.50	4.02	---	24.4	< 3.0	8.3	< 3.0	39.6	< 3.0	---	26.2	---	< 3.0	< 3.0	< 3.0	16.9	12.8 [#1]	22.2	---	79.8	< 4.0	---	18.7	---	51.5	< 2.0	< 3.0	13.0	---	30.8	< 2.0	306
(Replicate)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate A)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate B)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate C)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate D)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 1 (ng/kg)	PCB 2 (ng/kg)	PCB 3 (ng/kg)	PCB 4 (ng/kg)	PCB 4/10 (ng/kg)	PCB 5 (ng/kg)	PCB 6 (ng/kg)	PCB 7 (ng/kg)	PCB 8 (ng/kg)	PCB 9 (ng/kg)	PCB 10 (ng/kg)	PCB 11 (ng/kg)	PCB 12 (ng/kg)	PCB 12/13 (ng/kg)	PCB 13 (ng/kg)	PCB 14 (ng/kg)	PCB 15 (ng/kg)	PCB 16 (ng/kg)	PCB 17 (ng/kg)	PCB 18 (ng/kg)	PCB 18/30 (ng/kg)	PCB 19 (ng/kg)	PCB 20/28 (ng/kg)	PCB 21/20/33 (ng/kg)	PCB 21/33 (ng/kg)	PCB 22 (ng/kg)	PCB 23 (ng/kg)	PCB 24 (ng/kg)	PCB 25 (ng/kg)	PCB 26 (ng/kg)	PCB 26/29 (ng/kg)	PCB 27 (ng/kg)	PCB 28 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																																				
(Duplicate)	01-Sep-2011	4	< 50 #1	< 200	1220 #1	---	2330 #1	< 4.0	< 4.0	< 4.0	40.6 #1	< 4.0	---	19.3 #1	---	< 4.0	< 4.0	< 4.0	< 4.0	< 3.0	7.3	17.2	---	66.3	< 10	---	16.5	---	65.1	< 1.0	< 2.0	17.8	---	42.9	< 2.0	447
	01-Sep-2012	4	4.37	3.31	4.96	---	12.3 #1	< 3.0	< 3.0	< 3.0	25.6	< 3.0	---	31.9 #1	---	< 3.0	< 2.0	< 3.0	9.8 #1	6.6	8.8 #1	---	24.6	< 2.0	---	11.2	---	14.1	< 0.50	< 1.0	3.79 #1	---	8.23	< 0.90	55.3
	01-Sep-2013	4	0.236	0.177	0.371	0.656	---	< 0.13	< 0.114	< 0.119	0.561	0.156	< 0.114	2.38	---	0.15	---	0.136	0.886	1.05 #1	2.67	---	6.64	0.409	46	---	0.753	10.6	< 0.0569	0.116	2.32	---	5.57	0.25	---
	22-Sep-2014	4	0.328	0.308	0.445	0.868	---	< 0.168	0.27 #1	0.188 #1	0.965 #1	0.28 #1	< 0.146	1.73	---	0.245 #1	---	0.257	1.07 #1	1.54 #1	2.94	---	8.47	0.506	44.5	---	0.925	9.58	0.076 #1	0.156 #1	2.47	---	5.84	0.37	---
(Replicate A)	22-Sep-2014	1	0.294	0.256 #1	0.465 #1	0.475 #1	---	< 0.166	0.16 #1	< 0.154	0.525 #1	< 0.147	< 0.144	1.37	---	0.208 #1	---	0.198 #1	0.75 #1	0.62	1.57	---	3.99	0.284 #1	26.8	---	0.587 #1	6.61	< 0.0573	0.063	2.42	---	4.6	0.168 #1	---
(Replicate B)	22-Sep-2014	1	0.299	0.299	0.405	0.86	---	< 0.127	0.245 #1	0.219	0.902	0.216 #1	< 0.112	2.46	---	0.245	---	0.372	1.51	1.74	5.54	---	13	0.501 #3	63.9	---	0.966 #1	15.8	< 0.12	0.233	3.97	---	8.86	0.548	---
	23-Sep-2015	4	0.473	0.286	0.394	1.24	---	< 0.183	0.443	0.193	1.96	0.244 #1	< 0.164	6.38	---	0.205	---	< 0.168	1.41	2.71	4.93	---	21.7	1.07	97.8	---	2.00	18.5	< 0.119	0.417	9.67	---	18.4	0.848	---
	31-Aug-2016	2	0.389	0.418	0.722	0.587	---	< 0.191	< 0.172	< 0.174	0.751	< 0.169	< 0.176	2.74	---	< 0.179	---	< 0.176	0.718	1.21	3.03	---	8.22	0.411	62.9	---	0.848	10.4	< 0.0557	0.155 #1	4.94	---	10.2	0.304 #1	---
	12-Sep-2017	3	0.674	0.365 #1	0.547	0.992	---	< 0.303	0.407	< 0.286	2	< 0.27	< 0.291	6.95	---	< 0.277	---	< 0.269	0.92	1.47	2.6	---	7.04	0.402	47.8	---	1.39	8.09	< 0.0646	0.135 #1	3.85	---	6.19	0.308 #1	---
(Replicate A)	12-Sep-2017	1	0.613 #1	0.352	0.497	0.93	---	< 0.279	0.384	< 0.263	1.74	< 0.249	< 0.268	5.93	---	< 0.255	---	< 0.247	0.804	1.25	2.14	---	5.76 #1	0.379 #1	25.9	---	1.35	6.09	< 0.0582	0.093	1.49	---	3.69	0.224 #1	---
	29-Aug-2018	3	0.964	1.16	1.13	1.07	---	< 0.432	0.644 #1	< 0.402	2.19	< 0.379	< 0.393	2.22	---	0.531 #1	---	< 0.396	0.871	2.11	3.56	---	10.9	0.488	54.9	---	1.27 #1	10.8	< 0.28	< 0.28	< 0.28	---	7.53	0.42	---
(Replicate A)	05-Sep-2019	4	0.389	0.322	0.582	0.501	---	< 0.125	0.228	0.128	0.829	0.161	< 0.108	2.4	---	0.249	---	0.299	0.942	1.02	2.53	---	6.61	0.323	35.6	---	1.1	8.22	< 0.0549	0.151	3.03	---	5.85	0.286	---
(Replicate B)	05-Sep-2019	4	0.42	0.333	0.816	0.574	---	< 0.106	0.239	0.146	0.932	0.181	< 0.0918	2.81	---	0.206	---	0.286	1.12	1.12	2.95	---	7.14	0.409	39.5	---	1.27	9.42	< 0.0579	0.128	3.82	---	6.77	0.283	---
(Replicate A)	25-Aug-2020	7	0.379	0.221	0.612	< 1.33	---	< 0.805	< 0.741	< 0.757	0.796	< 0.702	< 0.727	2.16	---	< 0.785	---	< 0.757	< 0.872	1.05 #1	2.61	---	7.07	0.395	40.1	---	0.838	8.38	< 0.0574	0.116 #1	4.22	---	6.53	0.3	---
(Replicate B)	25-Aug-2020	7	0.461	0.276	0.865	< 1.11	---	< 0.684	< 0.63	< 0.644	0.708	< 0.597	< 0.618	2.46	---	< 0.668	---	< 0.643	< 0.749	0.919	1.97	---	5.31	0.308	34.9	---	0.895	6.61	< 0.0577	0.103 #1	5.43	---	7.4	0.182	---
	29-Sep-2021	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.9
	29-Sep-2021	10	0.225 #4	< 0.090 #4	0.190 #4	< 0.53 #4	---	< 0.38 #4	< 0.31 #4	< 0.31 #4	1.46 #4	< 0.33 #4	< 0.30 #4	4.86 #4	---	< 0.40 #4	---	< 0.41 #4	1.10 #4	0.83 #4	2.17 #4	---	7.62 #4	0.52 #4	45.9 #4	---	1.76 #4	7.07 #4	< 0.19 #4	< 0.17 #4	8.42 #4	---	8.59 #4	0.22 #4	---
	12-Oct-2022	9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	105
	12-Oct-2022	9	< 0.17	< 0.22	0.47	< 1.4	---	< 1.1	< 0.86	< 0.88	< 0.74	< 0.92	< 0.86	3.9	---	< 0.98	---	< 1.0	< 1.1	1.30	4.02	---	14.8	0.82	105	---	2.20	14.9	< 0.53	< 0.25	16.6	---	18.5	< 0.25	---
	13-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.3
	13-Sep-2023	5	< 1.3	< 1.2	< 0.96	< 5.8	---	< 2.3	< 2.1	< 2.2	< 2.0	< 2.1	< 2.1	< 4.1	---	< 4.1	---	< 4.0	< 3.5	< 2.0	< 1.8	---	4.8	< 1.2	20.3	---	< 1.3	4.7	< 1.5	< 1.5	1.9	---	2.5	< 1.3	---
	14-Aug-2024	5	0.39	0.52	0.41	1.20	---	< 0.33	< 0.32	< 0.31	1.09	< 0.32	< 0.31	2.70	---	< 0.59	---	< 0.68	< 0.46	0.79	1.82	---	4.56	< 0.92	28.2	---	0.62	5.03	< 0.55	< 0.32	3.73	---	3.97	< 0.31	---
(Replicate A)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	38.9
(Replicate B)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	52.6
Brook Trout 3+	04-Oct-2006	3	--- #2	--- #2	--- #2	---	< 1.4	< 0.80	< 0.80	< 0.80	< 0.70	< 0.80	---	< 0.70	---	< 0.80	< 0.70	< 0.70	< 0.70	1.8	2.4	---	9.3	< 0.10	---	2.6	---	4.1	< 0.10	< 0.10	0.13	---	< 0.10	< 0.10	72
	11-Aug-2010	5	2.18 #1	1.31	1.80	---	11.1 #1	< 1.5	< 1.4	< 1.4	15.1	< 1.4	---	15.1	---	< 1.4	< 1.4	< 1.4	5.4	12.4	15.7	---	47.7	4.0 #1	---	20.8	---	26.3	< 0.90	< 1.0	5.28	---	11.8	< 0.90	89.5
(Duplicate)	11-Aug-2010	5	2.30	1.16	1.59	---	8.3	< 1.5	< 1.4	< 1.4	16.9	< 1.4	---	16.4	---	< 1.4	< 1.4	< 1.4	6.5	14.4	16.9	---	49.4	3.9	---	19.3	---	21.9	< 0.90	< 1.0	4.71 #1	---	12.8	1.73	84.3
(Replicate A)	12-Aug-2010	4	3.42	1.45	4.48	---	< 13	< 8.5	< 8.0	< 7.9	< 7.3	< 7.8	---	< 7.5	---	< 7.9	< 7.5	< 7.8	< 6.9	13.5 #1	12.3	---	56.7	3.3 #1	---	17.1	---	33.3	< 1.0	< 1.1	6.34	---	19.9	1.8	144
(Replicate A)	01-Sep-2012	1	2.36	2.12	2.56	---	< 2.0	< 1.0	< 1.0	< 1.0	13.0	< 1.0	---	20.5	---	< 1.0	< 1.0	< 1.0	6.7 #1	4.40 #1	5.86	---	14.6	< 0.90	---	7.25	---	8.30	< 0.30	< 0.50	1.84	---	4.42	< 0.50	32.7
(Replicate B)	01-Sep-2012	1	4.09	3.66 #1	4.69	---	10.2 #1	< 2.0	< 2.0	< 2.0	13.0 #1	< 2.0	---	22.9	---	< 2.0	< 2.0	< 2.0	9.7 #1	5.5 #1	7.79 #1	---	15.5 #1	< 1.0	---	7.83	---	8.10 #1	< 0.40	< 0.70	2.02 #1	---	3.81	< 0.60	27.9
(Duplicate)	01-Sep-2012	1	2.75 #1	2.22 #1	3.03 #1	---	12.0 #1	< 1.0	< 1.0	< 1.0	11.9	< 1.0	---	19.6 #1	---	< 1.0	< 1.0	< 1.0	7.0 #1	4.48 #1	4.62	---	14.3	< 1.0	---	7.19	---	8.36	< 0.30	< 0.50	1.87 #1	---	3.74 #1	< 0.40	29.5
(Replicate C)	01-Sep-2013	1	0.302	0.195	0.533	0.402	---	< 0.268	< 0.236	< 0.246	0.449 #1	< 0.236	< 0.236	1.64	---	< 0.27	---	< 0.251	0.465	0.797	2.07	---	6.2	0.274	34.1	---	0.656	7.34	< 0.0781	< 0.0781	1.7	---	3.83	0.246	---
(Replicate D)	01-Sep-2013	1	0.36	0.283	0.821	0.41	---	< 0.246	< 0.216	< 0.225	0.404 #1	< 0.216	< 0.216	2.14	---	< 0.247	---	< 0.23	0.455	0.716	2.07	---	5.57	0.29	33.3	---	0.675	7.66	< 0.0923	< 0.0923	1.56	---	4.04	0.179 #1	---
(Known (External Reference Material) Duplicate)	01-Sep-2013	1	28.1 #1	6.0 #1	15.7 #1	---	< 60	< 30	< 30	< 30	< 30	< 30	---	< 30	---	< 30	< 30	< 30	< 40	24.7 #1	25.3	---	62.2	< 6.0	---	25.6	---	19.7	< 3.0	< 3.0	5.0	---	8.1	< 3.0	67.1
	22-Sep-2014	4	0.299	0.265	0.377	0.643 #1	---	< 0.141	0.195 #1	0.146	0.81	0.205 #1	< 0.124	1.45	---	0.223 #1	---	0.286 #1	1.01	1.31	2.79	---	7.25	0.475 #3	45.1	---	1.09	9.73	0.066	0.142	2.7	---	5.88	0.343 #1	---
(Replicate A)	22-Sep-2014	4	0.283	0.272	0.336 #1	0.75	---	< 0.108	0.176 #1	0.181 #1	0.815	0.199	< 0.095	1.37	---	0.167 #1	---	0.205	1.01	1.45	3.03	---	8	0.44 #3	44	---	0.826 #1	10.5	0.071	0.144 #1	2.03	---	5.14	0.355 #1	---
(Replicate B)	22-Sep-2014	1	0.242	0.2	0.395	0.343	---	< 0.125	0.155 #1	< 0.116	0.436 #1	< 0.112	< 0.11	1.81	---	0.139 #1	---	< 0.117	0.531 #1	0.402 #1	0.949	---	2.35	0.131	13.8	---	0.369	3.41	< 0.0574	< 0.0574	0.88	---	1.9	0.101	---
(Duplicate)	22-Sep-2014	1	0.259	0.203 #1	0.293	0.617 #1	---	< 0.136	0.163 #1	< 0.127	0.869	0.226 #1	< 0.121	1.3	---	< 0.131	---	0.245	0.849	1.51	3.36	---	9.04	0.432 #3	42.2	---	0.964	8.99	< 0.0711	0.128	2.67	---	5.63	0.364 #1	---
	23-Sep-2015	3	0.561	0.401	0.481	1.49	---	< 0.22	0.524 #1	0.222 #1	2.41	0.39 #1	< 0.202	7.3	---	0.271 #1	---	< 0.193	1.93	3.44	5.89	---	31.5	1.4	164	---	2.54	29.6	< 0.134	0.558	19.9	---	37.3	1.36	---
	31-Aug-2016	2	0.737	1.33	2.77 #1	0.734	---	< 0.159	0.218 #1	0.18 #1	0.954	0.283	< 0.147	5.15 #1	---	0.545	---	0.177 #1	0.95	1.26	4.07	---	14	0.61	116	---	1.07	18.7	0.067	0.208 #1	12.6	---	21.9	0.426 #1	---
(Replicate A)	31-Aug-2016	2	0.374	0.289	0.449	0.62	---	< 0.123	0.216	0.147	1.03	0.212	< 0.115	2.97	---	0.12	---	< 0.11	0.552	1.61	3.58	---	9.82	0.493	71.8	---	0.797	11.8	< 0.0546	0.148	7.61	---	13.5	0.431 #1	---
(Duplicate)	31-Aug-2016	1	0.524	0.661	0.704	0.741	---	< 0.134	0.213	< 0.122	0.824	0.192 #1	< 0.123	3.21	---	< 0.125	---	0.172 #1	0.707	1.3	4.01	---	13.7	0.544	112	---	1.15	18.1	0.058 #1	0.162	12.4	---	21.6	0.454 #1	---
	12-Sep-2017	3	0.608	0.307	0.453 #1	0.99	---	< 0.241	0.43	< 0.227	2.01	< 0.215	< 0.232	6.2	---	< 0.22	---	< 0.214	0.998	1.45	2.65	---	7.27	0.385 #1	35.9	---	1.39	7.88	< 0.0559	0.129 #1	3.1	---	5.83	0.269	---
	29-Aug-2018	3	0.91	1.1	1.17	1.06	---	< 0.481	< 0.438	< 0.448	2.18	0.595 #1	< 0.438	3.25	---	0.759 #1	---	< 0.442	0.977 #1	1.55	3.29	---	9.72	0.649 #1	53	---	1.1	10.8	< 0.13	0.158 #1	5.23	---	10.3	0.411 #1	---
(Duplicate)	29-Aug-2018	3	0.599	0.732	0.731	0.991	---	< 0.388	< 0.343	< 0.352	1.7	< 0.341	< 0.346	2.45	---	---	---	< 0.344	0.744	1.4	3.07	---	8.83	0.551	48.1	---	0.962 #1	9.24	< 0.108	0.134 #1	4.89	---	8.96	0.34	---
(Lab Replicate)	29-Aug-2018	3	0.713	0.908	1.01	0.883	---	< 0.376	0.421 #1	< 0.342	1.66	< 0.331	< 0.336	2.32	---	---	---	< 0.334	0.714	1.26	2.88	---	7.91	0.588	46.7	---	0.928	9.36	< 0.0971	0.125 #1	4.83	---	8.24	0.35	---
	05-Sep-2019	4	0.372	0.344	0.402	0.675	---	< 0.116	0.231	0.183	1.03	0.199	< 0.1	2.91	---	0.257	---	0.365	1.11	1.39	3.71	---	10.5	0.499	57.9	---	1.47	12.7	< 0.0918	0.108	5.22	---	9.77	0.401	---
	29-Sep-2021	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.2
	29-Sep-2021	3	0.40	< 0.29	< 0.26	< 1.9	---	< 1.4	< 1.1	< 1.1	3.00	< 1.2	< 1.1	14.2	---	< 0.94	---	< 0.97	< 0.96	1.30	2.53	---	8.28	< 0.42	45.2	---	2.70	7.12	< 0.45	< 0.27	9.60	---	9.25	< 0.27	---
(Duplicate)	29-Sep-2021	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100
(Duplicate)	29-Sep-2021	3	< 0.39	< 0.53	< 0.49	< 2.9	---	< 2.4	< 1.9	< 1.9	< 1.6	< 2.0	< 1.8	< 2.6	---	< 2.4	---	< 2.5	< 2.8	< 1.0	3.99	---	14.4	< 0.83	100	---	< 1.1	14.4	< 1.1	< 0.68	21.2	---	20.2	< 0.67	---

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 1 (ng/kg)	PCB 2 (ng/kg)	PCB 3 (ng/kg)	PCB 4 (ng/kg)	PCB 4/10 (ng/kg)	PCB 5 (ng/kg)	PCB 6 (ng/kg)	PCB 7 (ng/kg)	PCB 8 (ng/kg)	PCB 9 (ng/kg)	PCB 10 (ng/kg)	PCB 11 (ng/kg)	PCB 12 (ng/kg)	PCB 12/13 (ng/kg)	PCB 13 (ng/kg)	PCB 14 (ng/kg)	PCB 15 (ng/kg)	PCB 16 (ng/kg)	PCB 17 (ng/kg)	PCB 18 (ng/kg)	PCB 18/30 (ng/kg)	PCB 19 (ng/kg)	PCB 20/28 (ng/kg)	PCB 21/20/33 (ng/kg)	PCB 21/33 (ng/kg)	PCB 22 (ng/kg)	PCB 23 (ng/kg)	PCB 24 (ng/kg)	PCB 25 (ng/kg)	PCB 26 (ng/kg)	PCB 26/29 (ng/kg)	PCB 27 (ng/kg)	PCB 28 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																																			
	12-Oct-2022	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.3
	12-Oct-2022	3	< 0.67	< 1.0	< 1.1	< 4.2	---	< 4.1	< 3.1	< 3.2	< 2.6	< 3.5	< 3.0	< 4.9	---	< 4.6	---	< 4.8	< 6.0	< 2.3	< 1.9	---	5.9	< 1.5	49.3	---	< 1.9	6.7	< 1.9	< 1.6	< 1.8	---	11.0	< 1.6	---
	13-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	37.6
	13-Sep-2023	5	0.48	0.47	0.40	< 2.4	---	< 0.57	< 0.54	< 0.55	< 0.52	< 0.54	< 0.51	5.56	---	< 0.49	---	< 0.50	1.20	1.12	2.13	---	4.55	0.91	37.6	---	0.73	6.38	< 0.30	< 0.18	4.44	---	4.52	< 0.16	---
	14-Aug-2024	3	0.40	0.51	0.46	< 1.2	---	< 0.46	< 0.44	< 0.43	1.40	< 0.45	< 0.43	3.47	---	< 0.83	---	< 0.95	< 0.64	0.94	2.50	---	5.59	< 0.94	32.1	---	0.60	5.55	< 0.45	< 0.44	7.31	---	6.53	< 0.42	---
(Duplicate)	14-Aug-2024	3	< 0.14	0.36	0.35	< 0.74	---	< 0.27	< 0.27	< 0.26	1.40	< 0.28	< 0.27	3.11	---	< 0.43	---	< 0.49	0.70	0.54	2.64	---	5.55	< 0.56	35.9	---	0.70	5.14	< 0.39	< 0.35	7.45	---	6.58	< 0.34	---
(Replicate A)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	125
(Duplicate)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	225
(Replicate B)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	38.5
(Replicate B)	24-Sep-2025	3	0.105	0.171	0.189	0.38	---	<0.045	0.294	<0.039	0.694	<0.10	<0.042	2.95	---	<0.12	---	<0.13	0.654	0.567	1.88	---	3.62	<0.21	26.1	---	0.331	3.75	<0.081	0.0535	3.58	---	3.91	0.21	---
Brook Trout 4+	04-Oct-2006	7	--- [#2]	--- [#2]	--- [#2]	---	< 6.1	< 1.9	< 1.8	< 1.8	8.9	< 1.7	---	< 1.7	---	< 1.8	< 1.6	< 1.6 [#1]	< 2.1	12	14	---	72	2.6	---	27	---	53	< 0.10	< 0.10	7.7	---	24	1.2	330
	01-Sep-2011	2	7.44	< 0.40	3.04 [#1]	---	24.8 [#1]	< 3.0	7.1 [#1]	< 3.0 [#1]	32.4	< 3.0	---	26.1	---	< 3.0	< 3.0	< 3.0 [#1]	15.3 [#1]	13.7	24.4	---	102	< 3.0	---	18.2	---	54.9	< 1.0	< 2.0	12.3	---	30.8	< 2.0	263
	01-Sep-2013	2	0.279	0.163	0.353	0.864	---	< 0.232	< 0.204	< 0.213	0.842	0.269	< 0.205	1.7	---	< 0.234 [#1]	---	< 0.217 [#1]	1.21	2.36	7.16	---	18.6	0.79	163	---	2.02	29.7	< 0.215	0.329	12.1	---	23.2	0.762	---
	22-Sep-2014	1	0.331	0.268	0.387 [#1]	0.822 [#1]	---	< 0.141	0.195	0.147 [#1]	0.843	0.202	< 0.124	1.13 [#1]	---	< 0.142 [#1]	---	0.147 [#1]	0.686	1.2	3.32	---	12	0.61	97.3	---	1.06 [#1]	18.3	0.078 [#1]	0.183 [#1]	7.13	---	14.4	0.353 [#1]	---
(Replicate A)	23-Sep-2015	1	0.496	0.387	0.482 [#1]	1.54	---	< 0.154	0.439	0.279 [#1]	2.11	0.381	< 0.142	7.49	---	0.242 [#1]	---	0.253 [#1]	1.46	3	6.44	---	18.5	0.952	88.3	---	2.16	20	< 0.111	0.274	5.75	---	11.7	0.721	---
(Replicate B)	23-Sep-2015	1	0.422	0.299	0.313	1.27 [#1]	---	< 0.131	0.418	0.232 [#1]	1.84	0.262	< 0.12	6.48	---	0.170 [#1]	---	0.218 [#1]	1.21	2.31	4.62	---	12.6	0.713	62.1	---	1.85	13.8	< 0.0823	0.2	3.53	---	7.92	0.485	---
	12-Sep-2017	1	0.63	0.365	0.757 [#1]	1.17	---	< 0.324	0.436	< 0.306	1.79	< 0.289	< 0.311	6.59	---	< 0.296	---	< 0.287	0.909	1.44	2.82	---	8.89	0.567	47.6	---	1.32	9.6	< 0.0582	0.08	5.63	---	10.4	0.384 [#1]	---
(Replicate A)	29-Aug-2018	1	0.488	0.535	0.586	1.03 [#1]	---	< 0.607	< 0.551	< 0.564	2.02	< 0.533	< 0.551	2.63	---	---	---	< 0.557	1.21 [#1]	1.84 [#1]	5.09	---	14.5	0.696 [#1]	82.2	---	---	14.7	< 0.293	< 0.279	13.3	---	22.9	0.481 [#1]	---
(Replicate B)	29-Aug-2018	1	0.478	0.549	0.571	0.8	---	< 0.318	0.396 [#1]	< 0.296	1.78	< 0.279	< 0.289	2.03	---	---	---	< 0.292	0.586	1.84	3.22	---	7.11	0.445 [#1]	31.6	---	0.934	6.85	< 0.283	< 0.283	1.36	---	3.58	0.489 [#1]	---
(Replicate C)	29-Aug-2018	1	0.615	0.825	0.782	0.978	---	< 0.392	< 0.356	< 0.365	1.97	0.484 [#1]	< 0.356	2.86	---	---	---	< 0.36	0.995	2.62	7.12 [#1]	---	18.5	0.994 [#1]	62.6	---	1.23	15.4	< 0.336	< 0.281	3.96	---	8.91	0.588 [#1]	---
	25-Aug-2020	1	0.475	0.243	0.719	< 1.04	---	< 0.691	< 0.635	< 0.65	0.59	< 0.602	< 0.623	1.77	---	< 0.674	---	< 0.649	< 0.789	0.68 [#1]	1.51	---	4.25	0.259 [#1]	22.2	---	0.571 [#1]	4.8	< 0.0692	0.064	1.34	---	3.05	0.223	---
	29-Sep-2021	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	61.1
	29-Sep-2021	1	0.23	< 0.14	0.42	< 0.94	---	< 0.72	< 0.57	1.65	1.90	< 0.61	< 0.57	5.90	---	< 0.64	---	< 0.68	1.90	1.46	3.15	---	10.7	0.87	61.1	---	1.40	9.07	< 0.40	< 0.17	13.2	---	12.4	0.35	---
	24-Sep-2025	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	33.6
	24-Sep-2025	1	<0.11	<0.12	<0.26	<0.45		<0.24	<0.26	<0.24	0.929	<0.26	<0.25	3.55	---	<0.25	---	<0.27	0.483	0.8	1.48	---	4.31	0.31	19.2	---	0.483	4.08	<0.13	<0.091	1.94	---	2.87	<0.094	---
Brook Trout 5+	04-Oct-2006	5	--- [#2]	--- [#2]	--- [#2]	---	< 6.6	< 2.2	< 2.1	< 2.1	12	< 2.0	---	< 2.0	---	< 2.1	< 1.9	< 1.9	6.5	11	14	---	59	2.6	---	22	---	35	< 0.10	< 0.10	4.4	---	17	1.0	200
	01-Sep-2007	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	2	2.5	1.7	3.4	---	< 9.6	< 5.9	< 5.5	< 5.5	< 5.2	< 5.1	---	< 5.4	---	< 5.9	< 5.3	< 5.2	< 5.9	6.9	7.9	---	18	< 1.8	---	7.5	---	12	< 0.70	< 1.2	3.0	---	8.1	< 1.1	64
	12-Aug-2010	1	4.43	1.35	4.50	---	< 12	< 9.3	< 8.8	< 8.7	< 8.1	< 8.6	---	< 8.3	---	< 8.7	< 8.3	< 8.6	< 7.6	15.4	13.0	---	54.8	4.3	---	19.6	---	23.9	< 0.90	< 1.0	3.36	---	8.85	< 0.90	65.7
	01-Sep-2013	1	1.2	1.27	2.24	1.59	---	< 0.28	0.399 [#1]	0.394 [#1]	1.76	0.61	< 0.246	2.48	---	0.456	---	< 0.262	1.94	3.68	8.75	---	27.3	1.18	258	---	2.92	42	0.115	0.37	10.9	---	27	1.09	---
(Known (External Reference Material) Duplicate)	01-Sep-2013	1	20.1 [#1]	4.3	11.6	---	< 50	< 20	< 20	< 20	< 20	< 20	---	< 20	---	< 30	< 20	< 20	< 30	20.2	20.8 [#1]	---	62.8	< 7.0	---	18.0	---	38.1	< 3.0	< 3.0	10.8	---	24.4	< 3.0	217
	23-Sep-2015	1	0.456	0.357	0.369	2.01	---	< 0.123	0.529	0.364	2.54	0.514	< 0.113	7.39	---	0.225 [#1]	---	0.295 [#1]	2.09	4.58	9.11	---	30.9	1.5	129	---	2.41	27.4	< 0.131	0.427	14.3	---	25.9	1.16	---
	30-Aug-2016	1	0.365	0.32	0.523 [#1]	0.665 [#1]	---	< 0.141	< 0.122	< 0.125	0.837	0.175 [#1]	< 0.129	3.65	---	< 0.127	---	< 0.124	0.548 [#1]	1.49	2.83	---	7.35	0.39	44	---	0.661 [#1]	8.31	< 0.0674	0.088	3.46	---	6.29	0.307	---
	12-Sep-2017	1	0.633 [#1]	0.382 [#1]	0.546	1.43	---	< 0.29	0.556	< 0.271	2.4	0.38 [#1]	< 0.283	6.05	---	< 0.258	---	< 0.256	1.37	2.64	6.1	---	15.9	0.816	103	---	1.82	19.4	< 0.0775	0.221 [#1]	8.96	---	17.5	0.655	---
(Re-analysis)	12-Sep-2017	1	0.561	0.32	0.446 [#1]	1.64	---	< 0.149	0.529	0.254	2.5	0.367	< 0.139	6.14	---	0.191	---	< 0.137	0.968	2.13	4.89	---	13.3	0.642	71.3	---	1.76	13	0.068	0.321	6.33	---	11.8	0.515 [#1]	---
	29-Sep-2021	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	58.0
	29-Sep-2021	1	< 0.70 [#4]	< 0.95 [#4]	< 0.90 [#4]	< 5.4 [#4]	---	< 4.8 [#4]	< 3.8 [#4]	< 3.9 [#4]	< 3.3 [#4]	< 4.1 [#4]	< 3.9 [#4]	< 3.7 [#4]	---	< 3.5 [#4]	---	< 3.7 [#4]	< 4.6 [#4]	< 2.2 [#4]	2.6 [#4]	---	9.6 [#4]	< 1.4 [#4]	58.0 [#4]	---	< 1.4 [#4]	10.3 [#4]	< 1.5 [#4]	< 1.5 [#4]	6.5 [#4]	---	< 1.5 [#4]	< 1.4 [#4]	---
Brook Trout 6+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	2.5	1.7	< 0.80	---	< 14	< 8.2	< 7.6	< 7.6	< 7.2	< 7.1	---	< 7.5	---	< 8.1	< 7.4	< 7.2	< 8.2	6.8	8.8	---	15	< 2.3	---	5.9	---	11	< 0.80	< 1.6	1.8	---	5.2	< 1.5	41
Brook Trout 7+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Duplicate)	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	2.2	1.4	2.4	---	< 8.9	< 5.3	< 4.9	< 4.9	< 4.7	< 4.6	---	< 4.8	---	< 5.3	< 4.8	< 4.6	< 5.3	8.9	12	---	29	3.2	---	7.4	---	15	< 0.60	< 1.1	3.4	---	8.1	< 1.0	53
(Duplicate)	11-Sep-2007	3	2.9	---	2.6	---	< 14	< 8.4	< 7.7	< 7.8	< 7.4	< 7.2	---	< 7.6	---	< 8.3	< 7.5	< 7.3	< 8.4	7.9	9.7	---	23	< 2.1	---	9.5	---	12	< 0.90	< 1.4	2.5	---	6.2	< 1.3	44
Brook Trout 11+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	< 50 [#1]	< 2.3	< 2.6	---	< 60	< 7.2	< 6.6	< 6.7	< 6.3	< 6.2	---	< 6.5	---	< 7.1	< 6.4	< 6.3	< 7.2	8.7	9.1	---	8.2	< 3.3	---	5.6	---	9.3	< 0.60	< 2.3	1.8	---	5.3	< 2.1	48
Brook Trout 12+	01-Sep-2007	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	2	3.1	< 0.70	3.2	---	< 9.8	< 6.1	< 5.6	< 5.7	< 5.4	< 5.3	---	< 5.6	---	< 6.1	< 5.5	< 5.3	< 6.1	5.8	7.9	---	18	< 1.9	---	7.9	---	14	< 0.70	< 1.3	3.4	---	9.7	< 1.2	79
Brook Trout Unknown	23-Jul-2008	3	1.9	< 0.80	1.3	---	5.4 [#1]	< 1.3	< 1.2	< 1.2	4.9	< 1.1	---	9.2	---	< 1.2	< 1.1	< 1.2	3.0	3.8	6.7	---	23	1.3	---	4.8	---	10	< 0.50	< 0.50	2.7	---	7.6	0.96	43
(Replicate)	23-Jul-2008	3	4.6	< 2.8	5.6	---	4.4	< 1.5	< 1.4	< 1.4	5.4	< 1.3	---	8.1	---	< 1.4	< 1.3	< 1.4	3.0	4.6	8.4	---	21	1.5	---	4.3	---	8.9	< 0.60	< 0.60	2.2	---	5.7	1.1	36

Table C.2

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 1 (ng/kg)	PCB 2 (ng/kg)	PCB 3 (ng/kg)	PCB 4 (ng/kg)	PCB 4/10 (ng/kg)	PCB 5 (ng/kg)	PCB 6 (ng/kg)	PCB 7 (ng/kg)	PCB 8 (ng/kg)	PCB 9 (ng/kg)	PCB 10 (ng/kg)	PCB 11 (ng/kg)	PCB 12 (ng/kg)	PCB 12/13 (ng/kg)	PCB 13 (ng/kg)	PCB 14 (ng/kg)	PCB 15 (ng/kg)	PCB 16 (ng/kg)	PCB 17 (ng/kg)	PCB 18 (ng/kg)	PCB 18/30 (ng/kg)	PCB 19 (ng/kg)	PCB 20/28 (ng/kg)	PCB 21/20/33 (ng/kg)	PCB 21/33 (ng/kg)	PCB 22 (ng/kg)	PCB 23 (ng/kg)	PCB 24 (ng/kg)	PCB 25 (ng/kg)	PCB 26 (ng/kg)	PCB 26/29 (ng/kg)	PCB 27 (ng/kg)	PCB 28 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																																			
(Replicate A)	23-Jul-2008	2	0.92	0.41	0.75	---	4.6 #1	< 0.60	0.93	< 0.60	4.6	1.6 #1	---	8.8	---	< 0.60	< 0.60	< 0.60	3.5	4.3	6.9	---	21	1.2	---	4.4	---	9.8	< 0.30	< 0.30	3.0	---	7.4	0.97	38
(Replicate B)	23-Jul-2008	2	0.70	0.45	0.78	---	3.9	< 0.80	1.3	< 0.70	5.1	< 0.70	---	9.3	---	< 0.70	< 0.70	< 0.70	2.5	4.4	7.5	---	25	1.4	---	5.1	---	11	< 0.40	< 0.30	2.8	---	7.4	0.85	46
(Replicate C)	23-Jul-2008	2	2.9	2.1	5.3 #1	---	4.5	< 1.6	< 1.4	< 1.5	8.3	< 1.3	---	10	---	< 1.5	< 1.4	< 1.4	6.4 #1	7.1	11	---	29	1.5	---	6.8	---	12	< 0.60	< 0.60	2.9	---	7.3	1.2	48
	12-Oct-2022	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	57.7
	12-Oct-2022	1	< 0.89	< 1.3	< 1.3	< 4.7	---	< 4.2	< 3.2	< 3.2	< 2.6	< 3.6	< 3.1	< 5.0	---	< 4.7	---	< 4.9	< 5.5	< 2.3	2.3	---	6.8	< 1.8	57.7	---	< 2.1	7.2	< 2.2	< 1.7	7.8	---	8.6	< 1.6	---
	13-Sep-2023	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	23.2
	13-Sep-2023	1	0.78 #5	0.59 #5	0.75 #5	< 2.2 #5	---	< 0.55 #5	< 0.53 #5	< 0.55 #5	< 0.51 #5	< 0.52 #5	< 0.48 #5	3.20 #5	---	< 0.49 #5	---	< 0.50 #5	0.81 #5	0.41 #5	1.27 #5	---	3.04 #5	< 0.31 #5	23.2 #5	---	0.55 #5	4.49 #5	< 0.28 #5	< 0.16 #5	2.26 #5	---	2.59 #5	< 0.14 #5	---
(Replicate)	13-Sep-2023	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	26.3
(Replicate)	13-Sep-2023	1	< 0.94	1.80	< 0.81	< 4.9	---	< 1.9	< 1.7	< 1.8	< 1.6	< 1.7	< 1.7	< 4.9	---	< 4.8	---	< 4.8	< 4.2	< 1.7	1.9	---	4.4	< 0.98	26.3	---	< 1.8	4.5	< 2.1	< 1.3	3.8	---	4.3	< 1.2	---
(Replicate A)	14-Aug-2024	1	0.37	0.36	0.52	< 0.79	---	< 0.32	< 0.31	< 0.30	< 0.27	< 0.31	< 0.30	3.14	---	< 0.49	---	< 0.56	0.85	1.2	1.7	---	4.81	< 0.76	28	---	< 0.47	5.26	< 0.47	< 0.33	2.2	---	3.53	< 0.31	---
(Replicate B)	14-Aug-2024	1	0.37	0.29	0.35	< 0.90	---	< 0.35	< 0.34	< 0.32	1.3	< 0.34	< 0.33	2.87	---	< 0.60	---	< 0.69	0.95	1.22	10.6	---	18	< 0.80	154	---	3.86	15.7	< 0.50	< 0.22	80.8	---	54.1	0.53	---
(Replicate C)	14-Aug-2024	1	0.4	< 0.17	0.46	< 0.71	---	< 0.27	< 0.28	< 0.27	1.4	< 0.29	< 0.27	3.02	---	< 0.37	---	< 0.42	0.65	1.12	1.94	---	5.68	< 0.58	26.4	---	0.67	5.25	< 0.36	< 0.19	2.44	---	3.21	< 0.18	---
	24-Sep-2025	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	87.2
Brook Trout (Muscle only) 3+	01-Feb-2012	1	51.5	3.32	14.5	---	114	< 6.0	< 6.0	< 6.0	111 #1	< 6.0	---	47.4	---	< 6.0	< 6.0	< 6.0	23.8 #1	36.4	30.7	---	84.5	14.7 #1	---	20.4	---	30.0	< 2.0	< 3.0	5.4	---	7.8 #1	< 3.0	89.3
Brook Trout (Skin Only) 3+	01-Feb-2012	1	34.0	1.60	6.82 #1	---	75.9	< 4.0	< 4.0	< 4.0	58.7 #1	< 4.0	---	23.0 #1	---	< 4.0	< 4.0	< 4.0	14.7	19.7	17.3	---	67.4	9.2 #1	---	15.4 #1	---	29.5	< 1.0	< 2.0	4.9	---	12.9	< 2.0	99.2
Brook Trout (Stomach) 1+	01-Sep-2012	4	17.5	12.2	16.5	---	37	< 7.0	< 7.0	< 7.0	83.8	< 7.0	---	118	---	< 7.0	< 6.0	< 7.0	49.6	33.3	28.2	---	91.8	< 4.0	---	47.2	---	29.4	< 1.0	< 3.0	4.2	---	11.5	< 2.0	71.7
Brook Trout (Stomach) 2+	01-Sep-2012	4	19.9 #1	26.6	36.4	---	< 20	< 10	< 20	< 20	94	< 10	---	202	---	< 20	< 10	< 10	< 10	47 #1	36.9	---	103	< 8.0	---	48.6 #1	---	30.2	< 3.0	< 6.0	< 3.0	---	12.3 #1	< 5.0	84.5
Brook Trout (Stomach) 3+ (Replicate A)	01-Sep-2012	1	17.3 #1	12.4	22.3 #1	---	71 #1	< 7.0	< 7.0	< 7.0	80.5	< 7.0	---	100	---	< 7.0	< 6.0	< 7.0	38.3	33.3 #1	33.7	---	88.5	10.6	---	40.5	---	25.2	< 1.0	< 3.0	4.0	---	6.8	< 2.0	66.6
(Replicate B)	01-Sep-2012	1	22.2	22.7 #1	29.0 #1	---	104 #1	< 10	< 10	< 10	116	< 10 #1	---	134 #1	---	< 10	< 10	< 10	41 #1	39.2	50.5	---	111	< 7.0	---	57.5	---	34.5	< 2.0	< 4.0	4.3 #1	---	12.9 #1	< 4.0	81.8
White Sucker 1+	01-Feb-2012	1	23.5	1.93	9.60	---	67.0	< 4.0	14.8	< 4.0	69.3	< 4.0	---	27.4	---	< 4.0	< 4.0	< 4.0	15.9	28.4	25.2	---	65.1	8.5	---	27.0	---	29.7	< 1.0	< 2.0	3.8	---	8.7	3.8 #1	108
	21-Sep-2014	2	0.206	0.18	0.268	0.224	---	< 0.188	< 0.165	< 0.17	0.542	< 0.167	< 0.161	1.02 #1	---	< 0.186	---	< 0.173	0.362 #1	0.751	0.74	---	1.51	0.113 #1	5.07	---	1.42	1.43	< 0.0579	< 0.0579	0.245	---	0.676	0.151 #1	---
White Sucker 2+	01-Feb-2012	1	23.0	2.19	8.69	---	73.4	< 5.0	15.4	< 4.0	80.0	< 5.0	---	28.3 #1	---	< 5.0	< 4.0	< 4.0	16.8 #1	25.8	19.8 #1	---	62.0	9.2 #1	---	17.8	---	14.2	< 0.90	< 2.0	1.84 #1	---	4.76	< 2.0	29.5
	22-Sep-2014	4	0.207	0.185	0.282	0.276 #1	---	< 0.154	0.201 #1	< 0.139	0.715	< 0.136	< 0.132	0.972	---	< 0.152	---	< 0.141	0.316 #1	0.886	1.02	---	2.09	0.141 #1	7.08	---	2.22	1.98	< 0.0573	< 0.0573	0.344	---	0.952	0.154 #1	---
White Sucker 3+	01-Feb-2012	1	85.4	4.4 #1	21.0	---	200	< 10	< 10	< 10	159	< 10	---	< 10	---	< 10	< 10	< 10	< 10	45.4	41.7	---	134	26.8	---	32.5	---	22.1 #1	< 3.0	< 5.0	< 3.0	---	9.4 #1	< 5.0	65.1
White Sucker 6+	01-Sep-2007	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	4	3.2	1.4	2.9	---	< 8.9	< 6.0	< 5.6	< 5.6	< 5.3	< 5.2	---	< 5.5	---	< 6.0	< 5.4	< 5.3	< 6.0	5.1	4.2	---	6.6	< 1.3	---	4.2	---	2.9	< 0.50	< 0.90	< 0.40	---	1.0	< 0.80	8.2
White Sucker 7+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	3.2	2.0	3.6	---	< 17	< 8.1	< 7.5	< 7.6	< 7.2	< 7.0	---	< 7.4	---	< 8.1	< 7.3	< 7.1	< 8.1	5.3	4.6	---	7.5	< 1.7	---	4.6	---	2.7	< 0.60	< 1.2	< 0.50	---	1.2	< 1.0	6.9
White Sucker 8+	01-Sep-2007	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	5	2.9	1.7	2.8	---	< 15	< 8.0	< 7.4	< 7.4	< 7.0	< 6.9	---	< 7.3	---	< 7.9	< 7.2	< 7.0	< 8.0	5.5	5.7	---	8.5	< 1.7	---	5.3	---	3.3	< 0.60	< 1.2	< 0.50	---	1.7	< 1.1	8.7
	11-Aug-2009	4	--- #2	< 41	< 39	---	--- #2	< 770	< 760	< 770	< 710	< 720	---	< 740	---	< 750	< 710	< 740	< 750	--- #2	--- #2	---	--- #2	--- #2	---	--- #2	---	--- #2	--- #2	--- #2	--- #2	---	--- #2	--- #2	--- #2
White Sucker 9+	01-Sep-2007	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	4	3.1	1.7	2.8	---	< 9.4	< 5.4	< 5.0	< 5.1	< 4.8	< 4.7	---	< 4.9	---	< 5.4	< 4.9	< 4.7	< 5.4	6.0	4.1	---	8.5	< 1.2	---	5.6	---	3.6	< 0.50	< 0.80	< 0.40	---	1.7	< 0.70	11
White Sucker 10+	11-Aug-2009	4	--- #2	< 30	< 29	---	--- #2	--- #2	--- #2	--- #2	--- #2	--- #2	---	--- #2	---	--- #2	--- #2	--- #2	--- #2	--- #2	--- #2	---	--- #2	--- #2	---	--- #2	---	--- #2	--- #2	--- #2	--- #2	---	--- #2	--- #2	--- #2
CRL-1	27-Jun-2012	---	34.7	26.7	40.4	---	142	< 30	< 20	< 20	205	< 20	---	179	< 20	---	< 20	< 20	88	158	124	306	---	< 30	---	260	---	180	< 20	< 20	< 10	43	---	< 20	473
CRL-2	27-Jun-2012	---	14.8	9.2	13.1	---	62	< 10	< 9.0	< 9.0	173	< 9.0	---	116	< 10	---	< 9.0	< 9.0	134	114	136	311	---	30	---	299	---	201	< 7.0	< 8.0	56.9	110	---	20.0	598
CRL-3	26-Jun-2012	---	25.0	14.7	24.2	---	131	< 10	< 10	< 10	170	< 10	---	136	< 10	---	< 10	< 10	81	118	97	266	---	< 20	---	289	---	180	< 10	< 10	30.6	46.6	---	17	468
CRL-FB2	27-Jun-2012	---	< 20	< 10	109	---	< 100	< 70	< 70	< 60	< 60	< 60	---	< 60	< 70	---	< 60	< 60	< 70	148	108	311	---	< 50	---	225	---	172	< 20	< 30	< 20	< 20	---	< 20	343
Forage Fish	04-Nov-2014	---	0.854	0.545	1.22 #1	0.877	---	< 0.385	< 0.316	< 0.319	1.21	< 0.327	< 0.315	4.47	---	< 0.333	---	< 0.328	0.51	1.24	1.12	---	2.67	0.491 #1	10.6	---	3.23	4.43	< 0.0682	< 0.0682	0.683	---	1.65	0.178 #1	---
Invertebrates	22-Aug-2014	---	1.72	1.22	3.22 #1	< 1.9	---	< 1.44	< 1.18	< 1.19	1.05 #1	< 1.22	< 1.18	21.2	---	< 1.25	---	< 1.23	1.49 #1	0.738 #1	1.39	---	2.02	< 0.317	21.8	---	2.55	4.02	< 0.295	< 0.295	1.3	---	4.08	< 0.295	---
Edith Lake																																			
Brook Trout 1+	11-Aug-2009	7	--- #2	< 13	< 12	---	--- #2	< 4.9	< 4.8	< 4.9	27.4	< 4.5	---	30.9	---	< 4.8	< 4.5	< 4.7	13.5	< 4.9	4.7	---	9.8	< 15	---	17.0	---	14.0	< 2.6	< 2.8	< 2.5	---	< 2.6	< 2.7	52.7
	01-Sep-2011	4	10.4	< 0.50	4.10	---	27.1	< 3.0	7.2 #1	< 3.0	42.4	< 3.0	---	20.7 #1	---	< 3.0	< 3.0	< 3.0	24.8	7.1 #1	13.3	---	29.4	< 3.0	---	8.66	---	9.5 #1	< 0.90	< 2.0	2.63	---	3.62	< 1.0	32.2
(Duplicate)	01-Sep-2011	4	9.29	< 0.60	3.83	---	33	< 9.0	< 9.0	< 8.0	39.2	< 8.0	---	21.0	---	< 9.0	< 8.0	< 8.0	17.3	< 5.0	18.4	---	35.8 #1	< 4.0	---	11.4	---	11.0 #1	< 2.0	< 3.0	< 2.0	---	9.1	< 2.0	49.4
	01-Sep-2012	3	5.09	4.61 #1	5.35	---	< 4.0	< 3.0	< 3.0	< 3.0	26.7 #1	< 3.0	---	48.0	---	< 3.0	< 3.0	< 3.0	10.5	7.5	9.7	---	25.6	< 2.0	---	11.6	---	12.2	< 0.60	< 1.0	3.14	---	6.79 #1	< 1.0	42.7

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 1 (ng/kg)	PCB 2 (ng/kg)	PCB 3 (ng/kg)	PCB 4 (ng/kg)	PCB 4/10 (ng/kg)	PCB 5 (ng/kg)	PCB 6 (ng/kg)	PCB 7 (ng/kg)	PCB 8 (ng/kg)	PCB 9 (ng/kg)	PCB 10 (ng/kg)	PCB 11 (ng/kg)	PCB 12 (ng/kg)	PCB 12/13 (ng/kg)	PCB 13 (ng/kg)	PCB 14 (ng/kg)	PCB 15 (ng/kg)	PCB 16 (ng/kg)	PCB 17 (ng/kg)	PCB 18 (ng/kg)	PCB 18/30 (ng/kg)	PCB 19 (ng/kg)	PCB 20/28 (ng/kg)	PCB 21/20/33 (ng/kg)	PCB 21/33 (ng/kg)	PCB 22 (ng/kg)	PCB 23 (ng/kg)	PCB 24 (ng/kg)	PCB 25 (ng/kg)	PCB 26 (ng/kg)	PCB 26/29 (ng/kg)	PCB 27 (ng/kg)	PCB 28 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - Continued																																			
	22-Sep-2015	3	0.441	0.385 #1	0.415	0.868	---	< 0.148	0.359	0.313 #1	1.69	0.275	< 0.136	8.3	---	0.276	---	0.197	1.23	2.33	10.2	---	18.8	1.07	87.6	---	1.58	16.7	< 0.175	0.285	8.48	---	17.6	1.62	---
	30-Aug-2016	2	0.341	0.271	0.447	0.333 #1	---	< 0.116	< 0.0998	< 0.102	0.477	< 0.101	< 0.106	3.84	---	< 0.104	---	< 0.101	0.345 #1	0.858	6.48	---	9.16	0.591	51.4	---	1.12	9.04	< 0.0548	0.147	4.47	---	7.08	0.861	---
	13-Sep-2017	3	0.557	0.315 #1	0.502	1.01	---	< 0.373	0.368 #1	< 0.348	2.14	< 0.342	< 0.364	9.03	---	0.361 #1	---	< 0.329	0.948	2.06	11.7	---	15.1	1.4	69	---	1.94	13.1	< 0.0728	0.131 #1	6.89	---	10.1	1.48	---
	30-Aug-2018	3	0.574	0.505	0.789	0.662 #1	---	< 0.346	< 0.315	< 0.322	1.3	< 0.304	< 0.315	2.6	---	---	---	< 0.318	0.546 #1	0.604	4.2	---	5.86	0.457 #1	31	---	0.511 #1	5.83	< 0.09	< 0.0488	2.59	---	4.46	0.517	---
	06-Sep-2019	4	0.532	0.329	0.891	0.387	---	< 0.092	0.218	0.231	0.84	0.13	< 0.0798	4.45	---	0.249	---	0.164	0.883	0.823	6.74	---	9.35	0.725	44.5	---	1.58	8.29	< 0.106	0.069	3.85	---	6.18	0.656	---
(Replicate B)	06-Sep-2019	4	0.377	0.245	1.15	0.373	---	< 0.109	0.154	0.165	0.714	< 0.0948	< 0.0952	3.92	---	0.187	---	< 0.0988	0.721	0.48	4.06	---	6	0.496	40.5	---	1.71	6.51	< 0.0877	0.066	3.12	---	5.42	0.391	---
	26-Aug-2020	7	0.401	0.227	0.663	< 0.891	---	< 0.564	< 0.522	< 0.539	0.553	< 0.504	< 0.511	2.47	---	< 0.553	---	< 0.536	< 0.669	0.565	3.45	---	5.32	0.427	32.6	---	0.859	5.6	< 0.0579	0.063 #1	2.77	---	4.53	0.392	---
	30-Sep-2021	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	14.8
	30-Sep-2021	8	< 0.11	< 0.14	< 0.13	< 0.85	---	< 0.68	< 0.55	< 0.56	1.30	< 0.58	< 0.55	4.20	---	< 0.68	---	< 0.72	< 0.75	< 0.35	1.60	---	3.37	< 0.24	14.8	---	1.48	2.57	< 0.38	< 0.24	1.00	---	1.89	< 0.23	---
	13-Oct-2022	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	11.8
	13-Oct-2022	2	< 0.62	< 0.93	< 0.92	< 3.1	---	< 3.1	< 2.4	< 2.4	< 2.0	< 2.7	< 2.3	18.0	---	< 3.6	---	< 3.7	< 4.7	< 1.7	< 1.5	---	3.6	< 1.1	11.8	---	< 1.4	< 1.6	< 1.4	< 1.2	< 1.3	---	< 1.5	< 1.2	---
	14-Sep-2023	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10.8
	14-Sep-2023	2	< 1.1	< 0.86	< 0.74	< 8.1	---	< 1.8	< 1.7	< 1.7	< 1.6	< 1.7	< 1.5	6.8	---	< 2.6	---	< 2.6	< 1.6	< 0.71	1.73	---	2.40	< 1.1	10.8	---	< 0.69	2.60	< 0.79	< 0.49	0.75	---	2.20	< 0.43	---
	15-Aug-2024	5	< 0.27	0.63	0.46	< 1.0	---	< 0.34	< 0.32	< 0.31	1.50	< 0.32	< 0.31	3.90	---	< 0.52	---	< 0.59	0.47	0.49	1.55	---	4.28	< 0.84	16.1	---	0.59	3.66	< 0.41	< 0.23	1.28	---	3.96	0.23	---
Brook Trout 2+	11-Aug-2009	4	--- #2	< 7.6	< 7.2	---	< 17	< 3.0	4.9 #1	< 3.0	19.7	< 2.8	---	19.0	---	< 2.9	< 2.7	< 2.9	8.4	< 3.6	4.3	---	11.7	< 8.1	---	9.6	---	9.6	< 1.9	< 2.0	< 1.8	---	3.2	< 2.0	39.7
	11-Aug-2010	5	2.49 #1	0.99	1.52	---	9.9	< 1.4	< 1.3	< 1.3	15.0	< 1.3	---	15.2	---	< 1.3	< 1.3	< 1.3	< 1.1	11.7	11.3	---	33.1	< 1.6	---	14.7	---	15.5	< 0.90	< 0.90	3.83	---	8.81	1.45	61.6
	01-Sep-2011	4	10.6	2.36 #1	4.22 #1	---	23.7	< 4.0	8.2	< 3.0	45.0	< 3.0	---	23.2	---	< 3.0	< 3.0	< 3.0	17.9	< 3.0	10.8 #1	---	47.5	5.1 #1	---	11.6	---	12.2	< 1.0	< 2.0	3.5	---	7.2	< 2.0	65.1
	01-Sep-2012	3	4.39 #1	5.04 #1	5.60	---	24.1 #1	< 3.0	< 3.0	< 3.0	23.3	< 3.0	---	33.7 #1	---	< 3.0	< 2.0	< 3.0	10.7	7.3	8.1	---	26.5	< 2.0	---	11.6	---	13.9	< 0.50	< 0.90	3.36	---	8.05	< 0.90	55.7
	01-Sep-2013	3	0.204	0.152	0.373	0.22	---	< 0.143	< 0.124	< 0.128	0.286	< 0.123	< 0.123	2.01	---	< 0.139	---	< 0.133	0.278	0.383	1.55	---	6.7	0.191	83.3	---	1.41	11.3	< 0.0767	0.088 #1	7.86	---	15.8	0.22	---
	21-Sep-2014	4	0.178	0.148	0.26	< 0.203	---	< 0.152	< 0.138	< 0.141	0.226 #1	< 0.136	< 0.133	0.937	---	< 0.153	---	< 0.142	0.285 #1	0.578 #1	1.25	---	5	0.235	17.1	---	0.333 #1	2.44	< 0.0574	0.075 #1	2.02	---	3.39	0.169 #1	---
(Replicate A)	21-Sep-2014	1	0.258	0.165	0.283	0.194 #1	---	< 0.099	0.097 #1	< 0.0922	0.322	< 0.0885	< 0.087	2.14	---	0.129 #1	---	0.109 #1	0.414 #1	1.12	2.43	---	8.9	0.509 #3	23.8	---	0.321 #1	4.34	< 0.0565	0.143	5.27	---	7.97	0.34	---
(Replicate B)	21-Sep-2014	1	0.184	0.165	0.286	< 0.169	---	< 0.128	< 0.116	0.121 #1	0.263 #1	< 0.115	< 0.112	1.04	---	< 0.129	---	< 0.12	0.212	0.575	0.976 #1	---	2.74	0.147 #1	6.36	---	0.225 #1	1.1	< 0.0579	< 0.0579	0.395	---	0.728	0.126	---
	22-Sep-2015	1	0.45	0.312	0.372	0.802	---	< 0.154	0.362	0.197	1.74	0.216 #1	< 0.142	7.78	---	0.259	---	0.208 #1	1.02	1.03 #1	1.38	---	3.84	0.228 #1	11.0	---	1.53	2.3	< 0.0877	0.093 #1	0.677	---	1.64	0.174 #1	---
	30-Aug-2016	2	0.392	0.302	0.522	0.282	---	< 0.13	0.137	< 0.115	0.453	< 0.114	< 0.119	3.19	---	< 0.117	---	< 0.114	0.323	0.424	1.14	---	4.24	0.198 #1	42.6	---	0.508	4.24	< 0.0563	< 0.0563	6.64	---	9.4	0.154	---
	13-Sep-2017	3	0.558	0.325	0.541	0.82	---	< 0.321	0.362 #1	< 0.3	2.04	< 0.294	< 0.313	8.13	---	< 0.285	---	< 0.283	0.812	0.9	1.04	---	2.23	0.256	6.34	---	1.3 #1	1.33	< 0.0605	< 0.059	0.423	---	0.913	0.162 #1	---
	30-Aug-2018	3	0.765	0.565	1.05	0.686 #1	---	< 0.252	0.403 #1	< 0.229	1.26	< 0.222	< 0.226	1.73	---	---	---	< 0.224	0.511	0.378 #1	0.718	---	1.71	0.285 #1	11.3	---	0.42 #1	1.66	< 0.0723	< 0.0474	0.808	---	1.5	0.09	---
(Replicate A)	06-Sep-2019	4	0.256	0.192	0.457	0.212	---	< 0.122	0.154	< 0.108	0.68	< 0.106	< 0.107	3.57	---	0.228	---	< 0.111	0.493	0.358	0.528	---	1.03	< 0.0577	6.81	---	0.705	1.33	< 0.0577	< 0.0577	0.341	---	0.797	0.1	---
(Replicate B)	06-Sep-2019	4	0.331	0.257	0.974	0.275	---	< 0.107	0.188	< 0.0944	0.786	0.102	< 0.0933	3.09	---	0.138	---	< 0.0968	0.583	0.469	0.748	---	1.76	0.157	11.7	---	0.969	1.89	< 0.0647	< 0.0567	2.5	---	3.21	0.123	---
	26-Aug-2020	2	0.404	0.226	0.801	< 0.846	---	< 0.523	< 0.484	< 0.499	0.524	< 0.467	< 0.474	2.36	---	< 0.513	---	< 0.496	< 0.608	0.336	0.763	---	1.65	0.122 #1	14.9	---	0.56	2.17	< 0.058	< 0.058	1.07	---	1.82	0.09	---
	30-Sep-2021	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8.24
	30-Sep-2021	10	0.25	< 0.15	0.18	< 0.86	---	< 0.62	< 0.50	< 0.51	< 0.42	< 0.53	< 0.50	4.99	---	< 0.56	---	< 0.59	< 0.56	< 0.30	0.60	---	1.61	< 0.22	8.24	---	0.62	1.02	< 0.18	< 0.20	1.27	---	1.55	< 0.20	---
	13-Oct-2022	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	43.8
	13-Oct-2022	8	< 0.10	< 0.13	< 0.12	< 0.79	---	< 0.63	< 0.50	< 0.51	< 0.43	< 0.54	< 0.51	4.40	---	< 0.62	---	< 0.66	1.10	0.58	2.90	---	6.58	0.98	43.8	---	1.30	3.90	< 0.29	< 0.22	7.12	---	7.87	0.55	---
	14-Sep-2023	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5.98
	14-Sep-2023	3	< 1.8	< 0.92	< 0.64	< 6.5	---	< 1.3	< 1.2	< 1.2	< 1.2	< 1.2	< 1.1	3.0	---	< 1.7	---	< 1.7	< 0.99	< 0.49	< 0.40	---	0.94	< 0.63	5.98	---	< 0.57	0.78	< 0.66	< 0.34	0.92	---	1.14	< 0.30	---
	15-Aug-2024	6	0.27	0.36	0.33	< 0.67	---	< 0.25	< 0.26	< 0.24	0.62	< 0.26	< 0.25	2.92	---	< 0.38	---	< 0.44	< 0.30	0.35	1.00	---	2.20	< 0.60	11.0	---	0.48	1.40	< 0.32	< 0.23	2.78	---	3.35	0.29	---
Brook Trout 3+	11-Aug-2010	3	2.30	0.91	1.71	---	< 2.2	< 1.5	< 1.4	< 1.4	17.3	< 1.4	---	15.1	---	< 1.5	< 1.4	< 1.4	6.0	9.9	10.4	---	34.3	< 1.4	---	19.8	---	19.0	< 0.90	< 0.90	5.23	---	12.7	< 0.90	87.9
	01-Sep-2011	3	11.8	< 0.50	5.61 #1	---	32.7	< 3.0	8.7 #1	< 3.0	42.4	< 3.0	---	23.3 #1	---	< 3.0	< 3.0	< 3.0	21.7	< 4.0	16.9 #1	---	42.9	< 4.0	---	15.7	---	15.6 #1	< 2.0	< 3.0	4.7 #1	---	9.6	< 2.0	70.6 #1
	01-Sep-2012	5	4.20 #1	3.58	4.25 #1	---	< 4.0	< 3.0	< 3.0	< 3.0	27.4 #1	< 3.0	---	29.3	---	< 3.0	< 2.0	< 3.0	10.9 #1	7.6 #1	9.6	---	21.4	< 2.0	---	10.4	---	13.9	< 0.50	< 1.0	4.22 #1	---	9.46 #1	< 1.0	56.3
(Replicate A)	01-Sep-2013	3	0.193	0.204	0.36	0.226	---	< 0.153	< 0.133	< 0.137	0.219 #1	< 0.132	< 0.132	3.19	---	< 0.15	---	< 0.142	0.185	0.492	1.86	---	7.01	0.167	73.6	---	1.17	9.01	< 0.0814	0.132	7.06	---	15	0.187	---
(Replicate B)	01-Sep-2013	3	0.203	0.16	0.41	0.172	---	< 0.146	< 0.126	< 0.13	0.253	< 0.125	< 0.125	3.09	---	< 0.142	---	< 0.135	0.268	0.416	1.33	---	7.51	0.208	66.3	---	0.927	8.2	< 0.0648	0.139	6.67	---	15.7	0.171	---
(Duplicate)	01-Sep-2013	3	0.345	0.185	0.636	0.411	---	< 0.0942	< 0.0815	< 0.0841	0.259	< 0.0812	< 0.081	3.12 #1	---	< 0.0918	---	< 0.0874	0.382	0.494	1.78	---	6.08	0.44	65.4	---	0.846	7.73	0.139	0.104	6.1	---	13	0.175	---
(Known (External Reference Material) Duplicate)	01-Sep-2013	3	24.8	6.0 #1	12.5 #1	---	< 50	< 30	< 30	< 30	< 20	< 30	---	< 30	< 30	< 30	< 30	< 30	< 30	19.9	20.1	---	61.3	< 6.0	---	19.0	---	17.7	< 2.0	< 3.0	10.0	---	19.1	< 3.0	97.6
	21-Sep-2014	4	0.239 #1	0.199	0.264	0.234	---	< 0.162	0.177 #1	< 0.146	0.425	< 0.143	< 0.138	1.47	---	< 0.159	---	< 0.149	0.301 #1	0.576 #1	1.3	---	4.31	0.258 #3	39.7	---	0.742	5.59	< 0.0779	0.102 #1	4.69	---	7.52	0.16 #1	---
(Replicate A)	21-Sep-2014	1	0.32	0.224	0.41	0.301 #1	---	< 0.106	0.166	0.129 #1	0.513	0.157 #1	< 0.0908	2.18	---	0.113 #1	---	0.12 #1	0.607	1.08	3.69	---	12	1.02 #3	66.1	---	0.753 #1	14.6	< 0.0692	0.192	23	---	24.7	0.524	---
(Replicate B)	21-Sep-2014	1	0.203 #1	0.19	0.313	< 0.262	---	< 0.216	< 0.189	< 0.194	0.299 #1	< 0.191	< 0.185	0.795	---	< 0.213	---	< 0.198	0.229 #1	0.125 #1	0.267	---	0.618	< 0.0915	9.77	---	0.228	0.976	< 0.0726	< 0.0626	0.631	---	0.916	< 0.0574	---
	22-Sep-2015	3	0.42	0.334	0.496 #1	0.728	---	< 0.213	0.343 #1	< 0.197	1.82	0.217 #1	< 0.193	8.18	---	0.266 #1	---	0.254	1.26	1.22	1.83	---	7.8	0.389	40	---	1.9	6.42	< 0.057	0.162	4.71	---	9.2	0.377	---
(Duplicate)	22-Sep-2015	3	0.564	0.378	0.507	0.886	---	< 0.225	0.436	0.214 #1	2.02	0.215 #1	< 0.203	8.21	---	0.277	---	< 0.199	1.31	1.43	1.9	---	7.65	0.418	39.5	---	2.10	6.41	< 0.0814	0.135 #1	4.53	---	8.79	0.337 #1	---
	30-Aug-2016	1	0.629	1.36	2.12	0.301 #1	---	< 0.114	0.166 #1	< 0.1	0.524	< 0.0992	< 0.104	3.6 #1	---	0.308	---	< 0.0996	0.44	0.497	1.29	---	5.59	0.177 #1	37	---	0.502	4.23	< 0.0576	0.061 #1	5.32	---	9.23	0.164 #1	---
	13-Sep-2017	3	0.545	0.314	0.532 #1	0.862 #1	---	< 0.467	< 0.427	< 0.436	2.06	< 0.429	< 0.456	7.46	---	< 0.415	---	< 0.412	0.82	0.952	1.1	---	2.97	0.228	12.3	---	1.35	2.08	< 0.0599	0.061	0.961	---	2.02	0.139	---
(Duplicate)	13-Sep-2017	3	0.683	0.292	0.481	0.766	---	< 0.316	0.373	< 0.295	1.92	< 0.29	< 0.308	4.93	---	< 0.281	---	< 0.278	0.567	0.713 #1	1.05	---	2.59	0.275	10.7	---	0.998	1.75	< 0.0816	< 0.0705	0.882	---	1.72	0.147 #1	---

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 1 (ng/kg)	PCB 2 (ng/kg)	PCB 3 (ng/kg)	PCB 4 (ng/kg)	PCB 4/10 (ng/kg)	PCB 5 (ng/kg)	PCB 6 (ng/kg)	PCB 7 (ng/kg)	PCB 8 (ng/kg)	PCB 9 (ng/kg)	PCB 10 (ng/kg)	PCB 11 (ng/kg)	PCB 12 (ng/kg)	PCB 12/13 (ng/kg)	PCB 13 (ng/kg)	PCB 14 (ng/kg)	PCB 15 (ng/kg)	PCB 16 (ng/kg)	PCB 17 (ng/kg)	PCB 18 (ng/kg)	PCB 18/30 (ng/kg)	PCB 19 (ng/kg)	PCB 20/28 (ng/kg)	PCB 21/20/33 (ng/kg)	PCB 21/33 (ng/kg)	PCB 22 (ng/kg)	PCB 23 (ng/kg)	PCB 24 (ng/kg)	PCB 25 (ng/kg)	PCB 26 (ng/kg)	PCB 26/29 (ng/kg)	PCB 27 (ng/kg)	PCB 28 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - Continued																																			
	30-Aug-2018	3	0.719	0.591	0.761	0.623 #1	---	< 0.359	< 0.317	< 0.326	1.35	< 0.316	< 0.321	2.15 #1	---	0.465 #1	---	< 0.318	0.446	0.501	0.964	---	2.65	0.227 #1	9.64	---	0.448	1.69	< 0.0982	< 0.0491	0.967	---	2.02	0.088 #1	---
	06-Sep-2019	4	0.986	0.141	1.65	0.904	---	< 0.136	0.248	< 0.127	1.46	< 0.121	< 0.124	4.99	---	0.177	---	0.193	1.13	0.616	0.967	---	2.73	0.56	13.3	---	1.25	2.53	0.208	< 0.0497	0.847	---	1.8	0.118	---
(Duplicate)	06-Sep-2019	4	0.336	0.256	0.504	0.333	---	< 0.0936	0.197	< 0.0838	0.772	< 0.081	< 0.0811	5.53	---	0.271	---	0.145	0.774	0.581	0.963	---	2.63	0.176	14.1	---	1.03	2.6	< 0.0575	< 0.0575	0.923	---	1.74	0.116	---
	26-Aug-2020	5	0.448	0.268	0.704	< 0.803	---	< 0.485	< 0.449	< 0.463	0.565	< 0.433	< 0.44	2.86	---	< 0.476	---	< 0.461	< 0.561	0.434	0.633	---	1.67	0.129	10.6	---	0.53	1.57	< 0.0573	< 0.0573	2.05	---	2.63	0.09	---
(Duplicate)	26-Aug-2020	5	0.447	0.309	0.839	< 0.834	---	< 0.483	< 0.448	< 0.461	0.55	< 0.432	< 0.438	2.36	---	< 0.474	---	< 0.459	< 0.547	0.239	0.609	---	1.35	0.111	12.5	---	0.603	1.97	< 0.058	< 0.058	0.904	---	1.52	< 0.058	---
	30-Sep-2021	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	12.4
	30-Sep-2021	3	< 0.24 #4	< 0.36 #4	< 0.35 #4	< 1.3 #4	---	< 1.2 #4	< 0.90 #4	< 0.91 #4	< 0.74 #4	< 1.0 #4	< 0.86 #4	< 1.4 #4	---	< 1.3 #4	---	< 1.3 #4	< 1.5 #4	< 0.57 #4	0.93 #4	---	2.26 #4	< 0.56 #4	12.4 #4	---	< 0.96 #4	1.5 #4	< 1.0 #4	< 0.41 #4	< 0.91 #4	---	2.1 #4	< 0.40 #4	---
	13-Oct-2022	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	11.6
	13-Oct-2022	8	< 0.24	< 0.28	0.32	< 1.3	---	< 0.84	< 0.67	< 0.68	< 0.57	< 0.72	< 0.67	3.0	---	< 0.98	---	< 1.0	< 0.95	0.65	0.66	---	2.13	< 0.39	11.6	---	1.26	1.40	< 0.34	< 0.23	2.31	---	2.67	< 0.23	---
	14-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	11.1
	14-Sep-2023	5	< 0.56	< 0.49	< 0.46	< 4.9	---	< 1.8	< 1.7	< 1.8	< 1.7	< 1.7	< 1.5	5.7	---	< 2.1	---	< 2.2	< 1.5	< 0.97	1.10	---	2.41	< 0.99	11.1	---	< 1.1	1.5	< 1.3	< 0.68	3.0	---	3.4	< 0.59	---
(Duplicate)	14-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 13
(Duplicate)	14-Sep-2023	5	< 0.86	< 0.64	< 0.54	< 5.5	---	< 1.8	< 1.7	< 1.7	< 1.6	< 1.7	< 1.5	6.4	---	< 2.4	---	< 2.5	< 1.6	< 1.1	1.30	---	2.60	< 1.1	13.0	---	< 0.93	2.2	< 1.1	< 0.78	3.08	---	2.90	< 0.68	---
	15-Aug-2024	2	0.46	0.48	0.52	< 1.5	---	< 0.51	< 0.53	< 0.50	< 0.49	< 0.54	< 0.51	3.60	---	< 0.77	---	< 0.87	< 0.59	< 0.49	0.62	---	2.11	< 0.97	10.7	---	< 0.50	1.02	< 0.51	< 0.35	3.51	---	3.52	< 0.34	---
Brook Trout 4+	04-Oct-2006	5	--- #2	--- #2	--- #2	---	< 7.8	< 2.2	< 2.0	< 2.1	< 2.0	< 2.0	---	< 2.0	---	< 2.1	< 1.9	< 1.9	< 2.4	11	13	---	58	3.3 #3	---	24	---	39	< 0.10	< 0.20	5.9	---	21	1.2	250
	01-Sep-2011	2	9.17	< 0.50	4.48	---	28.8 #1	< 3.0	10.6 #1	< 3.0	39.8	5.5 #1	---	29.7 #1	---	< 3.0	< 3.0	< 3.0	18.5	6.6 #1	15.1 #1	---	54.0	6.4	---	14.1 #1	---	28.4	< 1.0	< 2.0	8.1	---	19.9	< 2.0	158
	01-Sep-2013	2	0.176	0.162	0.346	0.206	---	< 0.0959	< 0.083	< 0.0856	0.217	< 0.0826	< 0.0825	2.08	---	< 0.0935	---	< 0.0889	0.305	0.585	2.5	---	11.2	0.309 #1	103	---	1.05	15.8	< 0.0967	0.215	8.5	---	19	0.337	---
	21-Sep-2014	1	0.288	0.247	0.315	0.345 #1	---	< 0.12	0.161 #1	< 0.109	0.509	< 0.107	< 0.103	2.63	---	0.147 #1	---	< 0.111	0.335	0.783 #1	1.82	---	6.87	0.336	69	---	0.992	8.52	< 0.0556	0.118	6.09	---	11.8	0.185	---
(Replicate B)	22-Sep-2015	1	0.547	0.35	0.511	0.746	---	< 0.266	0.355	< 0.245	1.75	< 0.234	< 0.24	6.9	---	< 0.243	---	< 0.235	1.04	1.2	1.79	---	9.01	0.45	67.4	---	1.71	8.84	< 0.0764	0.184	7.64	---	14.0	0.333	---
(Replicate A)	23-Sep-2015	1	0.451	0.311	0.403	0.815	---	< 0.15	0.343	0.177	1.56	0.189 #1	< 0.136	7.6	---	0.212 #1	---	< 0.135	0.935	0.944	1.36	---	12.6	0.548	81.9	---	1.79	10.5	< 0.0566	0.167	16.2	---	30.6	0.323	---
	30-Aug-2016	1	0.412	0.335 #1	0.467	0.409 #1	---	< 0.118	< 0.102	< 0.104	0.455	< 0.103	< 0.108	3.41	---	< 0.106	---	< 0.103	0.322	0.457	1.61	---	5.87	0.297	35.3	---	0.498	4.35	< 0.057	0.097	5.45	---	9.8	0.183	---
	13-Sep-2017	1	0.592	0.279 #1	0.395	0.708	---	< 0.313	0.461	< 0.293	1.91	< 0.287	< 0.306	4.86	---	< 0.278	---	< 0.276	0.562	0.756 #1	1.2	---	3.5	0.304 #1	16	---	1.02	2.5	< 0.0578	< 0.0578	2.17	---	3.87	0.157	---
	30-Aug-2018	1	0.67	0.583	0.823	0.556	---	< 0.308	< 0.272	< 0.28	1.24	< 0.271	< 0.275	1.79	---	0.545 #1	---	< 0.273	0.566	0.529 #1	0.857	---	2.47	0.201	9.57	---	0.401 #1	1.52	< 0.0621	< 0.0479	0.822	---	1.64	0.112 #1	---
	26-Aug-2020	2	0.499	0.278	0.836	< 1.06	---	< 0.595	< 0.551	< 0.568	0.598	< 0.532	< 0.539	2.77	---	< 0.584	---	< 0.565	< 0.659	0.427	0.79	---	2.19	0.184 #1	12.7	---	0.569	1.81	< 0.0581	< 0.0576	2.56	---	3.55	0.099 #1	---
	14-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	< 10
	14-Sep-2023	5	< 1.0	< 0.78	1.20	< 8.4	---	< 2.3	< 2.2	< 2.2	< 2.1	< 2.1	< 1.9	5.4	---	< 2.6	---	< 2.6	< 1.6	< 0.68	0.79	---	1.65	< 0.96	10.0	---	0.68	1.89	< 0.68	< 0.47	1.30	---	1.55	< 0.42	---
	15-Aug-2024	1	0.32	0.27	0.25	< 0.65	---	< 0.24	< 0.25	< 0.24	0.68	< 0.25	< 0.24	2.59	---	< 0.37	---	< 0.43	0.63	< 0.33	0.87	---	2.62	< 0.61	11.8	---	0.54	1.59	< 0.41	< 0.24	4.25	---	4.20	< 0.23	---
Brook Trout 5+	04-Oct-2006	4	--- #2	< 21	< 20	---	< 8.0	< 2.2	< 2.1	< 2.1	11	3.7 #1	---	< 2.0	---	< 2.1	< 1.9	< 1.9	< 2.4	11	10	---	41	2.8	---	21	---	18	< 0.10	< 0.20	1.6	---	6.2	< 0.20	86
	01-Sep-2011	2	8.99	< 0.50	3.97	---	25.4 #1	< 3.0	9.0 #1	< 3.0	47.0	< 3.0	---	27.9	---	< 3.0	< 3.0	< 3.0	21.9	9.7 #1	10.1	---	40.7	< 3.0	---	13.6	---	12.9	< 1.0	< 2.0	4.5	---	9.4 #1	< 2.0	68.8
	01-Sep-2013	1	6.72	1.15	3.98	10.2	---	0.506	5.39	1.17	14.5	1.48	0.55	2.68	---	1.57	---	< 0.23	4.02	4.61	7.97	---	19.2	2.27	77.4	---	4.62	13.9	< 0.206	0.298 #1	8.96	---	18.1	1.08	---
	21-Sep-2014	1	0.203 #1	0.189 #1	0.297	0.249 #1	---	< 0.157	< 0.138	< 0.142	0.292	< 0.139	< 0.135	1.46	---	< 0.155	---	< 0.145	0.32 #1	0.282	0.667	---	2.07	0.098	21.9	---	0.489 #1	2.73	< 0.0655	0.066 #1	1.43	---	2.87	0.072	---
	30-Aug-2016	1	0.388	0.315 #1	0.504	0.389	---	< 0.162	< 0.146	< 0.148	0.517 #1	< 0.148	< 0.151	3.09	---	< 0.151	---	< 0.146	0.292	0.359 #1	1.61	---	6.88	0.295	85.2	---	0.622	8.06	< 0.0747	0.091 #1	9.35	---	16.6	0.124 #1	---
(Duplicate)	30-Aug-2016	1	0.339 #1	0.258	0.506 #1	0.356 #1	---	< 0.161	< 0.144	< 0.147	0.529	< 0.147	< 0.15	3.44	---	< 0.149	---	< 0.144	0.235	0.371	1.5	---	6.75	0.324	85.9	---	0.47	8.11	< 0.0555	0.11 #1	9.22	---	16.4	0.132	---
	30-Sep-2021	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15.1
	30-Sep-2021	1	0.37	< 0.14	0.38	< 0.79	---	< 0.62	< 0.50	0.97	2.33	< 0.53	< 0.50	18.1	---	< 0.58	---	< 0.61	< 0.62	0.77	1.00	---	3.91	0.37	15.1	---	2.44	2.39	< 0.22	< 0.21	1.74	---	2.39	< 0.21	---
	15-Aug-2024	1	0.40	0.42	0.32	< 0.76	---	< 0.28	< 0.29	< 0.28	1.10	< 0.29	< 0.28	2.95	---	< 0.45	---	< 0.52	0.46	< 0.31	1.07	---	4.14	< 0.60	24.8	---	< 0.33	2.70	< 0.34	< 0.22	7.66	---	7.95	< 0.21	---
Brook Trout 6+	14-Sep-2023	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	13.0
	14-Sep-2023	3	< 0.21	0.69	1.68	< 1.9	---	< 0.71	< 0.68	< 0.71	2.00	< 0.67	< 0.61	3.60	---	< 0.74	---	< 0.74	< 0.53	0.44	0.78	---	2.50	< 0.29	13.0	---	0.53	2.05	< 0.42	< 0.30	2.11	---	2.45	< 0.26	---
Brook Trout 11+	01-Sep-2007	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	2	1.6	1.6	2.4	---	< 9.0	< 5.4	< 5.0	< 5.0	< 4.8	< 4.7	---	< 4.9	---	< 5.4	< 4.8	< 4.7	< 5.4	5.6	4.3	---	9.9	< 1.6	---	5.9	---	5.2	< 0.70	< 1.1	1.5	---	4.9	< 1.0	35
Brook Trout 12+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	2.4	1.5	2.5	---	< 9.9	< 6.1	< 5.6	< 5.7	< 5.4	< 5.3	---	< 5.6	---	< 6.1	< 5.5	< 5.3	< 6.1	3.6	3.3	---	6.9	< 1.3	---	2.0 #1	---	3.8	< 0.60	< 0.90	0.94	---	2.6	< 0.80	21
Brook Trout Unknown	23-Jul-2008	2	0.76	0.53	0.97	---	2.1	< 0.70	0.74	< 0.60	4.1	< 0.60	---	8.1	---	< 0.60	< 0.60	< 0.60	2.6	2.5	5.9	---	15	0.84	---	3.5	---	6.1	< 0.30	< 0.30	2.3	---	5.6	0.51	30
(Replicate A)	23-Jul-2008	2	9.0	< 2.0	< 2.3	---	< 17	< 2.0	< 1.9	< 2.0	4.4	< 1.8	---	13	---	< 2.0	< 1.9	< 1.8	4.4	11	17	---	6.9	< 4.3	---	3.8	---	6.2	< 0.50	< 2.7	1.9	---	4.1	3.5	27
(Replicate B)	23-Jul-2008	2	3.7	3.0	3.5	---	4.1	< 1.3	< 1.2	< 1.3	6.5	< 1.1	---	9.3	---	< 1.2	< 1.2	< 1.2	2.9	2.8	4.2	---	14	1.2	---	4.5	---	6.0	< 0.50	< 0.40	1.6	---	4.2	0.48	34
(Replicate C)	23-Jul-2008	2	6.7	3.5	7.1	---	9.3	< 1.5	1.5	< 1.4	6.2	< 1.3	---	9.6	---	< 1.4	< 1.3	< 1.3	3.0	2.7	6.7	---	18	1.8	---	4.0	---	7.5	< 0.60	< 0.60	2.0	---	4.8	0.81	41
Brook Trout (Stomach) 1+	01-Sep-2012	3	18.5 #1	13.3 #1	20.9	---	57 #1	< 9.0	< 9.0	< 9.0	55.7	< 9.0	---	78.2 #1	---	< 9.0	< 8.0	< 9.0	24.5	32.5	26.9 #1	---	75.8	14.0 #1	---	34.7	---	20.0	< 2.0	< 3.0	< 2.0	---	7.7 #1	< 3.0	44.3
Brook Trout (Stomach) 2+	01-Sep-2012	3	1.91 #1	1.84 #1	2.11 #1	---	< 1.0	< 0.90	< 0.90	< 0.90	6.96 #1	< 0.90	---	8.62	---	< 0.90	< 0.80	< 0.90	2.69 #1	3.54	2.73 #1	---	8.55	< 0.50	---	4.17	---	2.83	< 0.20	< 0.30	< 0.20	---	1.04 #1	< 0.30	5.48
Brook Trout (Stomach) 3+	01-Sep-2012	5	5.41	1.68	2.93 #1	---	26.8	< 0.60	7.52	< 0.70	24.9	3.24	---	13.9	---	< 0.70	4.17 #1	< 0.60	37.4	41.9	56.3	---	273	18.4	---	137	---	141	< 0.20	3.83	82.2	---	167	12.4	725

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 1 (ng/kg)	PCB 2 (ng/kg)	PCB 3 (ng/kg)	PCB 4 (ng/kg)	PCB 4/10 (ng/kg)	PCB 5 (ng/kg)	PCB 6 (ng/kg)	PCB 7 (ng/kg)	PCB 8 (ng/kg)	PCB 9 (ng/kg)	PCB 10 (ng/kg)	PCB 11 (ng/kg)	PCB 12 (ng/kg)	PCB 12/13 (ng/kg)	PCB 13 (ng/kg)	PCB 14 (ng/kg)	PCB 15 (ng/kg)	PCB 16 (ng/kg)	PCB 17 (ng/kg)	PCB 18 (ng/kg)	PCB 18/30 (ng/kg)	PCB 19 (ng/kg)	PCB 20/28 (ng/kg)	PCB 21/20/33 (ng/kg)	PCB 21/33 (ng/kg)	PCB 22 (ng/kg)	PCB 23 (ng/kg)	PCB 24 (ng/kg)	PCB 25 (ng/kg)	PCB 26 (ng/kg)	PCB 26/29 (ng/kg)	PCB 27 (ng/kg)	PCB 28 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - Continued																																			
(Re-analysis)	01-Sep-2012	5	16.6	3.66	8.14	---	81.6	< 2.0	20.2	< 2.0	109	8.2	---	90.3	---	< 2.0	8.7	< 2.0	101	90.2	110	---	519	36.3	---	315	---	303	< 1.0	5.5	139	---	271	22.0	1520
Certified Reference Materials																																			
CRM 918-050	23-Jul-2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
WMF-01-CRM	04-Oct-2006	---	--- [#2]	--- [#2]	--- [#2]	---	120	< 2.9	30	< 2.7	200	< 2.6	---	210	---	< 2.7	< 2.5	< 2.5	44	190	350	---	970	41	---	640	---	550	< 0.20	< 0.40	300	---	730	61	4400
	11-Sep-2007	---	46	16	83	---	94	< 12	69	< 11	350	< 10	---	290	---	< 12	< 11	< 10	110	370	520	---	920	70	---	850	---	640	< 3.1	21	330	---	800	110	4400
	23-Jul-2008	---	39	15	62	---	93	< 3.8	49	5.3	330	9.4	---	180	---	< 3.6	5.9	< 3.4	120	340	490	---	1600	68	---	900	---	740	3.5	13	390	---	1100	97	5600
	11-Aug-2009	---	< 50 [#2]	< 110	110 [#1]	---	< 1000	< 73	< 72	< 73	459	< 68	---	307	---	< 72	< 67	< 71	146 [#1]	273	415	---	1260	< 62	---	888	---	720	< 38	< 40	365	---	1010	84	5560
	11-Aug-2010	---	49.0	12.0	48.7 [#1]	---	223	< 4.4	103	27.0	603	37.6	---	333	---	< 4.2	< 4.0	< 4.0	125	325	421	---	1220	96.8	---	1120	---	872	< 3.3	16.8	485	---	1220	75.5	6570
	01-Sep-2011	---	81.7	22.9	113	---	173	< 7.0	116 [#1]	27.1	585	36.0	---	600	---	< 6.0	< 6.0	< 6.0	186	357	528	---	1780	83	---	1070	---	863	< 4.0	24.8	441	---	1060	125	6090
	01-Sep-2012	---	49.8	20.9	73.8	---	103 [#1]	< 9.0	64.7 [#1]	< 9.0	297	< 9.0	---	284 [#1]	---	< 9.0	< 8.0	< 9.0	132	255	298	---	1000	56.4	---	814	---	648	< 2.0	12.3 [#1]	361	---	850	67.6	4740
NIST SRM 1946	11-Oct-2013	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	270	---	1540	---	---	---	---	---	---	---	---	---	---
	31-Aug-2016	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	283	---	1650	---	---	---	---	---	---	---	---	---	---
	03-Nov-2018	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	258	---	1490	---	---	---	---	---	---	---	---	---	---
EDF-2524	15-Oct-2014	----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	77.3	---	211	---	---	---	---	---	---	---	---	---	---
CRM EDF2524	23-Sep-2015	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	79.3	---	240	---	---	---	---	---	---	---	---	---	---
CRM EDF-5462	13-Oct-2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	434
	13-Oct-2022	---	83.5	< 1.3	63.1	82.8	---	< 6.2	< 4.9	< 5.0	77.7	90.2	73.7	94.0	---	63.3	---	< 5.9	71.1	6.3	5.1	---	50.1	46.0	434	---	53.0	11.0	< 2.4	< 2.5	< 2.2	---	5.7	< 2.4	---
	15-Nov-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	319
	15-Nov-2023	---	74.0	< 3.9	81.7	140	---	< 20	< 19	< 20	115	106	81	106	---	62	---	< 29	80	< 10	< 8.9	---	29.0	57	319	---	33.0	< 11	< 11	< 7.5	< 9.0	---	< 9.4	< 6.6	---
	29-Oct-2024	---	33.6	< 2.2	6.2	241	---	< 2.5	44.2	< 2.5	169	< 2.7	15.0	190	---	19.6	---	< 4.7	153	92.5	329	---	358	164	1240	---	232	233	< 4.2	3.1	214	---	319	118	---

NOTES:

< X
X

1. --- in guideline row(s) denotes no criteria for that parameter.
2. --- in detail data row(s) denotes parameter not analyzed.
3. Highlighting indicates parameters above applied guideline/criteria.
4. Highlighting indicates parameters above applied guideline/criteria.
5. Highlighting indicates non-detect parameters above applied guideline/criteria.
6. Highlighting indicates parameters at applied guideline/criteria.
7. Denotes values exceeding
   (Canadian Food Inspection Agency (CFIA), 2009. Fish Product Standards and Methods Manual. Appendix 3: Canadian Guidelines for Chemical Contaminants and Toxins in Fish and Fish Products.)
8. Superscript [#1] - EMPC
9. Superscript [#2] - RRR
10. Superscript [#3] - lock mass intereference (lab qualifier originally G)
11. Superscript [#4] - Labeled recoveries above method limits. Data is calculated by isotope dilution. Minimal impact to data quality.
12. Superscript [#5] - The recoveries of certain surrogates are outside method criteria. Native results, calculated via isotope dilution, are not expected to be biased.

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 29 (ng/kg)	PCB 30 (ng/kg)	PCB 31 (ng/kg)	PCB 32 (ng/kg)	PCB 34 (ng/kg)	PCB 35 (ng/kg)	PCB 36 (ng/kg)	PCB 37 (ng/kg)	PCB 38 (ng/kg)	PCB 39 (ng/kg)	PCB 40/68 (ng/kg)	PCB 41 (ng/kg)	PCB 41/71/40 (ng/kg)	PCB 42 (ng/kg)	PCB 42/59 (ng/kg)	PCB 43 (ng/kg)	PCB 43/52 (ng/kg)	PCB 44 (ng/kg)	PCB 44/47/65 (ng/kg)	PCB 45 (ng/kg)	PCB 45/51 (ng/kg)	PCB 46 (ng/kg)	PCB 47 (ng/kg)	PCB 48 (ug/kg)	PCB 48/49 (ng/kg)	PCB 49/69 (ng/kg)	PCB 50 (ng/kg)	PCB 50/53 (ng/kg)	PCB 51 (ng/kg)	PCB 52 (ng/kg)	PCB 53 (ng/kg)	PCB 54 (ng/kg)	PCB 55 (ng/kg)	PCB 56 (ng/kg)	PCB 57 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hatchery																																						
Brook Trout 0+	04-Oct-2006	10	< 0.10	< 0.10	63	11	< 0.10	< 0.10	< 0.10	7.7	< 0.10	< 0.10	3.1	9.4	---	---	16	---	260	---	150	---	16	< 0.30	60	---	170	---	---	< 0.20	5.9	---	20	< 0.20	< 0.10	27	< 0.10
	11-Sep-2007	10	< 0.60	< 0.90	25	7.5	< 0.60	< 0.50	< 0.50	3.5	< 0.60	0.95	4.0	2.1 [#1]	---	---	30	---	170	---	76	---	9.1	3.2	54	---	120	---	---	< 1.4	8.2	---	16	< 1.3	< 0.60	16	< 0.50
	23-Jul-2008	10	< 1.4	< 1.8	82	16	< 1.4	< 1.3	< 1.3	4.0	< 1.3	2.0	3.8	1.8	---	---	23	---	190	---	81	---	3.0	2.6	42	---	110	---	---	< 1.1	5.3	---	11	< 1.0	< 0.40	9.6	< 0.40
(Duplicate)	23-Jul-2008	10	< 1.3	< 1.7	76	14	< 1.3	< 1.2	< 1.1	3.8	< 1.2	2.6	4.9	2.1	---	---	27	---	230	---	93	---	4.8	2.9	51	---	120	---	---	< 1.2	6.2	---	13	< 1.1	< 0.50	11	< 0.40
	11-Aug-2009	10	< 25	< 29	353	< 26	< 26	< 18	< 18	< 17	< 18	< 16	< 3.6	< 11	---	---	< 7.5	---	161	---	59	---	< 10	< 11	40.8	---	75.6	---	---	< 19	< 9.0	---	< 9.0	< 14	< 4.4	6.9 [#1]	< 5.5
	11-Aug-2010	10	< 0.90	< 1.0	39.7	9.68	< 1.0	< 0.60	< 0.60	8.77	< 0.60	< 0.60	4.89	5.0	---	---	22.7	---	22.4	---	77.9	---	11.3	6.0	34.9	---	81.4	---	---	< 1.0	5.0	---	13.1	< 1.5	< 0.50	15.6	< 0.50
	01-Sep-2011	10	< 1.0	< 2.0	43.0	10.6 [#1]	< 1.0	< 1.0	< 1.0	7.97	< 1.0	< 1.0	6.04 [#1]	< 2.0	---	---	18.5	---	228	---	84.2	---	10.1	< 2.0	70.1	---	140	---	---	< 2.0	9.2	---	18.3	< 1.0	< 1.0	30.9	< 1.0
	01-Sep-2012	10	< 0.40	< 0.90	46.2	13.0	< 0.50	< 0.50	< 0.40	6.67	< 0.50	< 0.40	6.07	3.1	---	---	38.7	---	236	---	103	---	9.8	4.9	85.5	---	161	---	---	< 1.0	13.9 [#1]	---	19.6	< 1.0	< 0.40	21.3	< 0.40
	01-Sep-2013	10	---	---	52	10.2	0.637	< 0.104	< 0.0901	6.75	0.297	0.874	---	---	58.2	46.8	---	5.86	---	---	199	---	25.1	6.25	---	0.024	---	156	---	23.8	---	245	---	0.455	2.27	66.7	1.13
	21-Sep-2014	12	---	---	38.8	7.13	0.44	0.121 [#1]	0.167 [#1]	2.31	0.078 [#1]	0.549	---	---	25.3	21.5	---	3.28	---	---	106	---	13.1	2.77	---	0.0109	---	81.1	---	12.7	---	156	---	0.177 [#1]	< 0.161	16.2	0.63
	22-Sep-2015	11	---	---	46.8	12.8	0.644	0.102	< 0.0604	5.07	0.373	0.916	---	---	52.0	48.7	---	5.09	---	---	214	---	28.1	6.51	---	0.0207	---	176	---	28.8	---	295	---	0.455	< 0.167	44.4	0.847
	30-Aug-2016	10	---	---	24	6.04	0.289	< 0.0551	< 0.0551	2.29	0.115 [#1]	0.369	---	---	31.2	25.4	---	3.21	---	---	116	---	15.5	3.39	---	0.0101	---	94.8	---	15.7	---	172	---	0.256	1.51	23.3	0.513
	30-Aug-2018	10	---	---	15.8	4.07	0.259 [#1]	< 0.108	< 0.1	1.29	< 0.111	0.222	---	---	13.9	11.4	---	1.06 [#1]	---	---	51.7	---	6.85	1.26	---	0.00511	---	45	---	6.52	---	67.1	---	0.129	< 0.137	9.75	< 0.124
	06-Sep-2019	10	---	---	13.3	2.78	0.152	< 0.0891	< 0.0764	1.42	0.077	0.245	---	---	8.63	7.36	---	1	---	---	35.1	---	4.87	0.954	---	0.00374	---	28.8	---	4.2	---	45	---	< 0.0831	0.772	7.29	< 0.405
	26-Aug-2020	11	---	---	10.7	2.05	0.151 [#1]	0.089	< 0.0573	1.04	< 0.0573	< 0.0573	---	---	12.8	9.62	---	1.19 [#1]	---	---	40.3	---	5.15	1.23	---	0.00437	---	32.5	---	5.29	---	54.3	---	0.155 [#1]	0.199 [#1]	7.41	0.218
	30-Sep-2021	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	13.3	---	---	---	---	---	---
	30-Sep-2021	10	---	---	4.83	0.86	< 0.21	< 0.22	< 0.19	0.77	< 0.21	< 0.22	---	---	1.90	1.31	---	< 0.13	---	---	9.66	---	1.28	0.230	---	0.00107	---	4.82	---	0.823	---	---	---	< 0.042	< 0.14	1.43	< 0.15
	13-Oct-2022	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2580	---	---	---	---	---	---
	13-Oct-2022	10	---	---	96.3	17.6	< 0.60	< 0.62	< 0.53	21.5	< 0.59	1.55	---	---	60.6	39.4	---	< 0.25	---	---	637	---	30.8	9.85	---	0.0358	---	286	---	71.1	---	---	---	0.400	< 0.66	40.2	< 0.73
	15-Aug-2024	6	---	---	27.7	2.08	< 0.33	< 0.34	< 0.28	2.89	< 0.33	0.56	---	---	7.89	11.1	---	1.62	---	---	96.5	---	4.12	1.16	---	0.00610	---	56.4	---	6.55	---	311	---	< 0.21	< 0.22	7.83	0.49
	24-Sep-2025	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	736	---	---	---	---	---	---
Chrystina Lake																																						
Brook Trout 1+	11-Aug-2009	8	< 0.80	< 0.90	59.2	11.5	< 0.80	< 0.80	< 0.80	10.5	< 0.90	< 0.80	6.27	11.6 [#1]	---	---	47.3	---	383	---	197	---	29.0	11.4	62.9	---	201	---	---	< 2.5	7.2	---	31.5	< 2.6	< 0.70	23.0	< 0.70
	01-Sep-2011	5	< 0.90	< 2.0	41.5	5.3 [#1]	< 1.0	< 1.0	< 1.0	6.07 [#1]	< 1.0	< 1.0	4.81 [#1]	< 2.0	---	---	26.4	---	< 2.0	---	83.1	---	8.1 [#1]	< 2.0	63.8	---	115	---	---	< 2.0	3.5 [#1]	---	8.1 [#1]	< 1.0	< 1.0	35.8	< 1.0
	01-Sep-2012	4	< 0.40	< 0.90	77.9	6.49 [#1]	< 0.50	< 0.50	< 0.40	16.8	< 0.50	1.95	12.2	2.3 [#1]	---	---	72.8	---	953	---	332	---	14.0	4.8	167	---	432	---	---	< 1.0	11.8	---	23.3	< 1.0	< 0.60	117	1.51
(Replicate A)	01-Sep-2013	1	---	---	21.1	0.786	< 0.173	< 0.173	< 0.173	4.68	< 0.173	0.321	---	---	6.2	14.4	---	1.81	---	---	71.7	---	4.56	0.945	---	0.00722	---	51.5	---	4.04	---	108	---	< 0.173	2.65	33.1	0.519
(Replicate B)	01-Sep-2013	1	---	---	23.3	0.549	< 0.071	< 0.071	< 0.071	4.41	0.106	0.383	---	---	6.5	14.9	---	2.11	---	---	81.9	---	5.91	1.07	---	0.00794	---	60.8	---	5.23	---	120	---	< 0.071	2.59	38.8	0.606
	23-Sep-2015	1	---	---	177	5.71	0.435	0.238 [#1]	< 0.0567	33.8	1.2	3.7	---	---	49.3	196	---	17.4	---	---	1620	---	58.7	7.31	---	0.0535	---	1400	---	127	---	2600	---	1.51	10.3	251	10.6
	31-Aug-2016	2	---	---	38.1	2.94	0.175	0.081	< 0.0689	4.05	0.174 [#1]	0.609 [#1]	---	---	13	41.1	---	3.6	---	---	195	---	21.7	3.14	---	0.0141	---	165	---	18.1	---	256	---	0.199 [#1]	< 0.127	48.6	0.603
	12-Sep-2017	3	---	---	21.9	1.14	0.076 [#1]	0.158	< 0.0563	3.26	0.125 [#1]	0.14	---	---	6.26	17.7	---	1.24	---	---	92.4	---	8.28	1.2	---	0.00671	---	77.1	---	6.5	---	123	---	0.062 [#1]	< 0.209	29.1	0.733
	29-Aug-2018	3	---	---	22.9	1.46	0.15	0.077 [#1]	< 0.0557	3.62	0.532	0.38	---	---	7.03	17.2	---	1.9 [#1]	---	---	84	---	7.56	1.06	---	0.00742	---	69.5	---	6.96	---	124	---	0.1	< 0.146	26.6	0.68 [#1]
(Replicate A)	05-Sep-2019	4	---	---	24.8	1.38	0.096	0.148	< 0.057	3.86	0.232	0.521	---	---	6.36	21.5	---	2.53	---	---	105	---	10.4	1.4	---	0.0083	---	95.2	---	8.33	---	141	---	0.104	< 0.241	29.8	0.863
(Replicate B)	05-Sep-2019	4	---	---	34.7	2.82	0.17	0.158	< 0.0746	4.7	0.268	0.728	---	---	10.9	29.4	---	2.92	---	---	147	---	14.5	2.03	---	0.0115	---	130	---	12.3	---	186	---	0.19	< 0.178	38.6	1.19
	25-Aug-2020	7	---	---	19.9	0.963	0.091	0.11 [#1]	< 0.0578	3.22	< 0.0578	< 0.0578	---	---	6.26	17.4	---	1.55	---	---	90.1	---	7.31	1.16	---	0.00761	---	78.6	---	6.62	---	127	---	0.064	1.04	25.1	0.828
	29-Sep-2021	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	376	---	---	---	---	---	---
	29-Sep-2021	8	---	---	28.7	6.96	< 0.37	< 0.41	< 0.34	8.15	< 0.40	0.62	---	---	22.3	45.7	---	< 0.13	---	---	282	---	18.1	2.23	---	0.0125	---	214	---	19.2	---	---	---	0.840	< 0.37	63.8	2.89
	12-Oct-2022	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	113	---	---	---	---	---	---
	12-Oct-2022	8	---	---	12.0	< 2.0	< 4.1	< 4.3	< 3.7	< 3.0	< 4.2	< 4.3	---	---	< 3.4	8.1	---	< 4.9	---	---	73.2	---	< 3.3	< 3.5	---	< 0.0033	---	60.9	---	< 3.2	---	---	---	< 1.3	< 2.6	20.9	< 2.6
	13-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	146	---	---	---	---	---	---
	13-Sep-2023	5	---	---	11.4	< 0.77	< 1.7	< 1.6	< 1.4	< 1.7	< 1.6	< 1.8	---	---	4.2	10.0	---	< 1.6	---	---	58.3	---	3.6	< 1.4	---	0.0042	---	40.4	---	3.5	---	146	---	< 0.64	< 1.6	16.5	< 1.5
	14-Aug-2024	5	---	---	13.0	0.44	< 0.35	< 0.36	< 0.31	2.08	< 0.35	< 0.34	---	---	3.25	9.33	---	0.98	---	---	70.4	---	3.49	0.57	---	0.00359	---	49.0	---	3.08	---	138	---	< 0.23	0.52	11.7	0.48
	24-Sep-2025	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	505	---	---	---	---	---	---
Brook Trout 2+	11-Aug-2009	3	< 0.80	< 0.90	50.9	4.50	< 0.80	< 0.80	< 0.80	9.14	< 0.90	1.84 [#1]	13.6	7.8	---	---	69.1	---	664	---	270	---	18.2	7.1	171	---	488	---	---	< 3.2	4.4	---	15.4	< 3.3	< 1.0	56.2	< 0.90
	11-Aug-2010	5	< 1.0	< 1.1	63.4	8.0	< 1.0	< 0.60	< 0.60	14.1	< 0.60	< 0.60	13.3	4.8	---	---	50.1	---	50.2	---	221	---	11.3	4.4 [#1]	114	---	283	---	---	< 1.6	< 1.6	---	11.8	< 2.4	1.88	81.8	< 0.80
	12-Aug-2010	3	< 0.70	< 0.80	96.3	9.60	< 0.80	< 0.80	< 0.80	15.7	< 0.80	4.99 [#1]	24.2	10.7 [#1]	---	---	160	---	2890	---	745	---	36.5	13.7	420	---	1130	---	---	< 3.2	8.7	---	38.0	< 3.1	3.3	183	2.3 [#1]
	01-Sep-2011	4	< 1.0	< 2.0	182	11.3	< 1.0	< 2.0	< 1.0	14.3	< 2.0	< 1.0	110	< 6.0	---	---	293	---	3910	---	1120	---	29.0	< 5.0	1060	---	2130	---	---	< 5.0	14.1	---	35.2	< 3.0	8.1 [#1]	388	8.2
(Replicate)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate A)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate B)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate C)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate D)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 29 (ng/kg)	PCB 30 (ng/kg)	PCB 31 (ng/kg)	PCB 32 (ng/kg)	PCB 34 (ng/kg)	PCB 35 (ng/kg)	PCB 36 (ng/kg)	PCB 37 (ng/kg)	PCB 38 (ng/kg)	PCB 39 (ng/kg)	PCB 40/68 (ng/kg)	PCB 41 (ng/kg)	PCB 41/71/40 (ng/kg)	PCB 42 (ng/kg)	PCB 42/59 (ng/kg)	PCB 43 (ng/kg)	PCB 43/52 (ng/kg)	PCB 44 (ng/kg)	PCB 44/47/65 (ng/kg)	PCB 45 (ng/kg)	PCB 45/51 (ng/kg)	PCB 46 (ng/kg)	PCB 47 (ng/kg)	PCB 48 (ug/kg)	PCB 48/49 (ng/kg)	PCB 49/69 (ng/kg)	PCB 50 (ng/kg)	PCB 50/53 (ng/kg)	PCB 51 (ng/kg)	PCB 52 (ng/kg)	PCB 53 (ng/kg)	PCB 54 (ng/kg)	PCB 55 (ng/kg)	PCB 56 (ng/kg)	PCB 57 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																																						
(Duplicate)	01-Sep-2011	4	< 1.0	< 2.0	241	9.3	< 1.0	< 1.0	< 1.0	18.9	< 1.0	21.6	121	< 6.0	---	---	551	---	7890	---	2070	---	37.4	< 7.0	1860	---	3930	---	---	< 6.0	24.4	---	61.7	< 4.0	10.5 [#1]	480	11.8
	01-Sep-2012	4	< 0.50	< 0.90	41.3	5.73	< 0.50	< 0.50	< 0.50	9.20 [#1]	< 0.50	1.70	6.23	< 2.0	---	---	39.7	---	470	---	155	---	7.6	< 2.0	105	---	227	---	---	< 2.0	3.0	---	10.5	< 1.0	0.97	47.5	0.95
	01-Sep-2013	4	---	---	30.6	0.552	< 0.0569	0.101	< 0.0569	6	0.241	0.605	---	---	9.4	25.5	---	2.82	---	---	173	---	4.12	0.739	---	0.00986	---	145	---	4.13	---	387	---	< 0.0569	< 0.389	76.6	1.46
	22-Sep-2014	4	---	---	28.5	0.667	0.113	< 0.0759	< 0.0676	5.87	0.221	0.414	---	---	7.79	22.4	---	3.21 [#1]	---	---	158	---	4.19	0.99	---	0.00977	---	123	---	4.11	---	309	---	0.069	9.24	65.2	1.32
(Replicate A)	22-Sep-2014	1	---	---	18.1	0.441	< 0.0573	0.076	< 0.0573	4.16	0.151 [#1]	0.32	---	---	5.62	15.1	---	1.92	---	---	86	---	2.95	0.738	---	0.00677	---	60.7	---	3.12	---	156	---	< 0.0573	3.48	40.3	0.865
(Replicate B)	22-Sep-2014	1	---	---	40.6	1.22	0.128	< 0.129	< 0.113	8.96	0.241	0.653	---	---	8.25	18.7	---	2.61	---	---	102	---	4.23	1.24	---	0.0113	---	73	---	4.73	---	173	---	0.053	4.82	50.9	1.07
	23-Sep-2015	4	---	---	61.7	4.95	0.183	0.144	< 0.107	12.3	0.306	1.14	---	---	34.3	75.2	---	5.71	---	---	492	---	14.4	2.13	---	0.0263	---	387	---	19.6	---	1080	---	0.107 [#1]	5.92	171	3.02
	31-Aug-2016	2	---	---	37.1	0.852	0.07	0.098 [#1]	< 0.0557	6	0.146	0.688	---	---	10.1	37.9	---	< 0.0557	---	---	255	---	8.55	0.927	---	0.013	---	230	---	7.32	---	519	---	< 0.0557	3.14	85.8	2.17
	12-Sep-2017	3	---	---	25.2	1.01	< 0.0598	0.121 [#1]	< 0.0582	3.41	0.091 [#1]	0.266 [#1]	---	---	5.19	18.1	---	1.33 [#1]	---	---	147	---	4.3	0.637	---	0.00644	---	111	---	3.43	---	178	---	< 0.0582	< 0.263	35.4	1.64
(Replicate A)	12-Sep-2017	1	---	---	18	0.693	< 0.058	0.094	< 0.058	2.71	0.072 [#1]	< 0.058	---	---	3.96	11.8	---	0.992 [#1]	---	---	80.8	---	3.34	0.499 [#1]	---	0.00514	---	64.2	---	2.11	---	118	---	< 0.0589	< 0.157	30	0.891 [#1]
	29-Aug-2018	3	---	---	29.9	0.954 [#1]	< 0.28	< 0.28	< 0.28	4.22	0.502	0.551 [#1]	---	---	9.58	43.3	---	3.05	---	---	285	---	11.6	1.63	---	0.0121	---	242	---	12.2	---	345	---	0.079	< 0.518	60.8	3.02 [#1]
(Replicate A)	05-Sep-2019	4	---	---	21.7	0.716	0.094	0.074	< 0.0549	4.65	0.291	0.537	---	---	5.59	16.9	---	1.67	---	---	87.5	---	4.37	0.672	---	0.00716	---	70.8	---	3.68	---	133	---	< 0.0588	3.08	38.8	1.36
(Replicate B)	05-Sep-2019	4	---	---	25.4	0.826	0.088	0.077	< 0.0579	5.04	0.319	0.551	---	---	5.49	15.8	---	2.14	---	---	87.4	---	4.44	0.931	---	0.00733	---	70.5	---	3.77	---	131	---	0.063	3.74	38.6	1.17
(Replicate A)	25-Aug-2020	7	---	---	24.3	0.804	0.086 [#1]	0.104	< 0.0574	4.34	< 0.0574	< 0.0574	---	---	6.11	20.2	---	1.75	---	---	121	---	6.03	0.928	---	0.00759	---	98.9	---	5.09	---	158	---	< 0.0661	1.58	37.8	1.37
(Replicate B)	25-Aug-2020	7	---	---	20.1	0.921	0.083	0.07 [#1]	< 0.0577	3.5	< 0.0577	< 0.0577	---	---	5.89	23.2	---	1.23	---	---	147	---	7.25	0.746	---	0.00689	---	124	---	6.05	---	170	---	0.083 [#1]	1.38	33.2	1.9
	29-Sep-2021	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	266	---	---	---	---	---	---
	29-Sep-2021	10	---	---	22.2 [#4]	3.01 [#4]	< 0.22 [#4]	< 0.25 [#4]	< 0.21 [#4]	4.91 [#4]	< 0.24 [#4]	0.42 [#4]	---	---	11.3 [#4]	32.2 [#4]	---	< 0.13 [#4]	---	---	242 [#4]	---	11.0 [#4]	1.17 [#4]	---	0.00890 [#4]	---	176 [#4]	---	10.5 [#4]	---	---	---	0.379 [#4]	< 0.31 [#4]	41.2 [#4]	3.06 [#4]
	12-Oct-2022	9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	571	---	---	---	---	---	---
	12-Oct-2022	9	---	---	51.7	2.72	< 0.61	< 0.63	< 0.54	9.68	< 0.60	< 0.63	---	---	14.2	63.8	---	< 0.33	---	---	504	---	22.9	1.90	---	0.0167	---	393	---	19.5	---	---	---	0.410	< 1.2	92.6	5.2
	13-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	88.3	---	---	---	---	---	---
	13-Sep-2023	5	---	---	11.0	< 1.2	< 1.4	< 1.4	< 1.2	2.6	< 1.4	< 1.5	---	---	3.5	12.0	---	2.3	---	---	78.9	---	3.2	< 1.5	---	0.0053	---	55.9	---	2.0	---	88.3	---	< 0.76	< 1.8	19.6	< 1.7
	14-Aug-2024	5	---	---	15.4	0.81	< 0.56	< 0.58	< 0.49	2.30	< 0.56	< 0.54	---	---	3.84	16.9	---	1.17	---	---	102	---	6.07	0.86	---	0.00507	---	88.3	---	4.61	---	165	---	< 0.27	1.20	22.2	1.20
(Replicate A)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	129	---	---	---	---	---	---
(Replicate B)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	282	---	---	---	---	---	---
Brook Trout 3+	04-Oct-2006	3	< 0.10	< 0.10	48	2.3	< 0.10	< 0.10	< 0.10	2.4	< 0.10	0.11 [#1]	< 0.10	0.86	---	---	< 0.10	---	810	---	300	---	< 0.10	< 0.10	190	---	520	---	---	< 0.10	0.33	---	4.3	< 0.10	< 0.10	49	< 0.10
	11-Aug-2010	5	< 0.80	< 0.90	69.4	9.25	< 0.90	< 0.60	< 0.60	14.3	< 0.60	1.61	9.70	4.7	---	---	40.0	---	40.7	---	183	---	11.7	4.6	81.0	---	210	---	---	< 1.5	3.9	---	13.7	< 2.3	< 0.80	70.2	< 0.70
(Duplicate)	11-Aug-2010	5	< 0.90	< 0.90	64.6	9.55	< 0.90	< 0.60	< 0.60	11.9	< 0.60	< 0.50	10.0	3.6	---	---	37.9	---	38.3	---	173	---	11.2	4.8	79.4	---	211	---	---	< 1.2	3.1	---	11.9	< 1.8	2.08	63.5	1.77
(Replicate A)	12-Aug-2010	4	< 0.90	< 1.0	96.5	7.63	< 0.90	< 0.90	< 0.90	16.4	< 1.0	3.21 [#1]	16.5	8.4	---	---	110	---	1910	---	558	---	30.9	11.8	254	---	751	---	---	< 3.4	7.5	---	30.2 [#1]	< 3.3	2.1	116	1.7
(Replicate A)	01-Sep-2012	1	< 0.20	< 0.50	25.3	3.69	< 0.30	< 0.30	< 0.20	4.30	< 0.30	< 0.20	3.81	1.49 [#1]	---	---	17.8	---	220	---	81.9	---	4.3	< 1.0	50.9	---	121	---	---	< 0.90	1.54	---	4.26 [#1]	< 0.80	0.64 [#1]	23.9	0.77
(Replicate B)	01-Sep-2012	1	< 0.30	< 0.70	21.7	3.17	< 0.40	< 0.30	< 0.30	5.05 [#1]	< 0.30	< 0.30	2.62	< 1.0	---	---	14.6	---	129	---	55.7	---	3.8	2.4	28.5	---	71.5	---	---	< 1.0	< 1.0	---	4.0 [#1]	< 0.90	< 0.30	16.6	< 0.30
(Duplicate)	01-Sep-2012	1	< 0.20	< 0.50	24.8	3.18	< 0.30	< 0.20	< 0.20	4.23	< 0.20	1.08 [#1]	4.15	< 1.0	---	---	21.6	---	220	---	81.5	---	4.5	< 1.0	53.3	---	117	---	---	< 0.90	2.20	---	5.79 [#1]	< 0.80	0.91 [#1]	23.6	< 0.30
(Replicate C)	01-Sep-2013	1	---	---	20	0.433	< 0.0781	< 0.0781	< 0.0781	3.65	0.154	0.426	---	---	5.25	17.2	---	2.01	---	---	129	---	2.98	0.781	---	0.00763	---	96.3	---	3.01	---	165	---	< 0.0781	4.77	35.5	1
(Replicate D)	01-Sep-2013	1	---	---	21.8	0.354	< 0.0923	< 0.0923	< 0.0923	3.52	< 0.0923	0.348	---	---	4.03	13.9	---	1.71	---	---	98.7	---	1.57	0.477	---	0.0064	---	78.4	---	2.1	---	170	---	< 0.0923	4.86	36.7	0.968
(Known (External Reference Material) Duplicate)	01-Sep-2013	1	< 2.0	< 3.0	52.5	13.0 [#1]	< 3.0	< 3.0	< 3.0	16.3 [#1]	< 3.0	< 2.0	4.0	< 8.0	---	---	29.7	---	259	---	115	---	< 7.0	< 7.0	53.5	---	127	---	---	< 6.0	< 6.0	---	10.7 [#1]	< 6.0	< 3.0	30.7	< 3.0
	22-Sep-2014	4	---	---	27.9	0.608	0.091 [#1]	0.133	< 0.0578	4.81	0.392 [#1]	0.524	---	---	7.46	31.8	---	2.73	---	---	206	---	3.65	0.774	---	0.0101	---	188	---	3.75	---	314	---	< 0.0578	8.63	64.6	2.03
(Replicate A)	22-Sep-2014	4	---	---	27.5	0.561	0.082	0.094 [#1]	< 0.0567	4.54	0.207 [#1]	0.42	---	---	5.63	14.7	---	1.89	---	---	91	---	2.78	0.775	---	0.00797	---	65.5	---	2.88	---	150	---	< 0.0567	4.96	38.7	1.02
(Replicate B)	22-Sep-2014	1	---	---	9.2	0.185	< 0.0574	0.077	< 0.0574	2.35	0.129	0.139 [#1]	---	---	2.48	8.08	---	0.861	---	---	62.2	---	1.34	0.255	---	0.00301	---	49	---	1.11	---	102	---	< 0.0574	2.22 [#1]	18.8	< 0.749
(Duplicate)	22-Sep-2014	1	---	---	26.6	0.619	< 0.0668	< 0.0685	< 0.0621	4.65	0.334	0.459	---	---	6.92	30.7	---	3.39 [#1]	---	---	207	---	4.23	0.948	---	0.0106	---	193	---	4.38	---	325	---	< 0.056	12.7	59	2.1
	23-Sep-2015	3	---	---	107	9.01	0.307	0.214	< 0.117	20.3	0.589	1.91	---	---	59.0	139	---	9.08	---	---	861	---	28.2	3.43	---	0.0426	---	699	---	33.3	---	1740	---	< 0.0572	8.72	256	5.89
	31-Aug-2016	2	---	---	74.4	1.55	0.12 [#1]	0.093 [#1]	< 0.0551	8.86	0.297	1.29	---	---	20.2	91.6	---	< 0.0551	---	---	662	---	18.1	1.63	---	0.0257	---	594	---	17	---	1340	---	0.133	13.3	198	4.35
(Replicate A)	31-Aug-2016	2	---	---	44.6	1.35	0.135	< 0.0546	< 0.0546	5.87	0.332	0.792	---	---	11.8	56.9	---	2.6	---	---	367	---	8.79	0.973	---	0.0141	---	373	---	8.75	---	663	---	< 0.0546	< 0.171	102	2.82
(Duplicate)	31-Aug-2016	1	---	---	72.6	1.48	0.106 [#1]	0.142 [#1]	< 0.0561	8.38	0.459 [#1]	1.31	---	---	19.3	88.1	---	< 0.0745	---	---	628	---	14.9	1.64	---	0.0252	---	579	---	16.5	---	1300	---	0.109 [#1]	10.3	195	2.85
	12-Sep-2017	3	---	---	23.5	0.964	0.069 [#1]	0.117 [#1]	< 0.0559	3.43	0.074 [#1]	< 0.0559	---	---	5.35	18.7	---	1.08	---	---	117	---	3.86	0.689 [#1]	---	0.00629	---	114	---	3.49	---	217	---	< 0.0559	< 0.18	42.6	1.22
	29-Aug-2018	3	---	---	31.9	0.898	< 0.136	< 0.125	< 0.117	3.22	0.527	0.529 [#1]	---	---	6.14	25.5	---	2.22	---	---	174	---	5.38	0.904	---	0.00867	---	166	---	5.61	---	263	---	0.059 [#1]	< 0.491	47.8	2.25
(Duplicate)	29-Aug-2018	3	---	---	29.9	0.812	< 0.108	< 0.102	< 0.0948	2.89	0.495	0.499	---	---	5.79	24.4	---	1.68 [#1]	---	---	165	---	4.97	0.797	---	0.00815	---	158	---	5.44	---	248	---	0.055	< 0.323	42.7	1.95
(Lab Replicate)	29-Aug-2018	3	---	---	28.3	0.732	< 0.0969	< 0.0917	< 0.0849	3.05	0.514	0.395	---	---	5.61	23.7	---	2.21	---	---	162	---	4.78	0.76	---	0.00782	---	154	---	5.51	---	241	---	< 0.0473	< 0.365	42.5	2
	05-Sep-2019	4	---	---	35.3	1.01	0.138	< 0.1	< 0.0862	5.63	0.494	0.627	---	---	6.82	22.4	---	2.93	---	---	158	---	6.96	1.13	---	0.0101	---	129	---	6.23	---	216	---	0.086	5.39	54.1	2.12
	29-Sep-2021	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	267	---	---	---	---	---	---
	29-Sep-2021	3	---	---	23.2	3.60	< 0.52	< 0.58	< 0.48	3.90	< 0.56	< 0.54	---	---	12.3	29.2	---	< 0.25	---	---	211	---	11.8	1.32	---	0.00878	---	160	---	11.9	---	---	---	0.42	< 0.46	42.1	2.30
(Duplicate)	29-Sep-2021	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	617	---	---	---	---	---	---
(Duplicate)	29-Sep-2021	3	---	---	49.7	5.60	< 1.3	< 1.4	9.2	9.2	< 1.4	< 1.3	---	---	22.1	62.3	---	< 0.37	---	---	475	---	23.2	2.60	---	0.0186	---	367	---	23.6	---	---	---	0.76	< 1.7	92.3	4.9

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 29 (ng/kg)	PCB 30 (ng/kg)	PCB 31 (ng/kg)	PCB 32 (ng/kg)	PCB 34 (ng/kg)	PCB 35 (ng/kg)	PCB 36 (ng/kg)	PCB 37 (ng/kg)	PCB 38 (ng/kg)	PCB 39 (ng/kg)	PCB 40/68 (ng/kg)	PCB 41 (ng/kg)	PCB 41/71/40 (ng/kg)	PCB 42 (ng/kg)	PCB 42/59 (ng/kg)	PCB 43 (ng/kg)	PCB 43/52 (ng/kg)	PCB 44 (ng/kg)	PCB 44/47/65 (ng/kg)	PCB 45 (ng/kg)	PCB 45/51 (ng/kg)	PCB 46 (ng/kg)	PCB 47 (ng/kg)	PCB 48 (ug/kg)	PCB 48/49 (ng/kg)	PCB 49/69 (ng/kg)	PCB 50 (ng/kg)	PCB 50/53 (ng/kg)	PCB 51 (ng/kg)	PCB 52 (ng/kg)	PCB 53 (ng/kg)	PCB 54 (ng/kg)	PCB 55 (ng/kg)	PCB 56 (ng/kg)	PCB 57 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																																						
	12-Oct-2022	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	347	---	---	---	---	---	---
	12-Oct-2022	3	---	---	22.3	< 1.4	< 2.4	< 2.4	9.9	< 2.5	< 2.1	< 2.4	---	---	< 1.2	40.0	---	< 1.7	---	---	349	---	20.3	< 1.3	---	0.0089	---	264	---	15.7	---	---	---	< 0.46	< 2.8	34.7	18.3
	13-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	182	---	---	---	---	---	---
	13-Sep-2023	5	---	---	17.1	0.70	< 0.28	0.34	< 0.25	4.47	0.57	0.36	---	---	6.11	26.9	---	0.95	---	---	204	---	6.47	0.92	---	0.00599	---	156	---	4.78	---	182	---	0.37	1.21	37.6	2.17
	14-Aug-2024	3	---	---	17.5	1.80	< 0.46	< 0.47	< 0.41	2.30	< 0.46	< 0.45	---	---	4.19	19.7	---	1.80	---	---	131	---	8.96	1.20	---	0.00561	---	113	---	7.37	---	173	---	0.70	1.20	22.3	1.70
(Duplicate)	14-Aug-2024	3	---	---	19.9	1.43	< 0.39	< 0.40	< 0.34	2.55	0.48	< 0.38	---	---	4.57	20.7	---	1.50	---	---	150	---	8.85	0.91	---	0.00585	---	132	---	7.24	---	206	---	0.45	1.60	26.9	1.54
(Replicate A)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	424	---	---	---	---	---	---
(Duplicate)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	844	---	---	---	---	---	---
(Replicate B)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	99.3	---	---	---	---	---	---
(Replicate B)	24-Sep-2025	3	---	---	13.6	0.468	<0.087	<0.084	<0.074	2	0.203	0.265	---	---	3.08	17.3	---	0.802	---	---	122	---	4.67	0.521	---	4.56	---	94.6	---	4.75	---	145	---	0.137	0.987	26.8	1.36
Brook Trout 4+	04-Oct-2006	7	< 0.10	< 0.10	220	12	< 0.10	< 0.10 [#1]	< 0.10	47	< 0.10	5.4	27	8.2	---	---	57	---	2400	---	830	---	32	< 0.60	650	---	1500	---	---	< 0.50	8.6	---	35	< 0.50	5.1	310	2.2
	01-Sep-2011	2	< 1.0	< 2.0	168	9.0	< 1.0 [#1]	< 1.0 [#1]	< 1.0	15.6	< 1.0	< 1.0	46.8	< 5.0	---	---	195	---	2270	---	783	---	24.0	< 4.0	527	---	1180	---	---	< 4.0	10.7	---	36.7 [#1]	< 3.0 [#1]	4.9 [#1]	231	5.9
	01-Sep-2013	2	---	---	99.1	2.14	< 0.212	< 0.239 [#1]	< 0.213	16.1	1.05	2.32	---	---	27.1	117	---	13.6	---	---	783	---	7.73	2.52	---	0.0383	---	709	---	16.7	---	1360	---	0.179	32.7	233	4.53
	22-Sep-2014	1	---	---	62.6	1.42	0.09	0.185 [#1]	< 0.0574	7.71	0.615	1.43	---	---	23.5	90.2	---	7.97	---	---	653	---	12	1.88	---	0.0313	---	542	---	14.9	---	1310	---	0.118	28	245	3.72
(Replicate A)	23-Sep-2015	1	---	---	54	1.54	0.137 [#1]	0.162 [#1]	< 0.0966	7.51	0.159	0.758	---	---	12.9	41.1	---	3.64	---	---	264	---	8.84	2.09	---	0.0178	---	207	---	9.91	---	444	---	0.066 [#1]	4.11	103	2.22
(Replicate B)	23-Sep-2015	1	---	---	38.3	0.99	0.085	0.117 [#1]	< 0.0718	5.56	0.263	0.546	---	---	9.63	32.7	---	2.72	---	---	246	---	6.3	1.41	---	0.0128	---	199	---	6.44	---	427	---	0.069	3.96	77.1	2.11
	12-Sep-2017	1	---	---	31.6	1.06	0.067 [#1]	0.089 [#1]	< 0.0582	4.08	0.128	0.329 [#1]	---	---	6.88	26.2	---	1.65	---	---	197	---	5.42	1.05	---	0.00853	---	185	---	5.65	---	364	---	< 0.0673	< 0.124	57.4	2.01
(Replicate A)	29-Aug-2018	1	---	---	49.6	1.38	< 0.286	< 0.279	< 0.279	6.4	0.403 [#1]	0.788 [#1]	---	---	11.5	63.3	---	< 0.0827	---	---	360	---	9.8	1.41	---	0.0148	---	360	---	10.5	---	642	---	< 0.0558	< 0.509	95.6	4
(Replicate B)	29-Aug-2018	1	---	---	19.3	0.715 [#1]	< 0.283	< 0.283	< 0.283	2.36	< 0.283	0.337 [#1]	---	---	5.64	14.7	---	1.84 [#1]	---	---	107	---	2.31	0.572 [#1]	---	0.00803	---	88.9	---	2.21	---	159	---	< 0.0488	< 0.272	27.7	0.837 [#1]
(Replicate C)	29-Aug-2018	1	---	---	44.2	1.91	< 0.327	< 0.31	< 0.291	7.22	0.656	0.53	---	---	8.49	23.3	---	2.69	---	---	133	---	5.03	1.34	---	0.0119	---	114	---	5.41	---	230	---	< 0.048	< 0.301	55.6	1.15 [#1]
	25-Aug-2020	1	---	---	13.8	0.379	< 0.0658	< 0.0671	< 0.0628	2.45	< 0.0608	< 0.0625	---	---	3.15	9.25	---	0.725	---	---	60	---	2.22	0.516 [#1]	---	0.00452	---	45.7	---	2.15	---	91.7	---	< 0.0672	1.11	21.9	0.79
	29-Sep-2021	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	358	---	---	---	---	---	---
	29-Sep-2021	1	---	---	30.4	4.64	< 0.46	< 0.48	< 0.41	5.14	< 0.46	< 0.48	---	---	15.6	39.5	---	< 0.25	---	---	291	---	15.7	1.72	---	0.0107	---	221	---	17.0	---	---	---	0.569	< 0.58	54.1	3.66
	24-Sep-2025	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	83.7	---	---	---	---	---	---
	24-Sep-2025	1	---	---	11.9	0.36	<0.13	<0.14	<0.12	1.4	0.227	<0.11	---	---	2.48	8.66	---	0.575	---	---	65	---	2.67	<0.37	---	3.09	---	49	---	2.19	---	84.4	---	<0.055	0.688	17.2	0.996
Brook Trout 5+	04-Oct-2006	5	< 0.10	< 0.10	140	9.3	< 0.10	< 0.10	< 0.10	34	< 0.10	< 0.10	11	< 0.50	---	---	52	---	1400	---	560	---	24	< 0.50	340	---	910	---	---	< 0.40	< 0.40	---	25	< 0.40	< 0.20	170	< 0.10
	01-Sep-2007	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	2	< 0.70	< 1.1	48	4.1	< 0.70	< 0.60	< 0.60	12	< 0.60	< 0.50	12	< 3.6	---	---	71	---	680	---	250	---	7.1	< 3.7	160	---	540	---	---	< 3.1	< 3.1	---	12	< 2.7	< 0.90	60	1.5
	12-Aug-2010	1	< 0.80	< 1.0	56.7	8.26	< 0.90	< 0.80	< 0.90	6.71	< 0.90	< 0.80	6.94	8.9	---	---	44.3	---	440	---	206	---	23.7	10.0 [#1]	66.7	---	195	---	---	< 2.6	5.5	---	22.5	< 2.6	< 1.0	46.1	1.37
	01-Sep-2013	1	---	---	147	2.22	0.168	0.142	< 0.0998	19.4	1.69	3.48	---	---	34.2	166	---	16.8	---	---	1240	---	13.4	3.13	---	0.0556	---	1140	---	22	---	2430	---	< 0.0998	36.7	345	6.84
(Known (External Reference Material) Duplicate)	01-Sep-2013	1	< 2.0	< 3.0	136	8.5	< 3.0	< 3.0	< 3.0	24.5 [#1]	< 3.0	15.1	46.4	< 10	---	---	251	---	3960	---	1140	---	25	< 10	851	---	1850	---	---	< 10	< 9.0	---	34	< 8.0	5.2	273	7.4
	23-Sep-2015	1	---	---	85.1	4.82	0.237	0.344 [#1]	< 0.114	13.7	0.382	1.25	---	---	31.2	73.7	---	6.61	---	---	457	---	16.4	3.26	---	0.0305	---	379	---	20.7	---	963	---	0.149 [#1]	5.77	177	3.67
	30-Aug-2016	1	---	---	26.7	0.746	0.083	< 0.0613	< 0.0589	3.77	0.131 [#1]	0.398 [#1]	---	---	7.38	31.7	---	2.2	---	---	226	---	6.77	0.809	---	0.00907	---	207	---	5.8	---	352	---	0.077 [#1]	7.62	56.9	1.74
	12-Sep-2017	1	---	---	65.3	1.6	0.144	0.194 [#1]	< 0.0658	6.11	0.197 [#1]	0.84	---	---	13.2	53.5	---	3.51	---	---	441	---	11.1	1.58 [#1]	---	0.0202	---	443	---	9.85	---	714	---	0.095 [#1]	< 0.257	106	6.64
(Re-analysis)	12-Sep-2017	1	---	---	44.5	1.27	0.108 [#1]	0.114 [#1]	< 0.0571	4.26	0.197	0.534	---	---	10.6	40.2	---	3.61 [#1]	---	---	358	---	8.66	1.26	---	0.0166	---	358	---	8.37	---	582	---	< 0.0605	< 0.757	83.3	5.23
	29-Sep-2021	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	254	---	---	---	---	---	---
	29-Sep-2021	1	---	---	29.2 [#4]	2.6 [#4]	< 1.7 [#4]	< 1.7 [#4]	< 1.5 [#4]	2.9 [#4]	< 1.7 [#4]	< 1.7 [#4]	---	---	6.1 [#4]	22.0 [#4]	---	< 1.6 [#4]	---	---	153 [#4]	---	8.0 [#4]	< 1.3 [#4]	---	0.0119 [#4]	---	122 [#4]	---	8.6 [#4]	---	---	---	< 0.43 [#4]	< 2.0 [#4]	49.2 [#4]	< 2.2 [#4]
Brook Trout 6+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	< 0.80	< 1.5	29	3.5	< 0.80	< 0.70	< 0.70	5.4	< 0.80	1.5	7.6	< 3.3	---	---	53	---	380	---	150	---	6.1	< 3.5	130	---	280	---	---	< 2.9	< 2.9	---	9.1	< 2.5	3.1	38	< 0.80
Brook Trout 7+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Duplicate)	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	< 0.60	< 1.0	46	5.2	< 0.60	< 0.50	< 0.50	12	< 0.50	0.76	4.3	< 1.9	---	---	43	---	330	---	150	---	7.7	2.1 [#1]	59	---	180	---	---	< 1.6	5.0	---	9.4	< 1.5	1.4	42	< 0.60
(Duplicate)	11-Sep-2007	3	< 0.90	< 1.3	38	4.6	< 0.90	< 0.80	< 0.70	11	< 0.80	< 0.70	4.1	< 2.7	---	---	34	---	270	---	120	---	5.1	< 2.8	54	---	160	---	---	< 2.3	2.5	---	5.7	< 2.0	< 0.80	33	< 0.70
Brook Trout 11+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	< 0.60	< 2.1	32	3.9	< 0.60	< 0.50	< 0.50	5.3	< 0.50	2.3	10	< 4.2	---	---	88	---	880	---	310	---	9.4	< 4.3	270	---	640	---	---	< 3.6	< 3.6	---	9.2	< 3.2	7.3	71	1.4
Brook Trout 12+	01-Sep-2007	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	2	< 0.70	< 1.2	56	3.8	< 0.70	< 0.60	< 0.60	13	< 0.60	3.4	16	< 3.3	---	---	91	---	950	---	320	---	8.6	< 3.4	240	---	690	---	---	< 2.8	< 2.8	---	11	< 2.5	7.1	92	2.4
Brook Trout Unknown	23-Jul-2008	3	< 0.50	< 0.50	32	3.5	< 0.50	< 0.40	< 0.40	4.9	< 0.50	0.88	4.9	0.90	---	---	20	---	140	---	58	---	3.5	1.5	38	---	90	---	---	< 1.0	3.7	---	6.4	< 0.90	< 0.60	19	< 0.60
(Replicate)	23-Jul-2008	3	< 0.50	< 0.60	26	5.2	< 0.50	< 0.50	< 0.50	3.4	< 0.50	0.91	3.6	0.84	---	---	20	---	120	---	52	---	4.0	2.1	36	---	82	---	---	< 0.80	5.0	---	9.2	< 0.70	< 0.40	14	< 0.40

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 29 (ng/kg)	PCB 30 (ng/kg)	PCB 31 (ng/kg)	PCB 32 (ng/kg)	PCB 34 (ng/kg)	PCB 35 (ng/kg)	PCB 36 (ng/kg)	PCB 37 (ng/kg)	PCB 38 (ng/kg)	PCB 39 (ng/kg)	PCB 40/68 (ng/kg)	PCB 41 (ng/kg)	PCB 41/71/40 (ng/kg)	PCB 42 (ng/kg)	PCB 42/59 (ng/kg)	PCB 43 (ng/kg)	PCB 43/52 (ng/kg)	PCB 44 (ng/kg)	PCB 44/47/65 (ng/kg)	PCB 45 (ng/kg)	PCB 45/51 (ng/kg)	PCB 46 (ng/kg)	PCB 47 (ng/kg)	PCB 48 (ug/kg)	PCB 48/49 (ng/kg)	PCB 49/69 (ng/kg)	PCB 50 (ng/kg)	PCB 50/53 (ng/kg)	PCB 51 (ng/kg)	PCB 52 (ng/kg)	PCB 53 (ng/kg)	PCB 54 (ng/kg)	PCB 55 (ng/kg)	PCB 56 (ng/kg)	PCB 57 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																																						
(Replicate A)	23-Jul-2008	2	< 0.30	< 0.30	28	3.1	< 0.30	0.32	< 0.30	7.2	< 0.30	1.0	5.5	0.69	---	---	21	---	140	---	55	---	3.7	1.5	44	---	99	---	---	< 0.60	2.8	---	6.0	< 0.60	0.43	21	0.41
(Replicate B)	23-Jul-2008	2	< 0.30	< 0.30	33	2.7	< 0.30	< 0.30	< 0.30	4.8	< 0.30	0.82	3.7	0.80	---	---	17	---	120	---	51	---	3.9	1.3	27	---	72	---	---	< 0.70	2.4	---	5.5	< 0.60	0.58	18	0.55
(Replicate C)	23-Jul-2008	2	< 0.60	< 0.60	38	5.1	< 0.60	< 0.50	< 0.50	6.2	< 0.50	1.1	3.7	1.2	---	---	18	---	130	---	54	---	4.6	1.5	31	---	75	---	---	< 1.1	4.2	---	7.5	< 1.0	< 0.60	20	0.54
	12-Oct-2022	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	395	---	---	---	---	---
	12-Oct-2022	1	---	---	25.5	< 1.5	< 2.7	< 2.7	< 2.4	3.3	< 2.4	< 2.7	---	---	10.4	48.9	---	5.4	---	---	338	---	12.0	< 1.8	---	0.0124	---	263	---	10.9	---	---	---	< 0.51	< 2.7	51.0	17.0
	13-Sep-2023	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	92.7	---	---	---	---	---
	13-Sep-2023	1	---	---	10.3 [#5]	0.55 [#5]	< 0.26 [#5]	< 0.26 [#5]	< 0.23 [#5]	2.63 [#5]	0.28 [#5]	< 0.28 [#5]	---	---	3.80 [#5]	15.6 [#5]	---	0.61 [#5]	---	---	116 [#5]	---	3.84 [#5]	0.46 [#5]	---	0.00382 [#5]	---	83.4 [#5]	---	2.89 [#5]	---	92.7 [#5]	---	0.42 [#5]	0.71 [#5]	23.8 [#5]	1.18 [#5]
(Replicate)	13-Sep-2023	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	146	---	---	---	---	---
(Replicate)	13-Sep-2023	1	---	---	14.2	< 1.1	< 2.0	< 2.0	< 1.7	3.2	< 2.0	< 2.2	---	---	4.7	15.0	---	< 1.3	---	---	111	---	3.0	< 1.1	---	0.0053	---	113	---	4.0	---	146	---	< 0.47	< 1.8	20.5	< 1.7
(Replicate A)	14-Aug-2024	1	---	---	17	0.46	< 0.48	< 0.49	< 0.42	2.58	0.57	< 0.47	---	---	4.13	13.7	---	0.99	---	---	90.7	---	3.48	0.57	---	0.00433	---	74.8	---	2.26	---	152	---	< 0.29	0.97	20.2	0.87
(Replicate B)	14-Aug-2024	1	---	---	71.6	13.6	< 0.51	< 0.53	< 0.45	7.04	0.81	< 0.50	---	---	12.9	103	---	4.9	---	---	791	---	131	9.43	---	0.012	---	627	---	87	---	681	---	5.56	< 0.41	62.3	7.63
(Replicate C)	14-Aug-2024	1	---	---	15.5	0.66	< 0.36	< 0.37	< 0.31	2.03	0.46	< 0.35	---	---	4.17	13.8	---	1.1	---	---	72.4	---	2.69	0.42	---	0.0055	---	60.1	---	3.4	---	124	---	< 0.22	1.2	20.7	0.89
	24-Sep-2025	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	280	---	---	---	---	---
Brook Trout (Muscle only) 3+	01-Feb-2012	1	< 2.0	< 3.0	52.2	19.2 [#1]	< 2.0	< 2.0	< 2.0	13.5	< 2.0	< 2.0	7.1	< 5.0	---	---	34.4	---	325	---	140	---	9.6	< 4.0	60.5	---	154	---	---	< 4.0	< 4.0	---	10.0 [#1]	< 3.0	< 2.0	51.9	< 2.0
Brook Trout (Skin Only) 3+	01-Feb-2012	1	< 1.0	< 2.0	64.2	12.2 [#1]	< 1.0	< 1.0	< 1.0	16.8	< 1.0	< 1.0	12.4	< 5.0	---	---	75.0	---	723	---	260	---	9.5 [#1]	< 5.0	111	---	315	---	---	< 4.0	< 4.0	---	14.1 [#1]	< 3.0	< 2.0	100	< 2.0
Brook Trout (Stomach) 1+	01-Sep-2012	4	< 1.0	< 2.0	69.2	19.4	< 1.0	< 1.0	< 1.0	15.3	< 1.0	< 1.0	4.39	10.8	---	---	27.6	---	131	---	120	---	20.0	8.0	23.8	---	75.6	---	---	< 2.0	6.5	---	24.5	< 2.0	< 1.0	19.5	< 1.0
Brook Trout (Stomach) 2+	01-Sep-2012	4	< 3.0	< 6.0	72.1	23.2 [#1]	< 3.0	< 3.0	< 3.0	24.3 [#1]	< 3.0	< 3.0	8.3	9.1	---	---	27.1 [#1]	---	111 [#1]	---	100	---	22.7	< 5.0	25.4 [#1]	---	62.4 [#1]	---	---	< 4.0	< 4.0	---	22.3 [#1]	< 4.0	< 2.0	20.0 [#1]	< 2.0
Brook Trout (Stomach) 3+ (Replicate A)	01-Sep-2012	1	< 1.0	< 3.0	60.6	23.3	< 1.0	< 1.0	< 1.0	14.2	< 1.0	< 1.0	6.15 [#1]	13.4	---	---	22.5	---	96.7	---	99.7	---	16.5 [#1]	8.0 [#1]	17.5	---	57.3	---	---	< 2.0	< 2.0	---	16.4 [#1]	< 2.0	< 1.0	16.7	< 1.0
(Replicate B)	01-Sep-2012	1	< 2.0	< 4.0	80.0	26.2	< 2.0	< 2.0	< 2.0	21.7	< 2.0	< 2.0	7.4	14.6	---	---	28.3	---	166	---	137	---	25.5	< 5.0	42.0	---	94.1	---	---	< 4.0	< 4.0	---	22.5 [#1]	< 4.0	< 2.0	23.2	< 2.0
White Sucker 1+	01-Feb-2012	1	< 1.0	< 2.0	53.8	12.9	< 1.0	< 1.0	< 1.0	10.4	< 1.0	< 1.0	6.9	< 4.0	---	---	38.6	---	222	---	113 [#1]	---	11.5	< 4.0	54.9	---	123	---	---	< 3.0	< 3.0	---	10.0	< 2.0	< 2.0	69.1	< 1.0
	21-Sep-2014	2	---	---	2.98	0.214	< 0.0579	< 0.0579	< 0.0579	0.973	< 0.0579	< 0.0579	---	---	3.33	2.28	---	0.393	---	---	11.5	---	0.631	0.21	---	0.00194	---	7.62	---	0.632 [#1]	---	20.4	---	< 0.0579	0.357	7.23	< 0.108
White Sucker 2+	01-Feb-2012	1	< 0.90	< 2.0	28.8	11.9	< 0.90	< 1.0	< 0.90	5.57	< 0.90	< 0.80	1.53 [#1]	2.5 [#1]	---	---	8.1	---	29.7 [#1]	---	22.8 [#1]	---	3.0	< 2.0	6.7	---	15.5	---	---	< 2.0	< 2.0	---	5.8 [#1]	< 1.0	< 0.90	8.98 [#1]	< 0.80
	22-Sep-2014	4	---	---	4.01	0.305	0.062 [#1]	< 0.0573	< 0.0573	1	< 0.0573	< 0.0573	---	---	4.7	3.26	---	0.669	---	---	15.8	---	0.832	0.319	---	0.00295	---	10.6	---	0.856	---	27.3	---	< 0.0573	< 0.121	9.53	0.176 [#1]
White Sucker 3+	01-Feb-2012	1	< 3.0	< 5.0	46.2 [#1]	30.5	< 3.0	< 3.0	< 3.0	14.3	< 3.0	< 3.0	< 2.0	< 6.0	---	---	16.7 [#1]	---	86.3	---	56.5 [#1]	---	14.1	< 6.0	12.5 [#1]	---	41.3 [#1]	---	---	< 5.0	< 5.0	---	13.8 [#1]	< 4.0	< 2.0	17.7 [#1]	< 2.0
White Sucker 6+	01-Sep-2007	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	4	< 0.50	< 0.80	7.1	2.7	< 0.50	< 0.40	< 0.40	1.8	< 0.50	< 0.40	0.93	1.4	---	---	7.5	---	36	---	22	---	3.0	< 1.5	8.1	---	24	---	---	< 1.2	< 1.2	---	< 1.3	< 1.1	< 0.40	5.8	< 0.40
White Sucker 7+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	< 0.60	< 1.1	6.2	3.1	< 0.60	< 0.50	< 0.50	1.4	< 0.60	< 0.50	0.71	< 1.8	---	---	5.6	---	29	---	17	---	< 1.8	< 1.9	6.6	---	17	---	---	< 1.6	< 1.6	---	< 1.6	< 1.4	< 0.60	5.2	< 0.50
White Sucker 8+	01-Sep-2007	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	5	< 0.60	< 1.1	8.0	2.6	< 0.60	< 0.50	< 0.50	2.1	< 0.60	< 0.50	0.85	< 1.6	---	---	< 1.3	---	34	---	24	---	3.2	< 1.7	5.5	---	20	---	---	< 1.4	< 1.4	---	2.5	< 1.2	< 0.50	5.2	< 0.40
	11-Aug-2009	4	--- [#2]	--- [#2]	--- [#2]	--- [#2]	--- [#2]	--- [#2]	--- [#2]	--- [#2]	--- [#2]	--- [#2]	< 5.0	< 13	---	---	< 9.1	---	129	---	66	---	< 12	< 13	26.0	---	57	---	---	< 23	< 11	---	< 11	< 17	< 6.2	21.5	< 7.7
White Sucker 9+	01-Sep-2007	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	4	< 0.50	< 0.70	8.7	2.4	< 0.40	< 0.40	< 0.40	2.1	< 0.40	< 0.40	< 0.30	1.7	---	---	8.1	---	40	---	22	---	3.4	< 1.5	7.3	---	23	---	---	< 1.2	< 1.2	---	2.9	< 1.1	< 0.50	6.0	< 0.40
White Sucker 10+	11-Aug-2009	4	--- [#2]	--- [#2]	--- [#2]	--- [#2]	--- [#2]	--- [#2]	--- [#2]	--- [#2]	--- [#2]	--- [#2]	< 4.6	< 30	---	---	< 21	---	249	---	115	---	< 29	< 31	68	---	121	---	---	< 53	< 26	---	< 26	< 41	< 5.6	14.1	< 7.0
CRL-1	27-Jun-2012	---	< 10	< 10	351	90	< 10	< 10	< 10	120	< 10	< 10	23.3	52	---	---	121	---	486	485	---	63	---	< 20	83	---	288	---	< 20	---	< 20	---	72	< 20	< 10	121	< 9.0
CRL-2	27-Jun-2012	---	< 7.0	< 7.0	542	95.5	< 7.0	< 7.0	< 7.0	129	< 7.0	< 6.0	21.8	49	---	---	155	---	605	453	---	70	---	32	154	---	400	---	< 9.0	---	26	---	80	< 9.0	< 6.0	104	< 6.0
CRL-3	26-Jun-2012	---	< 9.0	< 10	380	74.8	< 10	< 10	< 9.0	138	< 10	< 9.0	22.7	54	---	---	123	---	499	455	---	72	---	39	89	---	334	---	< 10	---	< 10	---	67	< 10	< 8.0	115	< 7.0
CRL-FB2	27-Jun-2012	---	< 20	< 20	369	96	< 20	< 20	< 20	< 20	< 20	< 20	34.1	< 30	---	---	< 20	---	550	503	---	< 30	---	< 30	106	---	281	---	< 20	---	< 30	---	108	< 20	< 20	68	< 10
Forage Fish	04-Nov-2014	---	---	---	9.11	0.577	< 0.0682	0.102 [#1]	< 0.0682	2.79	0.134	0.107	---	---	6.79	4.99	---	0.625	---	---	27.3	---	1.13	0.432	---	0.00202	---	17.2	---	0.869	---	45.7	---	< 0.0682	2.02	30.7	0.274
Invertebrates	22-Aug-2014	---	---	---	15.5	0.929	< 0.295	1.47 [#1]	< 0.295	13	1.25	0.302	---	---	15.2	12.9	---	1.91	---	---	91.3	---	1.7	0.44 [#1]	---	0.00441	---	82.8	---	1.99 [#1]	---	370	---	< 0.295	8.36	81.1	< 1.52
Edith Lake																																					
Brook Trout 1+	11-Aug-2009	7	< 2.4	< 2.8	38.7	3.9	< 2.6	< 1.8	< 1.7	13.8	< 1.7	< 1.5	< 1.1	< 14	---	---	23.3	---	214	---	89	---	< 14	< 14	52.8	---	103	---	---	< 25	< 12	---	< 12	< 19	< 1.3	9.0	< 1.7
	01-Sep-2011	4	< 0.90	< 1.0	24.1	5.3	< 0.90	< 1.0	< 0.90	3.05 [#1]	< 0.90	< 0.90	4.57 [#1]	< 2.0	---	---	28.7	---	166	---	77.1	---	6.3 [#1]	< 2.0	65.6	---	111	---	---	< 2.0	7.3 [#1]	---	9.3 [#1]	< 1.0	< 1.0	17.3	< 1.0
(Duplicate)	01-Sep-2011	4	< 2.0	< 2.0	37.6	7.8 [#1]	< 2.0	< 2.0	< 2.0	4.8 [#1]	< 2.0	< 2.0	6.2	< 5.0	---	---	33.7	---	211	---	72.0	---	9.1	< 5.0	85.6	---	148	---	---	< 4.0	< 4.0	---	11.4	< 3.0	< 2.0	29.7	< 2.0
	01-Sep-2012	3	< 0.50	< 1.0	30.8	6.5	< 0.60	< 0.60	< 0.50	5.60 [#1]	< 0.60	< 0.50	5.65	< 2.0 [#1]	---	---	33.9	---	222	---	95.8	---	8.9	3.1	81.1	---	161	---	---	< 1.0	10.6	---	14.0	< 1.0	< 0.50	27.7	< 0.50

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 29 (ng/kg)	PCB 30 (ng/kg)	PCB 31 (ng/kg)	PCB 32 (ng/kg)	PCB 34 (ng/kg)	PCB 35 (ng/kg)	PCB 36 (ng/kg)	PCB 37 (ng/kg)	PCB 38 (ng/kg)	PCB 39 (ng/kg)	PCB 40/68 (ng/kg)	PCB 41 (ng/kg)	PCB 41/71/40 (ng/kg)	PCB 42 (ng/kg)	PCB 42/59 (ng/kg)	PCB 43 (ng/kg)	PCB 43/52 (ng/kg)	PCB 44 (ng/kg)	PCB 44/47/65 (ng/kg)	PCB 45 (ng/kg)	PCB 45/51 (ng/kg)	PCB 46 (ng/kg)	PCB 47 (ng/kg)	PCB 48 (ug/kg)	PCB 48/49 (ng/kg)	PCB 49/69 (ng/kg)	PCB 50 (ng/kg)	PCB 50/53 (ng/kg)	PCB 51 (ng/kg)	PCB 52 (ng/kg)	PCB 53 (ng/kg)	PCB 54 (ng/kg)	PCB 55 (ng/kg)	PCB 56 (ng/kg)	PCB 57 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - Continued																																						
	22-Sep-2015	3	---	---	58.8	7.43	0.336	0.168	< 0.153	9.13	0.453	1.16	---	---	34.0	67.8	---	6.82	---	---	345	---	30.8 #1	5.35	---	0.0257	---	274	---	30.5	---	601 #1	---	0.222 #1	3.14	72.4	1.81
	30-Aug-2016	2	---	---	30.5	3.49	0.188	< 0.0548	< 0.0548	2.82	0.187 #1	0.499	---	---	14.9	39.3	---	4.05	---	---	187	---	22.1	3.34	---	0.0147	---	167	---	19.3	---	249	---	0.15	2.7	39.4	0.788
	13-Sep-2017	3	---	---	40.9	6.92	0.434	0.127	< 0.0618	4.3	0.185 #1	< 0.0633	---	---	19.8	43.7	---	4.11 #1	---	---	197	---	24.2	4.02	---	0.016	---	175	---	22.2	---	245	---	0.278 #1	< 0.184	40.2	1.15
	30-Aug-2018	3	---	---	19.1	1.95	0.14 #1	< 0.0863	< 0.081	1.87	0.354	0.427 #1	---	---	8.4	23.2	---	2.17 #1	---	---	105	---	10.9	1.55	---	0.00847	---	94.3	---	9.4	---	137	---	0.106 #1	< 0.157	23.5	0.599
	06-Sep-2019	4	---	---	27	3.4	0.185	0.306	< 0.0996	3.67	0.343	0.604	---	---	9.63	27.4	---	3.1	---	---	128	---	14	2.07	---	0.0102	---	117	---	12.6	---	157	---	0.168	1.86	28.6	0.893
(Replicate B)	06-Sep-2019	4	---	---	24.1	2.14	0.189	0.29	< 0.0823	3.27	0.357	0.618	---	---	7.6	24.4	---	2.75	---	---	121	---	11.9	1.47	---	0.00925	---	110	---	9.08	---	141	---	0.192	2.81	29.9	0.899
	26-Aug-2020	7	---	---	20.1	1.65	0.117 #1	0.199 #1	< 0.0579	1.91	< 0.0579	< 0.0579	---	---	8.42	24.9	---	2.01	---	---	110	---	11.7	1.87	---	0.00854	---	100	---	9.91	---	138	---	0.111 #1	0.724	22.7	0.648
	30-Sep-2021	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	58.0	---	---	---	---	---	---
	30-Sep-2021	8	---	---	9.68	0.96	< 0.43	< 0.45	< 0.39	1.69	< 0.43	< 0.45	---	---	3.21	6.20	---	1.43	---	---	34.6	---	3.36	0.41	---	0.00312	---	26.0	---	2.50	---	---	---	< 0.070	< 0.31	6.56	< 0.34
	13-Oct-2022	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	29.5	---	---	---	---	---	---
	13-Oct-2022	2	---	---	8.9	< 1.1	< 1.7	< 1.8	< 1.6	< 2.3	< 1.6	< 1.8	---	---	1.7	1.6	---	< 2.0	---	---	22.7	---	< 1.4	< 1.5	---	< 0.0014	---	12.3	---	< 1.4	---	---	---	< 0.29	< 0.89	2.0	< 0.98
	14-Sep-2023	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	97.3	---	---	---	---	---	---
	14-Sep-2023	2	---	---	7.22	1.30	< 0.74	< 0.75	< 0.66	2.20	< 0.72	< 0.80	---	---	3.50	7.50	---	< 0.60	---	---	48.5	---	4.00	0.71	---	0.00292	---	33.7	---	2.55	---	97.3	---	< 0.54	< 0.50	6.59	1.48
	15-Aug-2024	5	---	---	15.4	0.81	< 0.41	< 0.43	< 0.38	1.68	< 0.42	< 0.41	---	---	3.86	7.78	---	1.20	---	---	63.7	---	2.50	0.59	---	0.00400	---	39.3	---	3.94	---	203	---	< 0.22	0.53	5.67	0.46
Brook Trout 2+	11-Aug-2009	4	< 1.8	< 2.1	29.8	3.2	< 1.9	< 1.3	< 1.3	3.8	< 1.3	< 1.1	< 1.1	< 11	---	---	18.7	---	208	---	94	---	< 11	< 11	50.6	---	84.1	---	---	< 20	< 9.4	---	< 9.5	< 15	< 1.4	4.6	< 1.7
	11-Aug-2010	5	< 0.80	< 0.90	48.4	8.16	< 0.90	< 0.50	< 0.50	9.26	< 0.50	1.49	8.58	< 1.3	---	---	27.1	---	27.8	---	117	---	9.1 #1	4.0 #1	55.5	---	185	---	---	< 1.2	2.7	---	9.4	< 1.8	< 0.60	39.5	< 0.60
	01-Sep-2011	4	< 1.0	< 2.0	43.2	6.5	< 1.0	< 1.0	< 1.0	5.7	< 1.0	< 1.0	8.68 #1	< 3.0	---	---	30.2	---	370	---	118	---	5.0	< 2.0	75.4	---	208	---	---	< 2.0	< 2.0	---	7.1 #1	< 2.0	< 1.0	40.1	< 1.0
	01-Sep-2012	3	< 0.50	< 0.90	43.1	5.43	< 0.50	< 0.50	< 0.50	10.1	< 0.50	< 0.50	7.85 #1	< 2.0	---	---	35.6	---	474	---	168	---	7.4 #1	< 2.0	73.9	---	226	---	---	< 2.0	2.7 #1	---	8.6 #1	< 1.0	< 0.50	47.6	< 0.50
	01-Sep-2013	3	---	---	57.1	0.738	< 0.0754	< 0.085	< 0.0739	6.79	< 0.0777	0.997	---	---	8.76	41.7	---	4.98	---	---	304	---	8.39	0.885	---	0.0161	---	370	---	8.46	---	588	---	< 0.0579	< 0.673	89.3	2.3
	21-Sep-2014	4	---	---	11.2	0.422 #1	< 0.0574	< 0.0574	< 0.0574	1.47	0.093 #1	0.2 #1	---	---	5.84	19.2	---	1.91 #1	---	---	143	---	2.77 #1	0.545 #1	---	0.00709	---	162	---	4.48	---	254	---	0.098 #1	3.87	21.4	0.753
(Replicate A)	21-Sep-2014	1	---	---	15.4	0.868	< 0.0565	< 0.0565	< 0.0565	2.95	0.16 #1	0.295	---	---	7.19	30.6	---	2.04	---	---	178	---	6.02	1.07	---	0.00788	---	165	---	6.22	---	294	---	0.081 #1	3.84 #1	29.7	1.17
(Replicate B)	21-Sep-2014	1	---	---	3.79	0.082 #1	< 0.0579	< 0.0579	< 0.0579	0.596	0.08 #1	0.108 #1	---	---	1.37 #1	5.81	---	0.537	---	---	34.6	---	0.848 #1	0.242 #1	---	0.00238	---	34.2	---	1.07	---	48.6	---	< 0.0579	0.886	4.15	0.172
	22-Sep-2015	1	---	---	9.69	0.682	< 0.084	0.086	< 0.0765	1.63	0.106	0.116	---	---	1.52	1.67	---	0.105	---	---	12.7	---	0.977	0.153 #1	---	0.00136	---	11.4	---	0.670 #1	---	19.8	---	< 0.055	< 0.13	2.14	< 0.117
	30-Aug-2016	2	---	---	24.5	0.589	< 0.0563	< 0.0563	< 0.0563	3.26	0.177	0.482	---	---	5.48	30.5	---	1.13 #1	---	---	213	---	6.86	0.811	---	0.00746	---	225	---	9.49	---	391	---	0.13	5.51	40.2	0.845
	13-Sep-2017	3	---	---	4.69	0.555	< 0.059	0.151 #1	< 0.059	1.15	0.108 #1	< 0.059	---	---	1.07	2.89	---	< 0.0996	---	---	20.2	---	0.972	0.142 #1	---	0.000859	---	18	---	0.475	---	23.8	---	< 0.0763	< 0.0763	3.09	0.22 #1
	30-Aug-2018	3	---	---	7.56	0.259	< 0.0721	< 0.0683	< 0.0632	0.633	0.264 #1	0.151	---	---	1.82	8.96	---	0.798 #1	---	---	48.1	---	2.89	0.224	---	0.00292	---	45.9	---	1.86	---	61.6	---	0.109 #1	< 0.0906	7.64	0.322
(Replicate A)	06-Sep-2019	4	---	---	4.14	0.27	< 0.0577	0.091	< 0.0577	0.833	0.101	0.082	---	---	1	3.35	---	0.183	---	---	20.5	---	1.29	0.106	---	0.00117	---	17.2	---	0.678	---	23.1	---	< 0.0699	0.552	3.75	< 0.233
(Replicate B)	06-Sep-2019	4	---	---	6.63	0.861	< 0.0648	0.089	< 0.0608	1.35	0.172	0.16	---	---	3.82	6.49	---	0.527	---	---	40.7	---	2.81	0.249	---	0.00181	---	36.4	---	1.9	---	49.2	---	< 0.0696	1.31	7.85	0.516
	26-Aug-2020	2	---	---	9.35	0.258	< 0.058	0.086 #1	< 0.058	0.88	< 0.058	< 0.058	---	---	2.45	11.7	---	0.898	---	---	65.5	---	4.43	0.349 #1	---	0.00371	---	62.7	---	2.87	---	76.5	---	< 0.071	< 0.188	10.7	0.527
	30-Sep-2021	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	39.0	---	---	---	---	---	---
	30-Sep-2021	10	---	---	5.64	0.33	< 0.21	< 0.22	< 0.19	1.20	< 0.21	< 0.22	---	---	1.55	3.80	---	< 0.19	---	---	25.5	---	1.70	< 0.15	---	0.00150	---	24.6	---	1.24	---	---	---	< 0.080	< 0.18	4.10	< 0.20
	13-Oct-2022	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	267	---	---	---	---	---	---
	13-Oct-2022	8	---	---	24.0	1.45	< 0.33	< 0.34	< 0.30	9.57	< 0.33	0.65	---	---	9.03	18.0	---	< 0.14	---	---	138	---	5.30	0.65	---	0.00760	---	139	---	7.73	---	---	---	0.170	< 0.37	45.9	< 0.40
	14-Sep-2023	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	26.0	---	---	---	---	---	---
	14-Sep-2023	3	---	---	3.73	< 0.28	< 0.62	< 0.63	< 0.55	1.40	< 0.60	< 0.67	---	---	0.84	1.90	---	< 0.29	---	---	15.8	---	0.43	< 0.29	---	0.00069	---	23.4	---	0.59	---	26.0	---	< 0.28	< 0.39	2.80	0.42
	15-Aug-2024	6	---	---	9.36	0.33	< 0.33	< 0.34	< 0.28	2.02	< 0.33	< 0.32	---	---	1.10	3.60	---	0.49	---	---	33.1	---	1.67	< 0.28	---	0.00241	---	41.2	---	1.97	---	79.4	---	< 0.17	0.64	4.64	0.72
Brook Trout 3+	11-Aug-2010	3	< 0.80	< 0.90	73.0	7.77	< 0.90	< 0.50	< 0.50	15.7	< 0.50	1.82	14.0	4.6	---	---	41.5	---	39.1	---	178	---	11.8	4.3	83.4	---	301	---	---	< 1.4	2.9	---	12.6	< 2.0	< 0.70	51.5	< 0.60
	01-Sep-2011	3	< 2.0	< 3.0	61.1	10.8 #1	< 2.0	< 2.0	< 2.0	12.1	< 2.0	< 2.0	7.8	< 4.0	---	---	25.5	---	373	---	104	---	< 5.0	< 4.0	70.3	---	183	---	---	< 4.0	< 4.0	---	< 4.0	< 3.0	< 2.0	47.9	< 2.0
	01-Sep-2012	5	< 0.50	< 1.0	45.7	5.64	< 0.50	< 0.50	< 0.50	9.52	< 0.50	< 0.50	9.72	< 2.0	---	---	35.5	---	578	---	203	---	5.7	< 2.0	85.1	---	267	---	---	< 2.0	< 2.0	---	7.8	< 1.0	< 0.50	62.0	< 0.50
(Replicate A)	01-Sep-2013	3	---	---	55.1	0.891	0.081 #1	< 0.0902	< 0.0784	8.98	< 0.0824	1.18	---	---	7.33	25.5	---	4.27	---	---	250	---	4.86	0.427	---	0.0145	---	286	---	4.97	---	589	---	< 0.0562	< 0.828	91.8	1.85
(Replicate B)	01-Sep-2013	3	---	---	52.9	0.532	< 0.0637	< 0.0718	< 0.0624	10.2	0.189	1.01	---	---	4.9	20.6	---	3.01	---	---	192	---	3.06	0.239	---	0.0101	---	265	---	3.86	---	493	---	< 0.0556	< 1.74	84.5	1.76
(Duplicate)	01-Sep-2013	3	---	---	50.9	0.786	0.173	0.065 #1	< 0.057	7.58	< 0.057	1.02	---	---	6.84	23.4	---	3.6	---	---	231	---	4.51	0.389	---	0.013	---	265	---	4.65	---	545	---	0.132	< 0.171	81.6	1.82
(Known (External Reference Material) Duplicate)	01-Sep-2013	3	< 2.0	< 3.0	80.6	11.2	< 2.0	< 3.0	< 2.0	17.5 #1	< 2.0	< 2.0	15.5	< 8.0	---	---	44.3	---	1090	---	334	---	10.5	< 8.0	125	---	518	---	---	< 7.0	< 6.0	---	15.2 #1	< 6.0	< 3.0	67.3	< 3.0
	21-Sep-2014	4	---	---	25.3	1.04	< 0.076	0.17 #1	< 0.0759	3.05	0.241	0.474	---	---	6.8	24.6	---	0.986 #1	---	---	177	---	3.82	0.447	---	0.00803	---	204	---	4.26	---	348	---	< 0.0569	5.29	47.6	< 1.92
(Replicate A)	21-Sep-2014	1	---	---	45.2	4.11	0.115	0.095 #1	< 0.0674	6.69	0.205	0.726	---	---	13.9	36.5	---	3.44 #1	---	---	207	---	9.9	2.06	---	0.0128	---	192	---	11.5	---	351	---	0.128	6.32	81.1	3.28
(Replicate B)	21-Sep-2014	1	---	---	4.62	0.078	< 0.0708	< 0.0794	< 0.0708	0.565	< 0.0721	0.084 #1	---	---	1.11	11.9	---	0.255	---	---	83.5	---	1.44	< 0.0879	---	0.00242	---	83	---	0.645 #1	---	103	---	< 0.0574	3.75 #1	5.86 #1	< 1.24
	22-Sep-2015	3	---	---	28.8	1.84	0.065	0.141	< 0.057	5.51	0.2	0.602	---	---	12.1	23.1	---	1.42	---	---	170	---	5.2	0.558	---	0.00914	---	160	---	6.15	---	385	---	< 0.057	< 0.367	54	1.27
(Duplicate)	22-Sep-2015	3	---	---	28.3	1.9	< 0.0783	0.104 #1	< 0.0687	5.47	0.251	0.549	---	---	11.6	22.6	---	1.14	---	---	166	---	5.05	0.576	---	0.00856	---	153	---	5.84	---	365	---	< 0.0573	< 0.975	50.8	1.25
	30-Aug-2016	1	---	---	25.1	0.745	< 0.0576	< 0.0576	< 0.0576	3.9	< 0.0576	0.422	---	---	5.21	21.2	---	< 0.0576	---	---	171	---	4.82	0.354	---	0.0069	---	190	---	5.55	---	349	---	< 0.0576	5.4	48.9	< 1.15
	13-Sep-2017	3	---	---	9.57	0.569	< 0.0594	0.108	< 0.0594	1.25	< 0.0594	0.094 #1	---	---	1.46	5.21	---	0.195 #1	---	---	39.9	---	1.18	0.144 #1	---	0.00158	---	44.7	---	0.827	---	83.3	---	< 0.0701	< 0.138	7.47	0.472 #1
(Duplicate)	13-Sep-2017	3	---	---	8.41	0.478 #1	< 0.0769	0.089	< 0.0693	1.02	< 0.0734	< 0.071	---	---	1.23	4.75	---	0.275	---	---	37.6	---	0.965	< 0.122	---	0.00143	---	43.4	---	0.657 #1	---	80.3	---	< 0.0949	< 0.15	7.56	0.354

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 29 (ng/kg)	PCB 30 (ng/kg)	PCB 31 (ng/kg)	PCB 32 (ng/kg)	PCB 34 (ng/kg)	PCB 35 (ng/kg)	PCB 36 (ng/kg)	PCB 37 (ng/kg)	PCB 38 (ng/kg)	PCB 39 (ng/kg)	PCB 40/68 (ng/kg)	PCB 41 (ng/kg)	PCB 41/71/40 (ng/kg)	PCB 42 (ng/kg)	PCB 42/59 (ng/kg)	PCB 43 (ng/kg)	PCB 43/52 (ng/kg)	PCB 44 (ng/kg)	PCB 44/47/65 (ng/kg)	PCB 45 (ng/kg)	PCB 45/51 (ng/kg)	PCB 46 (ng/kg)	PCB 47 (ng/kg)	PCB 48 (ug/kg)	PCB 48/49 (ng/kg)	PCB 49/69 (ng/kg)	PCB 50 (ng/kg)	PCB 50/53 (ng/kg)	PCB 51 (ng/kg)	PCB 52 (ng/kg)	PCB 53 (ng/kg)	PCB 54 (ng/kg)	PCB 55 (ng/kg)	PCB 56 (ng/kg)	PCB 57 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - Continued																																						
	30-Aug-2018	3	---	---	7.16	0.263	< 0.098	< 0.0927	< 0.0858	0.79	0.247 #1	0.152 #1	---	---	0.953	3.5	---	0.247 #1	---	---	24.9	---	1.32	0.175	---	0.00137	---	25.4	---	0.923	---	36.8	---	< 0.0491	< 0.132	3.96	0.286
	06-Sep-2019	4	---	---	9.42	0.552	0.158	0.125	< 0.0497	1.75	0.21	0.169	---	---	1.92	4.66	---	0.373	---	---	30.9	---	1.78	0.172	---	0.00184	---	27.5	---	0.93	---	43.2	---	0.18	1.17	8.21	0.294
(Duplicate)	06-Sep-2019	4	---	---	9.72	0.432	< 0.0575	0.107	< 0.0575	1.87	0.19	0.199	---	---	1.66	5.39	---	0.525	---	---	33.5	---	1.85	0.178	---	0.00173	---	30.7	---	1.17	---	44.9	---	< 0.0648	1.31	7.4	0.341
	26-Aug-2020	5	---	---	6.48	0.415	< 0.0573	< 0.0573	< 0.0573	1.26	< 0.0573	< 0.0573	---	---	1.44	5.63	---	< 0.0948	---	---	37.6	---	1.66	0.211 #1	---	0.00151	---	35.5	---	1.42	---	46.7	---	< 0.0632	< 0.26	6.01	0.461
(Duplicate)	26-Aug-2020	5	---	---	7.69	0.242	< 0.058	0.101 #1	< 0.058	0.706	< 0.058	< 0.058	---	---	2.07	9.59	---	0.636 #1	---	---	54.8	---	3.64	0.398 #1	---	0.00311	---	52	---	2.36	---	64	---	< 0.066	< 0.132	9.3	0.457
	30-Sep-2021	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	56.2	---	---	---	---	---	---
	30-Sep-2021	3	---	---	7.85 #4	0.59 #4	< 1.2 #4	< 1.2 #4	< 1.1 #4	1.8 #4	< 1.1 #4	< 1.2 #4	---	---	1.52 #4	3.40 #4	---	< 0.65 #4	---	---	29.4 #4	---	1.71 #4	< 0.47 #4	---	0.00200 #4	---	24.2 #4	---	1.43 #4	---	---	---	< 0.14 #4	< 0.50 #4	7.97 #4	< 0.55 #4
	13-Oct-2022	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	56.3	---	---	---	---	---	---
	13-Oct-2022	8	---	---	7.56	0.59	< 0.39	< 0.40	< 0.35	1.07	< 0.39	< 0.40	---	---	1.30	4.96	---	< 0.21	---	---	44.3	---	2.28	< 0.17	---	0.00150	---	42.1	---	2.18	---	---	---	< 0.082	< 0.36	4.99	0.60
	14-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	54.5	---	---	---	---	---	---
	14-Sep-2023	5	---	---	8.3	< 0.56	< 1.2	< 1.2	< 1.1	2.00	< 1.1	< 1.3	---	---	1.73	4.27	---	< 0.83	---	---	35.7	---	1.20	< 0.81	---	< 0.00073	---	53.2	---	1.70	---	54.5	---	< 0.39	< 0.94	5.18	1.20
(Duplicate)	14-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	53.3	---	---	---	---	---	---
(Duplicate)	14-Sep-2023	5	---	---	8.90	0.71	< 1.0	< 1.0	< 0.90	2.50	< 0.98	< 1.1	---	---	< 1.4	4.6	---	< 1.7	---	---	38.1	---	1.9	< 1.6	---	< 0.0015	---	49.7	---	1.6	---	53.3	---	< 0.46	< 0.95	6.50	1.40
	15-Aug-2024	2	---	---	7.42	0.66	< 0.52	< 0.54	< 0.45	1.60	< 0.52	< 0.51	---	---	1.60	4.20	---	0.42	---	---	32.9	---	3.20	< 0.29	---	0.00122	---	36.7	---	2.21	---	39.3	---	< 0.34	< 0.32	3.05	0.70
Brook Trout 4+	04-Oct-2006	5	< 0.10	< 0.20	160	10	< 0.10	< 0.10	< 0.10	38	< 0.10	4.1	17	10	---	---	71	---	1900	---	620	---	24	< 0.40	420	---	1100	---	---	< 0.30	7.8	---	29	< 0.30	< 0.20	170	< 0.10
	01-Sep-2011	2	< 1.0	< 2.0	101	7.7	< 1.0	< 1.0	< 1.0	15.8	< 1.0	< 1.0	25.0	< 4.0	---	---	99.1	---	1340	---	468	---	11.8 #1	< 4.0	242	---	650	---	---	< 3.0	5.7 #1	---	16.8 #1	< 2.0	< 2.0	139	2.8
	01-Sep-2013	2	---	---	81.4	1.06	< 0.0951	< 0.107	< 0.0932	11.7	0.292	1.21	---	---	14.3	43	---	5.76	---	---	367	---	6.97	0.898	---	0.0205	---	350	---	8.08	---	910	---	0.058	< 0.672	146	2.39
	21-Sep-2014	1	---	---	48.6	0.467	0.057	0.132 #1	< 0.0556	3.67	0.342	0.774	---	---	5.29	29.8	---	2.49 #1	---	---	268	---	2.77 #1	0.454 #1	---	0.012	---	325	---	5.06	---	508	---	< 0.0556	< 0.397	58.6	2.05
(Replicate B)	22-Sep-2015	1	---	---	42	2.18	< 0.0736	0.095 #1	< 0.0645	6.19	0.277 #1	0.864	---	---	12.4	39.9	---	1.95	---	---	290	---	7.46	0.771	---	0.0121	---	293	---	8.77	---	625	---	0.082 #1	< 0.318	76.6	2.48
(Replicate A)	23-Sep-2015	1	---	---	59.1	2	0.071	0.107	< 0.0562	8.15	0.304	0.841	---	---	9.83	40.8	---	< 0.0562	---	---	268	---	6.41	0.958	---	0.00918	---	334	---	12.7	---	544	---	0.223 #1	< 0.513	63.2	2.02
	30-Aug-2016	1	---	---	25.9	0.8	< 0.057	< 0.057	< 0.057	3.81	0.157 #1	0.462 #1	---	---	5.01	21.5	---	0.941	---	---	155	---	4.26	0.531	---	0.00544	---	186	---	5.3	---	317	---	0.085	5.51	45.1	0.846
	13-Sep-2017	1	---	---	12.4	0.543	< 0.0578	0.08 #1	< 0.0578	1.18	0.078	< 0.0578	---	---	2.07	7.9	---	0.297 #1	---	---	64	---	2	0.145 #1	---	0.00259	---	74	---	1.75	---	137	---	< 0.0723	< 0.193	16.7	0.458
	30-Aug-2018	1	---	---	7.88	0.328	< 0.062	0.065	< 0.0543	0.902	0.284 #1	0.094 #1	---	---	0.88	4.35	---	0.224	---	---	32.8	---	0.998	0.076 #1	---	0.00131	---	33.1	---	0.663	---	56.3	---	< 0.0479	< 0.136	4.49	0.354 #1
	26-Aug-2020	2	---	---	8.3	0.434	< 0.0576	< 0.0587	< 0.0576	0.989	< 0.0576	< 0.0576	---	---	1.6	5.77	---	0.196	---	---	43.1	---	2.47	0.206	---	0.0015	---	41.1	---	2.12	---	52	---	< 0.0829	< 0.187	5.81	0.577
	14-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	30.6	---	---	---	---	---	---
	14-Sep-2023	5	---	---	5.98	< 0.39	< 0.64	< 0.65	< 0.57	1.90	< 0.62	< 0.69	---	---	1.50	2.80	---	< 0.59	---	---	20.9	---	< 0.53	< 0.58	---	0.00101	---	28.0	---	0.72	---	30.6	---	< 0.69	< 1.1	4.3	< 0.99
	15-Aug-2024	1	---	---	10.9	0.71	< 0.41	< 0.42	< 0.35	1.60	< 0.41	< 0.40	---	---	0.84	2.40	---	0.38	---	---	22.4	---	2.16	< 0.23	---	0.00120	---	32.0	---	1.95	---	38.1	---	< 0.19	0.32	3.15	0.46
Brook Trout 5+	04-Oct-2006	4	< 0.10	< 0.20	77	8.8	< 0.10	< 0.10	< 0.10	14	< 0.10	0.79	3.9	8.5	---	---	16	---	590	---	250	---	17	6.0	110	---	340	---	---	< 0.40	4.6	---	16	< 0.30	< 0.10	45	< 0.10
	01-Sep-2011	2	< 1.0	< 2.0	51.0	8.8 #1	< 1.0	< 1.0	< 1.0	6.70	< 1.0	< 1.0	12.2	< 3.0	---	---	23.1	---	549	---	163	---	5.3 #1	< 3.0	101	---	290	---	---	< 3.0	< 3.0 #1	---	4.7 #1	< 2.0	< 2.0	41.1	< 2.0
	01-Sep-2013	1	---	---	59.2	4.31	< 0.212	< 0.245	< 0.218	10.6	< 0.22	0.933	---	---	9.42	27.5	---	3.5	---	---	204	---	5.36	0.907	---	0.0126	---	230	---	6.34	---	471	---	0.153 #1	3.96	83.6	1.49
	21-Sep-2014	1	---	---	13.3	0.127	< 0.0639	< 0.0716	< 0.0638	1.28	0.218	0.238	---	---	2.48	14.8	---	2.15	---	---	141	---	0.911	0.25 #1	---	0.00437	---	161	---	1.65	---	271	---	< 0.057	7.99 #1	31.1	1.08
	30-Aug-2016	1	---	---	55.4	0.758	< 0.0722	< 0.0668	< 0.0631	4.12	0.279 #1	0.743	---	---	6.59	50.4	---	< 0.057	---	---	384	---	6.33	0.421	---	0.01	---	487	---	6.3	---	758	---	< 0.057	< 1.13	80.4	2.52
(Duplicate)	30-Aug-2016	1	---	---	57.5	0.777	< 0.0555	< 0.0555	< 0.0555	4.35	0.311	0.821	---	---	6.63	50.1	---	< 0.0555	---	---	384	---	6.36	0.428	---	0.0103	---	489	---	6.13	---	757	---	< 0.0555	< 0.368	81.8	2.9
	30-Sep-2021	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	56.1	---	---	---	---	---	---
	30-Sep-2021	1	---	---	10.2	0.94	< 0.26	< 0.26	< 0.23	2.25	< 0.25	< 0.26	---	---	1.39	3.86	---	< 0.58	---	---	38.4	---	2.05	< 0.46	---	0.00166	---	35.0	---	1.42	---	---	---	< 0.060	< 0.23	5.37	0.40
	15-Aug-2024	1	---	---	18.6	0.97	< 0.34	< 0.35	< 0.29	2.62	< 0.34	< 0.33	---	---	1.80	8.63	---	0.63	---	---	67.4	---	3.20	0.41	---	0.00250	---	103	---	4.06	---	125	---	< 0.19	< 0.33	9.12	1.01
Brook Trout 6+	14-Sep-2023	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.5	---	---	---	---	---	---
	14-Sep-2023	3	---	---	9.73	0.33	< 0.39	< 0.40	< 0.35	1.90	< 0.38	< 0.42	---	---	1.30	4.38	---	< 0.26	---	---	30.7	---	0.60	< 0.25	---	0.00163	---	37.9	---	0.99	---	44.5	---	< 0.18	< 0.46	5.00	0.95
Brook Trout 11+	01-Sep-2007	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	2	< 0.70	< 1.0	29	3.4	< 0.70	< 0.60	< 0.60	3.5	< 0.60	< 0.60	5.2	< 2.2	---	---	21	---	220	---	80	---	3.2	< 2.3	39	---	190	---	---	< 1.9	< 1.9	---	3.5	< 1.7	< 0.80	18	< 0.70
Brook Trout 12+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	< 0.50	< 0.80	17	2.1	< 0.50	< 0.50	< 0.50	3.8	< 0.50	0.65	2.8	< 2.0	---	---	14	---	130	---	46	---	1.9 #1	< 2.0	25	---	97	---	---	< 1.7	< 1.7	---	< 1.7	< 1.5	< 0.60	14	< 0.60
Brook Trout Unknown	23-Jul-2008	2	< 0.30	< 0.30	22	2.8	< 0.30	0.22	< 0.20	3.7	< 0.20	1.0	4.1	0.71	---	---	20	---	120	---	49	---	3.7	1.4	36	---	78	---	---	< 0.60	4.5	---	7.3	< 0.50	0.39	36	0.43
(Replicate A)	23-Jul-2008	2	< 0.40	< 2.5	19	16	< 0.40	< 0.40	< 0.40	4.4	< 0.40	0.97	2.5	3.1	---	---	52	---	290	---	130	---	9.5	3.4	90	---	200	---	---	< 2.8	9.3	---	18	< 2.5	< 0.40	13	0.48
(Replicate B)	23-Jul-2008	2	< 0.40	< 0.40	28	2.8	< 0.40	< 0.40	< 0.40	3.3	< 0.40	0.99	3.0	< 0.60	---	---	11	---	94	---	38	---	1.8	0.85	23	---	70	---	---	< 0.70	2.2	---	3.7	< 0.60	< 0.30	7.4	< 0.30
(Replicate C)	23-Jul-2008	2	< 0.50	< 0.50	29	4.8	< 0.50	< 0.50	< 0.50	2.6	< 0.50	1.5	3.4	< 0.60	---	---	20	---	130	---	53	---	3.7	1.7	38	---	86	---	---	< 0.70	4.7	---	8.7	< 0.60	< 0.30	11	0.41
Brook Trout (Stomach) 1+	01-Sep-2012	3	< 2.0	< 3.0	41.2	18.5	< 2.0	< 2.0	< 2.0	14.4 #1	< 2.0	< 2.0	7.8	11.3 #1	---	---	28.7	---	110	---	104	---	20.1	< 3.0	22.6	---	67.2	---	---	< 3.0	< 3.0	---	23.2	< 3.0	< 1.0	15.1	< 1.0
Brook Trout (Stomach) 2+	01-Sep-2012	3	< 0.20	< 0.30	5.20	2.25	< 0.20	< 0.20	< 0.20	1.68	< 0.20	< 0.20	0.94 #1	1.56	---	---	3.80	---	18.2	---	17.6	---	2.77	1.26 #1	2.78	---	9.46	---	---	< 0.30	< 0.30	---	2.78	< 0.30	< 0.10	2.30	< 0.10
Brook Trout (Stomach) 3+	01-Sep-2012	5	3.20	< 0.40	567	41.0	2.47	28.3	0.74	295	< 0.20	15.6	102	63.7	---	---	634	---	13100	---	4180	---	91.2	23.3	1100	---	4680	---	---	1.6	33.3	---	176	1.4	19.2	1320	15.9

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 29 (ng/kg)	PCB 30 (ng/kg)	PCB 31 (ng/kg)	PCB 32 (ng/kg)	PCB 34 (ng/kg)	PCB 35 (ng/kg)	PCB 36 (ng/kg)	PCB 37 (ng/kg)	PCB 38 (ng/kg)	PCB 39 (ng/kg)	PCB 40/68 (ng/kg)	PCB 41 (ng/kg)	PCB 41/71/40 (ng/kg)	PCB 42 (ng/kg)	PCB 42/59 (ng/kg)	PCB 43 (ng/kg)	PCB 43/52 (ng/kg)	PCB 44 (ng/kg)	PCB 44/47/65 (ng/kg)	PCB 45 (ng/kg)	PCB 45/51 (ng/kg)	PCB 46 (ng/kg)	PCB 47 (ng/kg)	PCB 48 (ug/kg)	PCB 48/49 (ng/kg)	PCB 49/69 (ng/kg)	PCB 50 (ng/kg)	PCB 50/53 (ng/kg)	PCB 51 (ng/kg)	PCB 52 (ng/kg)	PCB 53 (ng/kg)	PCB 54 (ng/kg)	PCB 55 (ng/kg)	PCB 56 (ng/kg)	PCB 57 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - Continued																																						
(Re-analysis)	01-Sep-2012	5	4.1	< 2.0	1040	81.3	3.4	52.9	< 1.0	642	< 1.0	27.6	150	102	---	---	1030	---	19200	---	7050	---	168	44.9	1590	---	6270	---	---	< 5.0	49.3	---	291	< 6.0	41.1	2930	18.5
Certified Reference Materials																																						
CRM 918-050	23-Jul-2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
WMF-01-CRM	04-Oct-2006	---	< 0.20	< 0.30	3300	190	< 0.20	< 0.20	< 0.20	170	< 0.20	< 0.20	540	430	---	---	1900	---	35000	---	17000	---	640	120	16000	---	23000	---	---	12	180	---	1000	< 1.3	120	4300	160
	11-Sep-2007	---	10	< 4.8	3500	330	19	4.9	< 2.5	200	< 2.8	190	660	570	---	---	5800	---	38000	---	19000	---	690	150	15000	---	26000	---	---	< 16	220	---	1100	< 14	400	4400	220
	23-Jul-2008	---	9.8	< 2.0	4400	330	34	3.5	< 1.5	220	< 1.6	300	780	340	---	---	3800	---	27000	---	13000	---	500	110	11000	---	18000	---	---	16	170	---	880	4.7	160	3900	190
	11-Aug-2009	---	< 35	< 40	4470	266	< 37	< 25	< 25	165	< 25	267	863	430	---	---	4810	---	37800	---	16600	---	560	160	14600	---	23200	---	---	< 240	200	---	970	< 180	120	5020	184
	11-Aug-2010	---	15.0	< 3.3	5090	272	20.8	6.3	< 2.0	216	< 2.0	< 1.9	861	413	---	---	4420	---	4390	---	15400	---	613	145	13900	---	20200	---	---	21.0 [#1]	186	---	984	< 9.9	123	5480	244
	01-Sep-2011	---	19.2	< 7.0	4870	337	24.2	< 4.0	< 4.0	221	< 4.0	< 4.0	1110	509	---	---	5570	---	39200	---	19500	---	764	< 10	17200	---	24200	---	---	25	213	---	1100	< 10	117 [#1]	5770	240
	01-Sep-2012	---	13.0 [#1]	< 4.0	3680	230	21.6	8.6	< 2.0	220	< 2.0	155	644	446	---	---	4710	---	34800	---	16300	---	612	131	14000	---	22300	---	---	22.3	181	---	969	< 8.0	95.2	3970	149
NIST SRM 1946	11-Oct-2013	---	---	---	985	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4820	---	---	---	---	---	---	2440	---	---	---	6700	---	---	---	739	---
	31-Aug-2016	---	---	---	1090	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5000	---	---	---	---	---	---	2720	---	---	---	6950	---	---	---	860	---
	03-Nov-2018	---	---	---	965	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4290	---	---	---	---	---	---	2210	---	---	---	6150	---	---	---	631	---
EDF-2524	15-Oct-2014	----	---	---	---	---	---	---	---	8.59	---	---	---	---	---	---	---	---	---	---	331	---	---	---	---	---	---	157	---	---	---	528	---	---	---	---	---
CRM EDF2524	23-Sep-2015	---	---	---	---	---	---	---	---	10.8	---	---	---	---	---	---	---	---	---	---	363	---	---	---	---	---	---	169	---	---	---	595	---	---	---	---	---
CRM EDF-5462	13-Oct-2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	568	---	---	---	---	---
	13-Oct-2022	---	---	---	68.6	4.6	< 2.7	33.0	< 2.4	48.0	35.8	< 2.8	---	---	23.0	22.5	---	5.8	---	---	128	---	6.7	< 1.7	---	0.0067	---	88.2	---	4.4	---	---	---	41.9	< 1.9	25.3	39.8
	15-Nov-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	386	---	---	---	---	---
	15-Nov-2023	---	---	---	49.2	< 6.1	< 9.9	35.0	< 8.5	44.9	28.5	< 11	---	---	13.0	17.0	---	< 8.1	---	---	93.3	---	< 6.6	< 7.3	---	< 0.0066	---	64.8	---	< 6.5	---	386	---	45.0	< 8.2	24.0	37.4
	29-Oct-2024	---	---	---	1030	365	9.6	16.6	9.7	232	< 4.3	12.0	---	---	1170	653	---	89.5	---	---	2320	---	286	62.3	---	0.311	---	1720	---	333	---	2600	---	13.0	37.6	702	24.4

NOTES:

1. --- in guideline row(s) denotes no criteria for that parameter.
2. --- in detail data row(s) denotes parameter not analyzed.
3. Highlighting indicates parameters above applied guideline/criteria.
4. Highlighting indicates parameters above applied guideline/criteria.
5. Highlighting indicates non-detect parameters above applied guideline/criteria.
6. Highlighting indicates parameters at applied guideline/criteria.
7. Denotes values exceeding
   (Canadian Food Inspection Agency (CFIA), 2009. Fish Product Standards and Methods Manual. Appendix 3: Canadian Guidelines for Chemical Contaminants and Toxins in Fish and Fish Products.)
8. Superscript [#1] - EMPC
9. Superscript [#2] - RRR
10. Superscript [#3] - lock mass intereference (lab qualifier originally G)
11. Superscript [#4] - Labeled recoveries above method limits. Data is calculated by isotope dilution. Minimal impact to data quality.
12. Superscript [#5] - The recoveries of certain surrogates are outside method criteria. Native results, calculated via isotope dilution, are not expected to be biased.

< X

X

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 58 (ng/kg)	PCB 58/67 (ng/kg)	PCB 59/62/75 (ng/kg)	PCB 60 (ng/kg)	PCB 61 (ng/kg)	PCB 62/65/75 (ng/kg)	PCB 63 (ug/kg)	PCB 63/76 (ng/kg)	PCB 64 (ng/kg)	PCB 66 (ng/kg)	PCB 67 (ug/kg)	PCB 68 (ug/kg)	PCB 69 (ng/kg)	PCB 70 (ng/kg)	PCB 70/61/74/76 (ng/kg)	PCB 71 (ng/kg)	PCB 72 (ng/kg)	PCB 73 (ng/kg)	PCB 74 (ng/kg)	PCB 77 (ng/kg)	PCB 78 (ng/kg)	PCB 79 (ng/kg)	PCB 80 (ng/kg)	PCB 81 (ng/kg)	PCB 82 (ng/kg)	PCB-83/99 (ng/kg)	PCB 83/119 (ng/kg)	PCB 84 (ng/kg)	PCB 84/89 (ng/kg)	PCB 85 (ng/kg)	PCB 85/110/115/116/117 (ng/kg)	PCB 85/116/117 (ng/kg)	PCB 86/87/97/108/119/125 (ng/kg)	PCB 86/87/97/109/119/125 (ng/kg)	PCB 86/108/125 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hatchery																																						
Brook Trout 0+	04-Oct-2006	10	---	2.0	---	18	---	2.1	---	3.7	74	100	---	---	< 0.20	210	< 0.10	31	1.0	< 0.20	43	5.8	1.2	1.1	< 0.10	< 0.10	< 0.10	---	13	---	26	---	---	51	---	---	< 0.10
	11-Sep-2007	10	---	3.0	---	11	---	4.7	---	3.2	46	63	---	---	< 1.1	100	< 0.60	17	< 0.60	< 1.2	35	4.2	1.6	1.7	< 0.50	< 0.60	< 1.1	---	17	---	24	---	---	29	---	---	< 1.5
	23-Jul-2008	10	---	1.1	---	11	---	3.0	---	3.0	36	45	---	---	< 0.60	77	< 0.50	16	1.4	< 0.70	39	2.0	1.5	1.3	< 0.40	< 0.50	< 0.50	---	6.9	---	10	---	---	21	---	---	< 0.60
(Duplicate)	23-Jul-2008	10	---	0.93	---	11	---	2.9	---	3.4	39	53	---	---	< 0.60	86	< 0.50	18	1.7	< 0.70	45	2.1	< 0.40	1.4	< 0.40	< 0.50	< 0.50	---	8.1	---	12	---	---	24	---	---	< 0.60
	11-Aug-2009	10	---	< 5.5	---	10.3 [#1]	---	< 6.4	---	< 5.2	24.4	59.7	---	---	< 6.5	78.2	< 6.0	8.0	< 5.4	< 6.9	66.1	< 5.6	< 4.1	< 4.0	< 3.6	< 4.1	< 7.1	---	< 10	---	< 12 [#1]	---	---	28	---	---	< 9.2
	11-Aug-2010	10	---	2.51	---	10.4	---	1.50	---	3.32	32.9	53.9	---	---	< 0.70	64.3	< 0.60	11.4	1.70	< 0.70	27.5	3.71	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	---	10.3	---	22.6	---	---	19.6	---	---	< 1.1
	01-Sep-2011	10	---	< 1.0	---	21.0	---	3.7 [#1]	---	4.2	53.8	101	---	---	< 1.0	125	< 1.0	8.8	4.1 [#1]	< 2.0	48.7	9.02	< 1.0	< 1.0	< 0.90	< 0.90	< 2.0	---	22.3	---	36.2	---	---	63.4	---	---	< 2.0
	01-Sep-2012	10	---	3.24	---	12.0	---	5.65	---	3.98	56.9	79.3	---	---	< 1.0	113	< 0.40	16.6	3.09	< 1.0	37.7	7.13	< 0.40	< 0.40	< 0.30	< 0.50	< 1.0	---	24.0	---	30.8	---	---	49.0	---	---	< 1.0
	01-Sep-2013	10	1.28	---	18.1	36.4	---	---	0.00944	---	85.9	177	0.00535	0.00452	---	---	289	---	5.09	< 0.0525	---	8.68	< 0.204	5.44	0.195	0.488	29.4	367	---	66.5	---	---	---	80.7	218	---	---
	21-Sep-2014	12	0.459	---	8.93	14.4	---	---	0.0047	---	37.5	71.9	0.00211	0.0034	---	---	134	---	2.56	< 0.0568	---	3.19	< 0.155	2.39 [#1]	0.156 [#1]	< 0.14	13.4	213	---	35	---	---	---	45	121	---	---
	22-Sep-2015	11	1.7	---	18.3	23.5	---	---	0.0083	---	80.4	136	0.00485	0.00505	---	---	249	---	6.08	< 0.0566	---	6.9	< 0.149	4.81	< 0.147	0.428 [#1]	28.3	429	---	78.1	---	---	---	82.4	240	---	---
	30-Aug-2016	10	1.04	---	9.46	12	---	---	0.00434	---	45.2	77.1	0.00232	0.00292	---	---	133	---	3.11	1.99	---	3.04	< 0.227	2.21 [#1]	< 0.216	0.139	15.1	223	---	40.3	---	---	---	39.4	119	---	---
	30-Aug-2018	10	0.515 [#1]	---	4.51	6.63	---	---	0.00244	---	17.7	38.4	0.00117	0.00193	---	---	62.7	---	1.69	< 0.0488	---	1.88	< 0.133	1.31	< 0.122	< 0.134	6.58	124	---	15.7	---	---	---	21	59.6	---	---
	06-Sep-2019	10	< 0.413	---	3.17	5.66	---	---	0.0017	---	12.5	28.8	0.000657	0.00126	---	---	49.3	---	1.04	0.71	---	1.09	< 0.416	1.22	< 0.383	< 0.414	5.14	88.5	---	10.7	---	---	---	17	42.7	---	---
	26-Aug-2020	11	0.295 [#1]	---	3.58	4.74	---	---	0.00167	---	14.7	27.5	0.000866	0.00134	---	---	47.4	---	1.39	< 0.0732	---	1.31	< 0.148	1.35	< 0.13	0.126	5.36	83.3	---	12.6	---	---	---	16.4	45.4	---	---
	30-Sep-2021	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.482	---	---	---	< 0.033	---	---	---	---	---	---	---	---	---	---	---	---
	30-Sep-2021	10	< 0.15	---	0.722	1.30	---	---	0.00029	---	2.62	5.99	< 0.00012	0.00061	---	---	11.3	---	< 0.15	< 0.065	---	---	< 0.17	< 0.14	< 0.12	---	0.91	15.8	---	1.61	---	---	14.5	---	---	6.77	---
	13-Oct-2022	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	14.1	---	---	---	0.500	---	---	---	---	---	---	---	---	---	---	---	---
	13-Oct-2022	10	< 0.72	---	16.8	24.8	---	---	0.00606	---	167	133	0.00362	0.00110	---	---	682	---	2.30	< 0.13	---	---	1.20	4.42	< 0.56	---	42.9	309	---	271	---	---	556	---	---	346	---
	15-Aug-2024	6	4.54	---	4.23	11.0	---	---	0.00270	---	34.9	50.8	0.00120	0.00197	---	---	160	---	1.17	< 0.13	---	6.27	< 0.24	1.32	< 0.17	0.248	14.4	163	---	37.7	---	---	250	---	---	119	---
	24-Sep-2025	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5.93	---	---	---	0.792	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake																																						
Brook Trout 1+	11-Aug-2009	8	---	3.41 [#1]	---	18.0	---	5.4	---	5.26 [#1]	68.8	102	---	---	< 1.7	271	< 0.80	21.6	2.71	< 1.7	60.2	13.4	< 0.60	3.34	< 0.60	< 0.80	< 1.2	---	32.3	---	42.6	---	---	92.2	---	---	< 1.6
	01-Sep-2011	5	---	4.2 [#1]	---	31.0 [#1]	---	4.1	---	5.0	46.9	138	---	---	< 2.0	194	< 1.0	< 2.0	2.7 [#1]	< 2.0	80.8	14.3	< 1.0	4.2 [#1]	< 1.0	< 1.0	< 2.0	---	38.2	---	39.1	---	---	109	---	---	< 2.0
	01-Sep-2012	4	---	12.3	---	74.9	---	12.2 [#1]	---	19.7	164	391	---	---	< 1.0	911	< 0.60	5.4 [#1]	7.45	< 1.0	255	51.1	< 0.50	13.2	< 0.40	2.41	< 1.0	---	143	---	214	---	---	395	---	---	< 1.0
(Replicate A)	01-Sep-2013	1	0.72	---	5.76	23.2	---	---	0.00503	---	29.9	109	0.00275	0.00149	---	---	217	---	2.14	< 0.173	---	13.3	< 0.427	5.72	< 0.371	0.726 [#1]	26	247	---	33.6	---	---	---	68.6	204	---	---
(Replicate B)	01-Sep-2013	1	0.704	---	7.11	26.7	---	---	0.00571	---	36.8	119	0.00338	0.00213	---	---	234	---	2.54	< 0.071	---	13.5	< 0.116	4.71	< 0.101	0.806	22.9	268	---	35.8	---	---	---	75.7	211	---	---
	23-Sep-2015	1	20.3	---	108	167	---	---	0.107	---	307	1660	0.051	0.0756	---	---	2990	---	74.2	< 0.0567	---	132	1.98	58.6	1.24	5.23 [#1]	270	4590	---	526	---	---	---	884	3040	---	---
	31-Aug-2016	2	1.62	---	16	28.8	---	---	0.00964	---	73.5	181	0.00503	0.00652	---	---	278	---	6.28	2.93	---	10.6	< 0.121	4.19	< 0.118	0.448	25.2	445	---	57.7	---	---	---	82.7	240	---	---
	12-Sep-2017	3	0.872 [#1]	---	7.43	18.6	---	---	0.00551	---	34.5	107	0.00333	0.00343	---	---	197	---	3.41	< 0.056	---	9.11	< 0.211	3.98	< 0.182	0.497 [#1]	21.7	372	---	38.4	---	---	---	87.3	230	---	---
	29-Aug-2018	3	0.864 [#1]	---	7.05	16.2	---	---	0.00501	---	31.5	90.7	0.00312	0.00265	---	---	174	---	3.13	< 0.0487	---	11.7	< 0.146	4.04	0.225 [#1]	0.596	22.5	255	---	37.1	---	---	---	59.8	173	---	---
(Replicate A)	05-Sep-2019	4	0.93	---	8.28	19.5	---	---	0.00651	---	40.3	115	0.00347	0.00452	---	---	195	---	4.53	1.11	---	8.85	< 0.234	4.94	< 0.215	0.632	22.4	343	---	39.9	---	---	---	72.5	191	---	---
(Replicate B)	05-Sep-2019	4	1.42	---	12.3	25.4	---	---	0.00913	---	54.6	153	0.00492	0.00609	---	---	281	---	6.19	0.946	---	10.2	< 0.172	6.44	< 0.158	0.505	23.1	415	---	47.4	---	---	---	84.8	216	---	---
	25-Aug-2020	7	0.871	---	8.08	16	---	---	0.00573	---	33.1	96.3	0.00363	0.00364	---	---	189	---	3.93	0.289 [#1]	---	10.5	< 0.184	5.27	0.282	0.655	18.5	297	---	31.1	---	---	---	68.5	191	---	---
	29-Sep-2021	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	35.5	---	---	---	1.36	---	---	---	---	---	---	---	---	---	---	---	---
	29-Sep-2021	8	< 0.40	---	16.8	50.3	---	---	0.0172	---	54.0	292	0.00864	0.00998	---	---	473	---	10.9	< 0.066	---	---	7.53	10.4	< 0.32	---	90.3	1020	---	85.4	---	---	1280	---	---	650	---
	12-Oct-2022	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16.2	---	---	---	0.584	---	---	---	---	---	---	---	---	---	---	---	---
	12-Oct-2022	8	< 2.6	---	4.1	20.6	---	---	0.0040	---	17.5	111	< 0.0021	0.0025	---	---	187	---	< 2.5	< 2.1	---	---	< 2.9	3.5	< 2.1	---	25.1	371	---	19.7	---	---	420	---	---	225	---
	13-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10.3	---	---	---	0.434	---	---	---	---	---	---	---	---	---	---	---	---
	13-Sep-2023	5	< 1.6	---	4.03	10.0	---	---	0.0022	---	21.2	65.1	0.0014	< 0.0015	---	---	148	---	2.0	< 0.93	---	10.3	< 1.7	2.6	< 1.3	0.434	20.8	247	---	30.0	---	---	337	---	---	156	---
	14-Aug-2024	5	3.01	---	3.93	10.5	---	---	0.00391	---	21.2	70.8	0.00160	0.00209	---	---	139	---	2.18	< 0.17	---	9.89	< 0.35	1.74	< 0.25	0.451	15.9	225	---	20.0	---	---	296	---	---	150	---
	24-Sep-2025	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	14.6	---	---	---	1.91	---	---	---	---	---	---	---	---	---	---	---	---
Brook Trout 2+	11-Aug-2009	3	---	13.1	---	43.5	---	16.7	---	25.0	113	456	---	---	< 2.1	999	< 1.1	8.1	13.4	< 2.1	226	43.3	< 0.90	12.1	< 0.90	2.0 [#1]	< 1.5	---	153	---	69.3	---	---	309	---	---	< 2.0
	11-Aug-2010	5	---	14.5	---	83.3	---	11.7	---	24.3	104	509	---	---	< 1.2	654	< 0.90	6.5	12.4	< 1.2	310	61.3	< 0.80	23.4	< 0.70	2.50 [#1]	< 1.7	---	131	---	127	---	---	598	---	---	< 1.9
	12-Aug-2010	3	---	33.4	---	167	---	47.5	---	56.2	367	1170	---	---	< 2.1	3050	< 1.2	16.9	24.7	< 2.1	744	128	< 1.0	46.7	< 1.0	4.2 [#1]	< 2.1	---	448	---	367	---	---	1450	---	---	< 2.8
	01-Sep-2011	4	---	109	---	474	---	103	---	210	543	3940	---	---	< 4.0	3900	< 4.0	< 4.0	143	< 4.0	1990	229	< 3.0	97.6	< 3.0	12.2 [#1]	< 5.0	---	1580	---	985	---	---	3340	---	---	< 6.0
(Replicate)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	316	---	---	---	13.8	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate A)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	349	---	---	---	16.7	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate B)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	549	---	---	---	22.7	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate C)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	305	---	---	---	13.5 [#1]	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate D)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	496	---	---	---	24.4	---	---	---	---	---	---	---	---	---	---	---	---

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 58 (ng/kg)	PCB 58/67 (ng/kg)	PCB 59/62/75 (ng/kg)	PCB 60 (ng/kg)	PCB 61 (ng/kg)	PCB 62/65/75 (ng/kg)	PCB 63 (ug/kg)	PCB 63/76 (ng/kg)	PCB 64 (ng/kg)	PCB 66 (ng/kg)	PCB 67 (ug/kg)	PCB 68 (ug/kg)	PCB 69 (ng/kg)	PCB 70 (ng/kg)	PCB 70/61/74/76 (ng/kg)	PCB 71 (ng/kg)	PCB 72 (ng/kg)	PCB 73 (ng/kg)	PCB 74 (ng/kg)	PCB 77 (ng/kg)	PCB 78 (ng/kg)	PCB 79 (ng/kg)	PCB 80 (ng/kg)	PCB 81 (ng/kg)	PCB 82 (ng/kg)	PCB-83/99 (ng/kg)	PCB 83/119 (ng/kg)	PCB 84 (ng/kg)	PCB 84/89 (ng/kg)	PCB 85 (ng/kg)	PCB 85/110/115/116/117 (ng/kg)	PCB 85/116/117 (ng/kg)	PCB 86/87/97/108/119/125 (ng/kg)	PCB 86/87/97/109/119/125 (ng/kg)	PCB 86/108/125 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																																						
(Duplicate)	01-Sep-2011	4	---	137	---	563	---	191	---	257	990	5120	---	---	< 4.0	8090	< 2.0	< 4.0	167	< 4.0	2740	315	< 2.0	148	< 2.0	14.4	< 5.0	---	2270	---	1530	---	---	4980	---	---	< 7.0
	01-Sep-2012	4	---	7.66 #1	---	39.5	---	8.6	---	13.0	78.2	249	---	---	< 1.0	568	< 0.50	9.1	6.23	< 1.0	144	33.3	< 0.40	< 0.40	< 0.40	2.07 #1	< 1.0	---	99.0	---	75.7	---	---	258	---	---	< 1.0
	01-Sep-2013	4	2.05	---	11.3	82.8	---	---	0.0193	---	77.4	422	0.0099	0.00544	---	---	994	---	7.34	< 0.0569	---	50.3	< 0.384	28.6	< 0.334	3.46	107	1610	---	146	---	---	---	463	1340	---	---
	22-Sep-2014	4	1.24 #1	---	10.3	69.5	---	---	0.0166	---	58.9	340	0.00923	0.00556	---	---	829	---	6.65	< 0.0579	---	40.5	0.569 #1	19.8	< 0.352	1.77	88.5	1440	---	122	---	---	---	421	1170	---	---
(Replicate A)	22-Sep-2014	1	0.665	---	5.88	33.7	---	---	0.00701	---	33.7	146	0.00511	0.00211	---	---	378	---	3.01	< 0.0573	---	21.6	< 0.261	8.65	< 0.239	0.764	< 0.21	472	---	61.4	---	---	---	156	437	---	---
(Replicate B)	22-Sep-2014	1	0.995 #1	---	8.37	41.6	---	---	0.00855	---	41.6	185	0.00623	0.00264	---	---	431	---	4.2	< 0.0487	---	24.3	< 0.338	8.32	< 0.308	0.92	48.2	529	---	57.7	---	---	---	169	459	---	---
	23-Sep-2015	4	3.75	---	25.1	136	---	---	0.0348	---	149	697	0.0216	0.0143	---	---	1560	---	17.5	< 0.0799	---	75	< 0.371	38.7	0.557	3.83 #1	213	2610	---	308	---	---	---	736	2150	---	---
	31-Aug-2016	2	2.52	---	14.2	93.8	---	---	0.0249	---	85.9	531	0.0121	0.0103	---	---	1100	---	11.3	< 0.0557	---	51.3	< 0.168	25.9	< 0.16	2.72	112	1960	---	141	---	---	---	504	1300	---	---
	12-Sep-2017	3	1.84	---	9.08	35.9	---	---	0.0124	---	38.3	206	0.0082	0.00728	---	---	437	---	7.02	< 0.0582	---	19.1	< 0.266	9.73	< 0.229	1.14 #1	33.6	755	---	47.7	---	---	---	203	545	---	---
(Replicate A)	12-Sep-2017	1	1.07	---	6.27	30.8	---	---	0.00766	---	32.3	161	0.00461	0.0034	---	---	319	---	4.44	< 0.058	---	13.5	< 0.159	7.22	< 0.137	0.684 #1	20.1	544	---	32.3	---	---	---	143	362	---	---
	29-Aug-2018	3	4.01	---	19.8	54.8	---	---	0.0239	---	67.6	417	0.0161	0.0141	---	---	712	---	14.7	< 0.0548	---	27.7	< 0.516	18.3	< 0.462	1.02	46.4	983	---	71.8	---	---	---	236	661	---	---
(Replicate A)	05-Sep-2019	4	1.36	---	6.91	29.8	---	---	0.0081	---	32.4	158	0.00675	0.00373	---	---	322	---	5.75	1.02	---	26.1	< 0.233	11.1	0.406	1.43	44.3	451	---	43.2	---	---	---	133	372	---	---
(Replicate B)	05-Sep-2019	4	1.03	---	7.09	30.8	---	---	0.0085	---	33.5	164	0.00621	0.00364	---	---	329	---	5.41	0.689	---	24	< 0.361	10.3	< 0.325	1.68	36.7	487	---	38.5	---	---	---	145	385	---	---
(Replicate A)	25-Aug-2020	7	1.46	---	8.95	28.4	---	---	0.0101	---	37.5	176	0.00634	0.00557	---	---	341	---	6.3	< 0.063	---	21.4	< 0.329	10.2	< 0.296	1.23	34.8	604	---	43.7	---	---	---	163	411	---	---
(Replicate B)	25-Aug-2020	7	1.54	---	9.32	23.3	---	---	0.0101	---	35.9	164	0.00807	0.00692	---	---	304	---	7.16	0.607	---	18.7	< 0.249	10.4	0.32	1.58	33.9	540	---	42.7	---	---	---	140	376	---	---
	29-Sep-2021	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	26.3	---	---	---	1.11	---	---	---	---	---	---	---	---	---	---	---	---
	29-Sep-2021	10	< 0.33 #4	---	14.4 #4	41.1 #4	---	---	0.0156 #4	---	39.8 #4	252 #4	0.00862 #4	0.0103 #4	---	---	402 #4	---	10.9 #4	< 0.069 #4	---	---	7.08 #4	8.40 #4	< 0.26 #4	---	60.1 #4	1010 #4	---	52.4 #4	---	---	1100 #4	---	---	586 #4	---
	12-Oct-2022	9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	56.2	---	---	---	1.97	---	---	---	---	---	---	---	---	---	---	---	---
	12-Oct-2022	9	< 1.4	---	32.5	86.5	---	---	0.0378	---	84.6	565	0.0143	0.0237	---	---	866	---	22.9	< 0.17	---	---	12.4	18.2	< 1.1	---	106	1980	---	98.0	---	---	2090	---	---	1090	---
	13-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	17.4	---	---	---	0.782	---	---	---	---	---	---	---	---	---	---	---	---
	13-Sep-2023	5	< 1.8	---	5.35	16.6	---	---	0.0063	---	18.8	119	0.0030	0.0038	---	---	199	---	3.5	< 0.98	---	17.4	< 1.9	3.9	< 1.5	0.782	32.4	553	---	22.6	---	---	575	---	---	294	---
	14-Aug-2024	5	5.53	---	6.70	19.6	---	---	0.00757	---	30.1	152	0.00340	0.00386	---	---	267	---	4.27	< 0.16	---	19.6	< 0.36	4.19	< 0.25	0.890	39.3	528	---	34.6	---	---	699	---	---	360	---
(Replicate A)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15.8	---	---	---	2.40	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate B)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	34.3	---	---	---	6.81	---	---	---	---	---	---	---	---	---	---	---	---
Brook Trout 3+	04-Oct-2006	3	---	< 0.10	---	31	---	< 0.10	---	< 0.10	140	610	---	---	< 0.10	890	< 0.10	9.6	2.9	< 0.10	210	21	< 0.10	1.8	< 0.10	< 0.10	< 0.10	---	59	---	61	---	---	250	---	---	< 0.10
	11-Aug-2010	5	---	11.7	---	65.8	---	7.9	---	18.2	82.1	366	---	---	< 1.1	498	< 0.80	10.0	8.9	< 1.1	223	43.5	< 0.70	16.8	< 0.70	1.82	< 1.6	---	125	---	93.2	---	---	441	---	---	< 1.8
(Duplicate)	11-Aug-2010	5	---	10.6	---	64.5	---	6.47	---	18.5	76.4	378	---	---	< 0.90	507	< 0.70	10.4	8.23	< 0.90	229	38.7	< 0.60	14.9	< 0.60	2.39	< 1.6	---	128	---	91.3	---	---	386	---	---	< 1.8
(Replicate A)	12-Aug-2010	4	---	18.3	---	103	---	26.0	---	35.8	238	729	---	---	< 2.3	2160	< 1.2	10.0	14.2	< 2.2	480	83.1	< 1.0	27.0	< 1.0	3.9	< 1.8	---	253	---	253	---	---	781	---	---	< 2.4
(Replicate A)	01-Sep-2012	1	---	4.66	---	25.2	---	5.09 #1	---	8.32	43.9	158	---	---	< 0.70	325	< 0.30	3.03 #1	4.08	< 0.70	92.3	16.2	< 0.30	5.38	< 0.20	0.97	< 0.60	---	66.6	---	34.6	---	---	172	---	---	< 0.60
(Replicate B)	01-Sep-2012	1	---	3.07	---	16.3	---	2.52	---	4.83 #1	29.0 #1	88.4	---	---	< 0.80	183	< 0.40	2.84 #1	2.81	< 0.80	53.8	14.5	< 0.30	2.36	< 0.30	1.05	< 0.70 #1	---	28.2	---	20.6	---	---	86.1	---	---	< 0.80
(Duplicate)	01-Sep-2012	1	---	4.10	---	23.4	---	6.09	---	8.43	44.8	149	---	---	< 0.70	313	< 0.30	3.94	4.57	< 0.70	85.8	16.8	< 0.30	4.63	< 0.20	1.30 #1	< 0.60	---	63.0	---	31.5	---	---	162	---	---	< 0.60
(Replicate C)	01-Sep-2013	1	2.04	---	10.1	32	---	---	0.0147	---	34.6	247	0.0056	0.00771	---	---	377	---	7.53	< 0.0781	---	18.9	< 0.238	11.6	0.268	1.62	29.9	923	---	44.8	---	---	---	189	476	---	---
(Replicate D)	01-Sep-2013	1	1.41	---	7.78	43.4	---	---	0.0126	---	38	237	0.00555	0.00456	---	---	497	---	5.61	< 0.0923	---	24.2	< 0.404	16.5	< 0.352	2.24	41.9	936	---	48.3	---	---	---	275	698	---	---
(Known (External Reference Material) Duplicate)	01-Sep-2013	1	---	< 3.0	---	33.9	---	< 5.0	---	8.2 #1	58.3	166	---	---	< 5.0	396	< 3.0	9.1	< 3.0	< 5.0	116	31.4 #1	< 3.0	8.9	< 3.0	< 4.0	< 4.0	---	64.0	---	34.3	---	---	215	---	---	< 5.0
	22-Sep-2014	4	2.37	---	16.3	81	---	---	0.0265	---	67.6	547	0.0115	0.0153	---	---	1020	---	14.9	< 0.0578	---	45	0.696	29.6	0.764 #1	2.29	102	2380	---	111	---	---	---	562	1530	---	---
(Replicate A)	22-Sep-2014	4	0.925 #1	---	7.44	44	---	---	0.00944	---	40.2	195	0.00552	0.00312	---	---	438	---	4.24	< 0.0567	---	22.3	0.205 #1	9.78	0.313	0.947	38.4	694	---	48.9	---	---	---	219	528	---	---
(Replicate B)	22-Sep-2014	1	< 0.769	---	4.31	37.8	---	---	0.0092	---	26.5	195	0.00405	0.0031	---	---	437	---	3.75	< 0.0574	---	17	< 0.789	16	< 0.718	0.97 #1	36.8	1190	---	40.8	---	---	---	350	847	---	---
(Duplicate)	22-Sep-2014	1	3.19	---	16.3	69.5	---	---	0.0261	---	66.6	499	0.0118	0.0145	---	---	1000	---	14.3	< 0.056	---	40	0.751 #1	25.3	0.517 #1	2.08 #1	102	2390	---	122	---	---	---	550	1530	---	---
	23-Sep-2015	3	7.61	---	45.3	206	---	---	0.0624	---	262	1160	0.0392	0.0271	---	---	2590	---	32.2	< 0.0572	---	122	1.7 #1	64.4	< 0.671	5.74 #1	350	4030	---	448	---	---	---	1100	3310	---	---
	31-Aug-2016	2	8.08	---	34.7	200	---	---	0.0608	---	202	1230	0.037	0.0276	---	---	2660	---	28.1	< 0.0551	---	105	< 0.227	49.5	< 0.216	5.39	226	4330	---	370	---	---	---	1120	3370	---	---
(Replicate A)	31-Aug-2016	2	4.6	---	20.5	117	---	---	0.0432	---	106	827	0.0223	0.0228	---	---	1540	---	22.1	2.15	---	68.9	< 0.163	32.9	< 0.159	3.2	175	2860	---	174	---	---	---	709	2090	---	---
(Duplicate)	31-Aug-2016	1	6.13	---	33.8	192	---	---	0.0574	---	197	1170	0.035	0.0253	---	---	2550	---	27.2	< 0.0561	---	102	< 0.211	59.6	< 0.2	5.29	221	4370	---	365	---	---	---	1110	3290	---	---
	12-Sep-2017	3	1.5	---	7.56	46.5	---	---	0.0138	---	41	257	0.00731	0.00699	---	---	537	---	6.41	< 0.0559	---	26.9	< 0.182	15.2	< 0.157	1.96 #1	64.5	990	---	69.1	---	---	---	294	771	---	---
	29-Aug-2018	3	2.08	---	12.5	50.9	---	---	0.0174	---	50.5	323	0.0125	0.00964	---	---	607	---	10.9	< 0.0496	---	28.8	< 0.488	18.1	< 0.438	1.47	44.9	956	---	59.7	---	---	---	248	650	---	---
(Duplicate)	29-Aug-2018	3	2.21	---	11.7	46	---	---	0.0168	---	48.1	282	0.0112	0.00901	---	---	558	---	10.2	< 0.0539	---	27.2	< 0.314	10.9	< 0.288	1.3	37.2	863	---	55.7	---	---	---	220	605	---	---
(Lab Replicate)	29-Aug-2018	3	2.33	---	11.5	46.6	---	---	0.016	---	47	281	0.0111	0.00894	---	---	553	---	9.64	< 0.0473	---	26.2	< 0.356	12.2	0.349	1.09	37.2	876	---	55.9	---	---	---	226	609	---	---
	05-Sep-2019	4	1.74	---	11.3	44.8	---	---	0.0147	---	47.6	276	0.00929	0.00736	---	---	510	---	8.78	1.5	---	31.1	< 1.58	15.3	< 1.42	2.16	47	817	---	57	---	---	---	227	610	---	---
	29-Sep-2021	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	24.1	---	---	---	0.723	---	---	---	---	---	---	---	---	---	---	---	---
	29-Sep-2021	3	< 0.50	---	12.4	35.6	---	---	0.0131	---	38.5	218	0.00706	0.00848	---	---	381	---	8.69	< 0.13	---	---	5.55	7.02	< 0.40	---	53.2	768	---	50.2	---	---	940	---	---	479	---
(Duplicate)	29-Sep-2021	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	59.3	---	---	---	2.12	---	---	---	---	---	---	---	---	---	---	---	---
(Duplicate)	29-Sep-2021	3	< 1.9	---	29.3	86.1	---	---	0.0303	---	87.2	534	0.0169	0.0150	---	---	914	---	16.0	< 0.19	---	---	12.7	16.1	< 1.5	---	123	1840	---	112	---	---	2260	---	---	1160	---

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 58 (ng/kg)	PCB 58/67 (ng/kg)	PCB 59/62/75 (ng/kg)	PCB 60 (ng/kg)	PCB 61 (ng/kg)	PCB 62/65/75 (ng/kg)	PCB 63 (ug/kg)	PCB 63/76 (ng/kg)	PCB 64 (ng/kg)	PCB 66 (ng/kg)	PCB 67 (ug/kg)	PCB 68 (ug/kg)	PCB 69 (ng/kg)	PCB 70 (ng/kg)	PCB 70/61/74/76 (ng/kg)	PCB 71 (ng/kg)	PCB 72 (ng/kg)	PCB 73 (ng/kg)	PCB 74 (ng/kg)	PCB 77 (ng/kg)	PCB 78 (ng/kg)	PCB 79 (ng/kg)	PCB 80 (ng/kg)	PCB 81 (ng/kg)	PCB 82 (ng/kg)	PCB-83/99 (ng/kg)	PCB 83/119 (ng/kg)	PCB 84 (ng/kg)	PCB 84/89 (ng/kg)	PCB 85 (ng/kg)	PCB 85/110/115/116/117 (ng/kg)	PCB 85/116/117 (ng/kg)	PCB 86/87/97/108/119/125 (ng/kg)	PCB 86/87/97/109/119/125 (ng/kg)	PCB 86/108/125 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																																					
	12-Oct-2022	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	27.3	---	---	---	1.09	---	---	---	---	---	---	---	---	---	---	---
	12-Oct-2022	3	< 3.0	---	21.7	26.6	---	---	0.0190	---	45.5	380	< 0.0025	0.0150	---	---	536	---	15.0	< 0.75	---	---	12.0	15.4	< 2.4	---	73.0	1730	---	64.9	---	---	1510	---	---	936	---
	13-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	34.3	---	---	---	1.48	---	---	---	---	---	---	---	---	---	---	---
	13-Sep-2023	5	7.53	---	11.5	33.7	---	---	0.0152	---	36.5	252	0.00671	0.0107	---	---	380	---	10.1	< 0.11	---	34.3	< 0.37	6.70	5.88	1.48	64.1	1210	---	62.8	---	---	1560	---	---	559	---
	14-Aug-2024	3	6.50	---	7.46	21.1	---	---	0.00983	---	29.0	179	0.00433	0.00547	---	---	298	---	5.54	< 0.23	---	28.9	< 0.44	5.15	< 0.31	1.23	39.1	584	---	33.9	---	---	759	---	---	396	---
(Duplicate)	14-Aug-2024	3	7.56	---	8.29	26.7	---	---	0.0117	---	35.0	223	0.00530	0.00652	---	---	351	---	6.53	< 0.14	---	49.1	< 0.28	7.45	< 0.20	1.98	40.2	751	---	42.0	---	---	985	---	---	514	---
(Replicate A)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	46.7	---	---	---	6.17	---	---	---	---	---	---	---	---	---	---	---
(Duplicate)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	93.2	---	---	---	9.79	---	---	---	---	---	---	---	---	---	---	---
(Replicate B)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	17.1	---	---	---	<2.3	---	---	---	---	---	---	---	---	---	---	---
(Replicate B)	24-Sep-2025	3	<2.2	---	6.74	20.6	---	---	9.11	---	28.5	169	5.69	5.2	---	---	307	---	5.74	<0.29	---	31.4	0.227	7.46	3.92	1.2	32	564	---	40.4	---	---	960	---	---	345	---
Brook Trout 4+	04-Oct-2006	7	---	37	---	220	---	43	---	72	470	1600	---	---	< 0.40	3400	< 0.20	29	27	< 0.40	740	220	< 0.20	48	1.0	6.3	< 0.10	---	400	---	350	---	---	1100	---	---	< 0.20
	01-Sep-2011	2	---	49.8	---	218	---	47.0	---	87.3	350	1670	---	---	< 3.0	2170	< 2.0	< 3.0	58.8	< 3.0	895	139	< 2.0	35.2	< 2.0	6.0 [#1]	< 3.0	---	616	---	458	---	---	1370	---	---	< 4.0
	01-Sep-2013	2	13.2	---	56.2	193	---	---	0.0803	---	225	1710	0.0345	0.043	---	---	2970	---	47.5	< 0.0551	---	137	< 1.94	102	< 1.69	10.1	267	5890	---	435	---	---	---	1200	3890	---	---
	22-Sep-2014	1	5.51	---	39.3	262	---	---	0.0679	---	249	1470	0.029	0.025	---	---	3390	---	29.2	< 0.0574	---	157	1.49 [#1]	91.3	< 1.25	7.15	343	6200	---	598	---	---	---	1670	4870	---	---
(Replicate A)	23-Sep-2015	1	3.55	---	19.0	85.9	---	---	0.0254	---	91.8	473	0.0122	0.0111	---	---	994	---	11.6	< 0.0557	---	45.7	< 0.819	23.9	< 0.763	2.6 [#1]	97.4	1580	---	150	---	---	---	438	1230	---	---
(Replicate B)	23-Sep-2015	1	3.4	---	18.0	92.6	---	---	0.0296	---	87.4	548	0.013	0.0125	---	---	1170	---	13.7	< 0.0562	---	52	1.13	34.3	< 0.328	2.95 [#1]	98.5	2460	---	149	---	---	---	608	1710	---	---
	12-Sep-2017	1	2.12	---	11.8	70.4	---	---	0.0212	---	61.5	409	0.0123	0.0103	---	---	839	---	10.2	< 0.0654	---	39.7	< 0.125	20.5	< 0.108	1.91 [#1]	50.3	1660	---	100	---	---	---	454	1180	---	---
(Replicate A)	29-Aug-2018	1	4.22	---	22.5	121	---	---	0.0361	---	103	722	0.0283	0.0178	---	---	1560	---	23.7	< 0.0492	---	67.9	< 0.507	37.5	< 0.454	2.78	133	2290	---	164	---	---	---	618	1700	---	---
(Replicate B)	29-Aug-2018	1	1.27	---	8.81	54.3	---	---	0.0136	---	37.4	289	0.00556	0.00454	---	---	528	---	5.87	< 0.0488	---	18.1	< 0.271	15.2	< 0.243	1.06	44.1	1340	---	43.8	---	---	---	368	840	---	---
(Replicate C)	29-Aug-2018	1	1.96	---	11.5	55.7	---	---	0.0159	---	50.6	317	0.00827	0.00632	---	---	648	---	7.65	< 0.048	---	30.4	< 0.299	16.1	< 0.268	1.53	52.9	1130	---	59.8	---	---	---	313	793	---	---
	25-Aug-2020	1	0.81	---	5.15	19.5	---	---	0.00611	---	21.9	107	0.00387	0.00264	---	---	229	---	3.67	< 0.0652	---	13.6	< 0.322	7.46	< 0.289	1.16	17.3	366	---	23.3	---	---	---	111	276	---	---
	29-Sep-2021	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	31.9	---	---	---	1.26	---	---	---	---	---	---	---	---	---	---	---
	29-Sep-2021	1	< 0.64	---	17.2	49.3	---	---	0.0184	---	50.8	294	0.00991	0.0116	---	---	516	---	13.0	< 0.13	---	---	7.64	9.41	< 0.50	---	81.0	1010	---	74.9	---	---	1280	---	---	652	---
	24-Sep-2025	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10.8	---	---	---	<7.7	---	---	---	---	---	---	---	---	---	---	---
	24-Sep-2025	1	4.3	---	4.72	16.9	---	---	6.91	---	19.5	111	3.17	3.48	---	---	193	---	3.84	<0.22	---	11	<0.26	3.8	1.86	0.712	17.7	399	---	19.1	---	---	455	---	---	268	---
Brook Trout 5+	04-Oct-2006	5	---	< 0.10	---	120	---	20	---	31	290	900	---	---	< 0.30	2300	< 0.20	29	11	< 0.30	400	130	< 0.10	21	< 0.10	4.0	< 0.20	---	200	---	< 0.30	---	---	600	---	---	< 0.20
	01-Sep-2007	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	2	---	13	---	70	---	20	---	26	130	570	---	---	< 2.4	1400	< 0.90	6.0	15	< 2.5	240	68	15	14	< 0.70	2.4	< 1.6	---	140	---	59	---	---	320	---	---	< 2.1
	12-Aug-2010	1	---	6.3	---	43.9	---	4.6	---	11.5	84.2	232	---	---	< 1.7	595	< 1.1	10.8	3.81	< 1.7	144	22.4	< 0.90	8.28	< 0.90	2.0 [#1]	< 1.7	---	79.1	---	74.0	---	---	290	---	---	< 2.2
	01-Sep-2013	1	17.6	---	94.5	385	---	---	0.141	---	395	3160	0.0579	0.0712	---	---	5200	---	83.6	< 0.0998	---	293	< 1.24	185	< 1.08	16.8	326	11400	---	676	---	---	---	2560	7500	---	---
(Known (External Reference Material) Duplicate)	01-Sep-2013	1	---	60.1	---	314	---	85.9	---	107	630	2330	---	---	< 7.0	5440	< 4.0	7.6 [#1]	70.8	< 7.0	1300	348	< 4.0	103	< 3.0	16.0	< 5.0	---	980	---	508	---	---	2500	---	---	< 6.0
	23-Sep-2015	1	4.07	---	26.5	143	---	---	0.0378	---	154	744	0.0226	0.015	---	---	1730	---	18	< 0.0572	---	77.1	1.08	39.2	< 0.455	4.2 [#1]	191	2430	---	283	---	---	---	712	2030	---	---
	30-Aug-2016	1	3.12	---	13.4	77	---	---	0.0274	---	64.1	497	0.0135	0.0141	---	---	1010	---	13.8	2.64	---	41.4	< 0.753	25.4 [#1]	< 0.718	2.14	85.2	2440	---	110	---	---	---	617	1650	---	---
	12-Sep-2017	1	7.43	---	27.2	190	---	---	0.0602	---	129	1170	0.0392	0.0298	---	---	2140	---	34.9	< 0.072	---	158	< 0.249	46.9	< 0.218	11.1	129	4730	---	206	---	---	---	1580	3070	---	---
(Re-analysis)	12-Sep-2017	1	5.1	---	22.4	146	---	---	0.0468	---	104	854	0.0284	0.0212	---	---	1520	---	25.6	< 0.0686	---	114	< 0.732	31.9	< 0.671	8.09	93	3400	---	143	---	---	---	1020	2150	---	---
	29-Sep-2021	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	27.5	---	---	---	1.24	---	---	---	---	---	---	---	---	---	---	---
	29-Sep-2021	1	< 2.2 [#4]	---	13.9 [#4]	43.6 [#4]	---	---	0.0110 [#4]	---	44.7 [#4]	254 [#4]	0.0048 [#4]	0.0044 [#4]	---	---	477 [#4]	---	5.3 [#4]	< 0.85 [#4]	---	---	6.2 [#4]	6.8 [#4]	< 1.7 [#4]	---	55.0 [#4]	832 [#4]	---	39.0 [#4]	---	---	1050 [#4]	---	---	576 [#4]	---
Brook Trout 6+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	---	9.9	---	68	---	16	---	22	110	430	---	---	< 2.2	930	< 1.0	3.6	8.9	< 2.3	220	28	< 0.90	13	< 0.80	1.6	< 2.2	---	160	---	48	---	---	430	---	---	< 2.8
Brook Trout 7+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Duplicate)	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	---	5.7	---	43	---	7.8	---	8.4	70	190	---	---	< 1.3	490	< 0.70	3.8	3.0	< 1.3	110	27	7.6	5.3	< 0.50	0.78	< 1.3	---	41	---	42	---	---	120	---	---	< 1.7
(Duplicate)	11-Sep-2007	3	---	5.0	---	35	---	6.1	---	7.1	59	170	---	---	< 1.8	420	< 0.90	3.6	2.9	< 1.9	97	24	5.9	4.7	< 0.70	< 0.90	< 1.7	---	38	---	34	---	---	110	---	---	< 2.2
Brook Trout 11+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	---	16	---	93	---	36	---	32	220	670	---	---	< 2.8	2000	< 0.90	< 2.9	15	< 2.9	310	72	21	17	< 0.70	2.7	< 1.7	---	200	---	74	---	---	470	---	---	< 2.1
Brook Trout 12+	01-Sep-2007	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	2	---	22	---	110	---	32	---	42	190	860	---	---	< 2.2	1800	< 1.1	4.4	24	< 2.3	410	100	25	22	< 0.90	3.3	< 2.1	---	260	---	110	---	---	600	---	---	< 2.6
Brook Trout Unknown	23-Jul-2008	3	---	3.3	---	18	---	3.3	---	4.7	36	100	---	---	< 0.60	100	< 0.70	3.5	3.4	< 0.60	56	14	< 0.60	2.7	< 0.50	0.88	< 0.80	---	26	---	23	---	---	79	---	---	< 1.0
(Replicate)	23-Jul-2008	3	---	1.7	---	11	---	2.3	---	2.7	30	51	---	---	< 0.40	59	< 0.50	4.2	1.8	< 0.50	30	4.8	< 0.40	1.4	< 0.40	< 0.50	< 0.70	---	13	---	17	---	---	33	---	---	< 0.80

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 58 (ng/kg)	PCB 58/67 (ng/kg)	PCB 59/62/75 (ng/kg)	PCB 60 (ng/kg)	PCB 61 (ng/kg)	PCB 62/65/75 (ng/kg)	PCB 63 (ug/kg)	PCB 63/76 (ng/kg)	PCB 64 (ng/kg)	PCB 66 (ng/kg)	PCB 67 (ug/kg)	PCB 68 (ug/kg)	PCB 69 (ng/kg)	PCB 70 (ng/kg)	PCB 70/61/74/76 (ng/kg)	PCB 71 (ng/kg)	PCB 72 (ng/kg)	PCB 73 (ng/kg)	PCB 74 (ng/kg)	PCB 77 (ng/kg)	PCB 78 (ng/kg)	PCB 79 (ng/kg)	PCB 80 (ng/kg)	PCB 81 (ng/kg)	PCB 82 (ng/kg)	PCB-83/99 (ng/kg)	PCB 83/119 (ng/kg)	PCB 84 (ng/kg)	PCB 84/89 (ng/kg)	PCB 85 (ng/kg)	PCB 85/110/115/116/117 (ng/kg)	PCB 85/116/117 (ng/kg)	PCB 86/87/97/108/119/125 (ng/kg)	PCB 86/87/97/109/119/125 (ng/kg)	PCB 86/108/125 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																																						
(Replicate A)	23-Jul-2008	2	---	4.6	---	20	---	4.2	---	7.0	34	120	---	---	< 0.30	120	< 0.40	4.4	4.7	< 0.40	59	18	< 0.30	3.9	< 0.30	0.70	< 0.60	---	38	---	26	---	---	97	---	---	< 0.80
(Replicate B)	23-Jul-2008	2	---	3.3	---	21	---	2.3	---	4.4	27	88	---	---	< 0.40	99	< 0.50	3.1	2.2	< 0.40	51	12	< 0.40	2.7	< 0.40	0.64	< 0.60	---	19	---	21	---	---	68	---	---	< 0.80
(Replicate C)	23-Jul-2008	2	---	1.9	---	18	---	2.0	---	3.7	30	73	---	---	< 0.60	100	< 0.60	5.9	1.8	< 0.60	46	19	< 0.50	2.7	< 0.50	0.90	< 0.90	---	16	---	17	---	---	60	---	---	< 1.1
	12-Oct-2022	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	33.3	---	---	---	1.34	---	---	---	---	---	---	---	---	---	---	---	---
	12-Oct-2022	1	< 3.0	---	23.6	32.0	---	---	0.0200	---	54.8	394	< 0.0024	0.0161	---	---	576	---	16.0	< 1.1	---	---	10.1	14.8	< 2.4	---	85.0	1330	---	79.3	---	---	1460	---	785	---
	13-Sep-2023	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	18.5	---	---	---	0.896	---	---	---	---	---	---	---	---	---	---	---	---
	13-Sep-2023	1	3.70 [#5]	---	7.10 [#5]	21.4 [#5]	---	---	0.00889 [#5]	---	22.8 [#5]	151 [#5]	0.00367 [#5]	0.00581 [#5]	---	---	228 [#5]	---	5.04 [#5]	< 0.13 [#5]	---	18.5	< 0.38 [#5]	3.96 [#5]	3.26 [#5]	0.896	34.2 [#5]	782 [#5]	---	33.7 [#5]	---	---	944 [#5]	---	---	342 [#5]	---
(Replicate)	13-Sep-2023	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.0	---	---	---	0.915	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate)	13-Sep-2023	1	< 1.7	---	6.68	18.4	---	---	0.0087	---	21.7	162	0.0039	0.0073	---	---	253	---	5.9	< 0.74	---	22.0	3.6	3.8	< 1.4	0.915	28.6	681	---	26.1	---	---	696	---	---	345	---
(Replicate A)	14-Aug-2024	1	5	---	5.92	22.2	---	---	0.00785	---	30.3	156	0.00358	0.00388	---	---	275	---	3.85	< 0.23	---	20.3	< 0.40	4.39	< 0.28	1.05	31.2	560	---	28.5	---	---	662	---	---	348	---
(Replicate B)	14-Aug-2024	1	21.3	---	32.8	43.3	---	---	0.038	---	91.8	499	0.0145	0.0251	---	---	744	---	21.7	< 0.18	---	57.9	< 0.45	13.1	< 0.32	2.18	108	1500	---	136	---	---	1950	---	---	1020	---
(Replicate C)	14-Aug-2024	1	5.43	---	4.9	18.3	---	---	0.00652	---	26.2	133	0.00279	0.0035	---	---	236	---	3.69	< 0.16	---	17.3	< 0.29	4.1	< 0.20	0.885	36.1	467	---	33	---	---	648	---	---	335	---
	24-Sep-2025	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	36.3	---	---	---	<6.3	---	---	---	---	---	---	---	---	---	---	---	---
Brook Trout (Muscle only) 3+	01-Feb-2012	1	---	5.4	---	45.7	---	4.0 [#1]	---	8.8	67.3	230	---	---	< 3.0	345	< 2.0	< 3.0	< 2.0	< 3.0	103	29.4 [#1]	< 2.0	7.0	< 1.0	2.5	< 5.0	---	133	---	160	---	---	367	---	---	< 7.0
Brook Trout (Skin Only) 3+	01-Feb-2012	1	---	11.3	---	93.1	---	8.8	---	19.5	124	479	---	---	< 3.0	774	< 2.0	< 3.0	9.2	< 3.0	199	58.6	< 2.0	14.5	< 1.0	3.2 [#1]	< 5.0	---	274	---	284	---	---	715	---	---	< 7.0
Brook Trout (Stomach) 1+	01-Sep-2012	4	---	< 1.0	---	11.8	---	< 2.0	---	< 0.90	42.3	33.4	---	---	< 2.0	59.2	< 1.0	27.6	< 1.0	< 2.0	20.8	6.3	< 0.90	< 0.90	< 0.80	< 1.0	< 2.0	---	< 2.0	---	17.5	---	---	14.4	---	---	< 2.0
Brook Trout (Stomach) 2+	01-Sep-2012	4	---	< 2.0	---	12.8 [#1]	---	< 3.0	---	< 2.0	39.2	42.2 [#1]	---	---	< 3.0	52.4	< 2.0	20.5 [#1]	< 3.0	< 3.0	26.0 [#1]	9.2 [#1]	< 2.0	< 2.0	< 2.0	< 2.0	< 4.0	---	< 4.0	---	16.4	---	---	25.8 [#1]	---	---	< 4.0
Brook Trout (Stomach) 3+ (Replicate A)	01-Sep-2012	1	---	< 1.0	---	9.0	---	< 2.0	---	< 1.0	36.4	26.0	---	---	< 2.0	38.7	< 1.0	20.7 [#1]	< 1.0	< 2.0	15.8	5.5 [#1]	< 1.0	< 1.0	< 0.80	< 1.0	< 2.0	---	< 2.0	---	13.5	---	---	9.6	---	---	< 2.0
(Replicate B)	01-Sep-2012	1	---	< 2.0	---	14.6 [#1]	---	< 3.0	---	< 2.0	53.2	68.8 [#1]	---	---	< 3.0	104	< 2.0	27.9	< 2.0	< 3.0	33.1	12.7 [#1]	< 2.0	< 2.0	< 1.0	< 2.0	< 3.0	---	13.5	---	20.1	---	---	54.9	---	---	< 3.0
White Sucker 1+	01-Feb-2012	1	---	< 1.0	---	61.7	---	4.1	---	12.1	72.7	300	---	---	< 2.0	310	< 2.0	15.1	< 2.0	< 2.0	126	26.3	< 1.0	< 1.0	< 1.0	2.9	< 4.0	---	104	---	98.5	---	---	405	---	---	< 5.0
	21-Sep-2014	2	< 0.106	---	1.11	5.27	---	---	0.00107	---	5.5	25.3	0.000426	0.000297	---	---	52.4	---	0.429 [#1]	< 0.0579	---	3.39	< 0.113	1.46	< 0.101	0.183 [#1]	10.5	89.3	---	9.89	---	---	30.2	83.1	---	---
White Sucker 2+	01-Feb-2012	1	---	< 0.80	---	5.36	---	< 1.0	---	< 0.70	15.7	19.2	---	---	< 1.0	28.5	< 0.90	5.0 [#1]	< 1.0	< 1.0	11.5 [#1]	3.68 [#1]	< 0.80	< 0.70	< 0.70	1.53 [#1]	< 2.0	---	< 3.0	---	13.4	---	---	23.5	---	---	< 3.0
	22-Sep-2014	4	0.151 [#1]	---	1.58	6.86	---	---	0.00166	---	7.42	34.7	0.000679	0.000468	---	---	69.1	---	0.746 [#1]	< 0.0573	---	3.99	< 0.117	2.13	< 0.104	0.221 [#1]	14.8	132	---	12.8	---	---	44.8	121	---	---
White Sucker 3+	01-Feb-2012	1	---	< 2.0	---	12.2	---	< 4.0	---	< 2.0	31.3	40.0	---	---	< 4.0	60.6	< 2.0	< 4.0	< 3.0	< 4.0	16.9	9.1	< 2.0	< 2.0	< 2.0	< 2.0	< 8.0	---	< 10	---	62	---	---	63	---	---	< 10
White Sucker 6+	01-Sep-2007	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	4	---	< 0.40	---	5.7	---	< 1.0	---	1.2	13	23	---	---	< 1.0	56	< 0.50	4.1	< 0.50	< 1.0	14	2.9	0.98	0.75	< 0.40	< 0.40	< 1.0	---	5.3	---	4.2	---	---	19	---	---	< 1.3
White Sucker 7+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	---	< 0.60	---	4.8	---	< 1.3	---	< 0.50	8.9	19	---	---	< 1.2	39	< 0.60	< 1.3	< 0.60	< 1.3	12	2.8	0.88	0.55	< 0.50	< 0.60	< 1.4	---	< 1.9	---	4.4	---	---	23	---	---	< 1.9
White Sucker 8+	01-Sep-2007	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	5	---	< 0.50	---	3.6	---	1.2	---	< 0.40	12	15	---	---	< 1.1	41	< 0.50	4.5	< 0.50	< 1.1	9.2	2.4	0.70	< 0.40	< 0.40	< 0.50	< 1.2	---	< 1.5	---	3.7	---	---	18	---	---	< 1.5
	11-Aug-2009	4	---	< 7.7	---	11.4	---	< 7.8	---	< 7.4	34.0	97.1	---	---	< 7.9	135	< 8.5	< 7.8	< 7.7	< 8.4	67.1	< 7.0	< 5.7	< 5.6	< 5.1	< 5.8	< 11	---	< 16	---	< 19	---	---	50	---	---	< 15
White Sucker 9+	01-Sep-2007	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	4	---	< 0.50	---	5.9	---	< 1.0	---	1.4	12	27	---	---	< 0.90	60	< 0.50	3.6	< 0.50	< 1.0	17	3.6	1.5	0.90	< 0.40	< 0.50	< 1.1	---	6.6	---	5.5	---	---	34	---	---	< 1.4
White Sucker 10+	11-Aug-2009	4	---	< 7.0	---	15.6	---	< 18	---	< 6.7	80	102	---	---	< 19	314	< 7.7	24	< 7.0	< 20	69.2	< 7.5	< 5.2	< 5.1	< 4.7	< 5.3	< 8.4	---	< 12	---	< 15	---	---	48	---	---	< 11
CRL-1	27-Jun-2012	---	---	< 9.0	---	74	< 10	< 10	---	< 9.0	202	224	---	---	< 10	344	---	107	< 9.0	< 10	99.3	< 10	< 10	< 9.0	< 8.0	< 10	< 10	---	< 10	---	98	< 20	---	---	---	---	< 10
CRL-2	27-Jun-2012	---	---	< 6.0	---	56.4	< 6.0	< 7.0	---	14.1	214	260	---	---	< 7.0	412	---	129	< 6.0	< 7.0	139	22.3	< 6.0	< 6.0	< 5.0	< 6.0	< 5.0	---	< 6.0	---	55.7	33.9	---	---	---	---	< 6.0
CRL-3	26-Jun-2012	---	---	< 7.0	---	75.1	< 8.0	< 9.0	---	< 7.0	179	229	---	---	< 9.0	362	---	114	< 7.0	< 10	122	23.7	< 7.0	< 7.0	< 6.0	< 8.0	< 7.0	---	< 8.0	---	87.7	41.2	---	---	---	---	< 8.0
CRL-FB2	27-Jun-2012	---	---	< 10	---	< 10	< 20	< 20	---	< 10	221	171	---	---	< 20	341	---	110	< 10	< 20	113	< 20	< 10	< 10	< 10	< 20	< 30	---	< 30	---	< 40	< 40	---	---	---	---	< 30
Forage Fish	04-Nov-2014	---	0.464	---	1.64	21.1	---	---	0.00387	---	11	76.3	0.00111	0.00133	---	---	181	---	1.13	0.444	---	17.7	< 0.274	3.62	< 0.243	1.03	69.1	237	---	41.5	---	---	142	356	---	---
Invertebrates	22-Aug-2014	---	1.6	---	4.5	68.4	---	---	0.0152	---	33.9	297	0.00685	0.0029	---	---	987	---	3.88	4.08	---	125	< 1.61	20.3	< 1.42	4.85	179	1350	---	104	---	---	435	1310	---	---
Edith Lake																																						
Brook Trout 1+	11-Aug-2009	7	---	< 1.7	---	10.4	---	< 8.4	---	3.3	36.4	43.5	---	---	< 8.6	268	< 1.8	< 8.5	< 1.6	< 9.1	28.0	3.7	< 1.2	< 1.2	< 1.1	< 1.2	< 3.1	---	5.9	---	7.3	---	---	22.9	---	---	< 4.0
	01-Sep-2011	4	---	3.0 [#1]	---	12.0	---	2.5	---	5.0 [#1]	43.6	72.5	---	---	< 2.0	96.2	< 1.0	3.1 [#1]	3.9	< 2.0	38.8	4.84 [#1]	< 1.0	< 1.0	< 0.90	< 0.80	< 2.0	---	23.7 [#1]	---	23.9	---	---	43.8	---	---	< 2.0
(Duplicate)	01-Sep-2011	4	---	< 2.0	---	19.7	---	< 3.0	---	6.8	45.5	127	---	---	< 3.0	142	< 2.0	< 3.0	4.5	< 3.0	54.2	9.0 [#1]	< 2.0	2.8 [#1]	< 2.0	< 2.0	< 4.0	---	37.9	---	36.4	---	---	76.9	---	---	< 5.0
	01-Sep-2012	3	---	3.65	---	19.2	---	5.3	---	5.80 [#1]	63.8	109	---	---	< 1.0	155	< 0.50	6.3 [#1]	4.58	< 1.0	56.0	10.1	< 0.50	2.22	< 0.40	< 0.60	< 0.90	---	36.0	---	33.0	---	---	84.0	---	---	< 1.0

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 58 (ng/kg)	PCB 58/67 (ng/kg)	PCB 59/62/75 (ng/kg)	PCB 60 (ng/kg)	PCB 61 (ng/kg)	PCB 62/65/75 (ng/kg)	PCB 63 (ug/kg)	PCB 63/76 (ng/kg)	PCB 64 (ng/kg)	PCB 66 (ng/kg)	PCB 67 (ug/kg)	PCB 68 (ug/kg)	PCB 69 (ng/kg)	PCB 70 (ng/kg)	PCB 70/61/74/76 (ng/kg)	PCB 71 (ng/kg)	PCB 72 (ng/kg)	PCB 73 (ng/kg)	PCB 74 (ng/kg)	PCB 77 (ng/kg)	PCB 78 (ng/kg)	PCB 79 (ng/kg)	PCB 80 (ng/kg)	PCB 81 (ng/kg)	PCB 82 (ng/kg)	PCB-83/99 (ng/kg)	PCB 83/119 (ng/kg)	PCB 84 (ng/kg)	PCB 84/89 (ng/kg)	PCB 85 (ng/kg)	PCB 85/110/115/116/117 (ng/kg)	PCB 85/116/117 (ng/kg)	PCB 86/87/97/108/119/125 (ng/kg)	PCB 86/87/97/109/119/125 (ng/kg)	PCB 86/108/125 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - Continued																																					
	22-Sep-2015	3	2.87	---	25.1	47.8	---	---	0.0154	---	124	276	0.01	0.00837	---	---	570	---	10.2	< 0.0572	---	31.9	0.358 #1	12.9	< 0.298	1.55 #1	67.1	859	---	141	---	---	---	186	571	---	---
	30-Aug-2016	2	1.47 #1	---	15.8	22.5	---	---	0.00813	---	73.7	144	0.00437	0.00532	---	---	227	---	5.75	2.75	---	5.93	< 0.117	3.85 #1	0.236	0.247	21.8	428	---	56.8	---	---	---	72.7	211	---	---
	13-Sep-2017	3	1.58	---	16	22.4	---	---	0.00858	---	69.9	155	0.0054	0.00632	---	---	236	---	6.29	< 0.0805	---	8.52	< 0.178	4.14	0.226	0.408 #1	30.8	535	---	70.6	---	---	---	106	264	---	---
	30-Aug-2018	3	1.2	---	9.18	15.6	---	---	0.00555	---	39.1	98.9	0.00292	0.00395	---	---	150	---	3.87	< 0.0573	---	5.56	< 0.156	3.18	< 0.14	0.188 #1	14	292	---	37	---	---	---	56	144	---	---
	06-Sep-2019	4	1.36	---	10.6	19.6	---	---	0.00638	---	46.4	121	0.00347	0.00436	---	---	179	---	4.52	1.46	---	6.11	< 0.714	5.08	< 0.642	< 0.697	17.6	365	---	39.4	---	---	---	69.6	167	---	---
(Replicate B)	06-Sep-2019	4	1.09	---	10	21.3	---	---	0.00723	---	44	129	0.0037	0.00567	---	---	197	---	5.06	1.78	---	6.78	< 0.265	5.73	< 0.244	0.494	19.8	438	---	39.9	---	---	---	80.8	191	---	---
	26-Aug-2020	7	1.08	---	10	14.3	---	---	0.00577	---	44.5	91.8	0.00316	0.00377	---	---	149	---	3.87	< 0.0671	---	4.84	< 0.197	3.93	0.183	0.286	13	276	---	34	---	---	---	54.9	139	---	---
	30-Sep-2021	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.20	---	---	---	0.0875	---	---	---	---	---	---	---	---	---	---	---
	30-Sep-2021	8	< 0.34	---	3.00	5.00	---	---	0.00158	---	11.6	29.6	0.00091	0.00125	---	---	54.5	---	0.88	< 0.14	---	---	< 0.37	1.00	< 0.26	---	6.05	84.5	---	8.03	---	---	107	---	---	46.6	---
	13-Oct-2022	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.51	---	---	---	0.0990	---	---	---	---	---	---	---	---	---	---	---
	13-Oct-2022	2	< 0.96	---	1.1	3.40	---	---	< 0.00093	---	5.4	19.0	< 0.00077	0.00100	---	---	35.5	---	< 0.93	< 0.90	---	---	< 1.1	< 0.91	< 0.76	---	< 2.6	51.7	---	3.9	---	---	62.8	---	---	29.1	---
	14-Sep-2023	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2.96	---	---	---	< 0.11	---	---	---	---	---	---	---	---	---	---	---
	14-Sep-2023	2	< 0.47	---	2.55	5.10	---	---	0.00168	---	18.0	26.0	0.00079	0.00130	---	---	59.6	---	1.20	< 0.40	---	2.96	< 0.50	0.50	0.48	0.110	6.23	131	---	20.0	---	---	167	---	---	49.5	---
	15-Aug-2024	5	3.39	---	2.70	7.59	---	---	0.00217	---	25.0	37.1	0.00098	0.00138	---	---	113	---	0.91	< 0.13	---	4.83	< 0.36	1.28	< 0.25	0.194	11.8	133	---	26.6	---	---	201	---	---	95.1	---
Brook Trout 2+	11-Aug-2009	4	---	< 1.7	---	6.8	---	< 6.7	---	3.0	31.4	32.4	---	---	< 6.8	139	< 1.9	< 6.7	< 1.7	< 7.3	23.0	2.4	< 1.3	< 1.3	< 1.2	< 1.3	< 3.0	---	5.9	---	8.9	---	---	30.3	---	---	< 3.9
	11-Aug-2010	5	---	6.64	---	33.2	---	5.64	---	11.7	58.9	268	---	---	< 0.90	366	< 0.70	6.77	7.06	< 0.90	156	35.7	< 0.60	8.33	< 0.50	1.27	< 1.4	---	70.7	---	60.0	---	---	163	---	---	< 1.6
	01-Sep-2011	4	---	9.1 #1	---	45.1	---	7.4	---	14.6	57.2	339	---	---	< 2.0	433	< 2.0	< 2.0	7.6	< 2.0	184	31.3	< 1.0	9.4 #1	< 1.0	< 1.0	< 2.0	---	97.7	---	83.1	---	---	245	---	---	< 3.0
	01-Sep-2012	3	---	7.59	---	36.1	---	6.2	---	10.0	81.6	238	---	---	< 1.0	606	< 0.60	6.1	5.88	< 1.0	146	38.3	< 0.50	7.52	< 0.40	2.05 #1	< 1.0	---	67.0	---	65.7	---	---	167	---	---	< 1.0
	01-Sep-2013	3	6	---	21.4	77.3	---	---	0.0365	---	94.3	777	0.0163	0.029	---	---	1400	---	26.4	< 0.0579	---	68.7	< 0.694	28.9	< 0.608	2.87	50	1840	---	132	---	---	---	308	1100	---	---
	21-Sep-2014	4	0.981	---	8.99	24.4	---	---	0.00831	---	45.7	187	0.00431	0.00579	---	---	380	---	5.36	< 0.0591	---	20.1	0.234 #1	8.21	< 0.171	0.844 #1	45.8	1290	---	72.4	---	---	---	298	947	---	---
(Replicate A)	21-Sep-2014	1	0.711 #1	---	11.4	28	---	---	0.00795	---	59.9	173	0.0061	0.00477	---	---	385	---	4.88	< 0.0565	---	19.9	0.191 #1	9.53	< 0.16	0.876 #1	78.8	1200	---	95.5	---	---	---	321	930	---	---
(Replicate B)	21-Sep-2014	1	0.183 #1	---	2.63	5.89	---	---	0.00182	---	13.6	36.9	0.000873	0.00138	---	---	64.9	---	1.14	< 0.0579	---	4.57	< 0.0601	1.27 #1	0.117 #1	0.144 #1	9	204	---	12.4	---	---	---	44.5	127	---	---
	22-Sep-2015	1	0.158	---	0.884	3.31	---	---	0.00107	---	4.85	19.9	0.000573	0.00115	---	---	38.3	---	0.633	< 0.055	---	2.5	< 0.121	0.682 #1	0.173	0.156 #1	1.96	55.6	---	3.04	---	---	---	12.3	34.1	---	---
	30-Aug-2016	2	2.32	---	11.2	44	---	---	0.0176	---	56.1	320	0.00803	0.0115	---	---	644	---	9.7	3.86	---	28.3	< 0.167	10.5 #1	< 0.16	1.17	51	898	---	84.8	---	---	---	194	660	---	---
	13-Sep-2017	3	0.196 #1	---	1.49	5.77	---	---	0.00195	---	7.85	33.6	0.000961	0.00144	---	---	57.4	---	1.17	< 0.0677	---	2.28	< 0.0739	1.61 #1	0.111 #1	0.134 #1	5.12	175	---	5.17	---	---	---	43.8	92.3	---	---
	30-Aug-2018	3	0.432 #1	---	4	9.2	---	---	0.0033	---	18.6	58.2	0.00195 #1	0.00258	---	---	99.6	---	2.38	< 0.0498	---	4.85	< 0.0882	2.22	< 0.0808	0.156 #1	7.74	190	---	15.4	---	---	---	37.6	97.3	---	---
(Replicate A)	06-Sep-2019	4	< 0.237	---	1.68	5.29	---	---	0.0016	---	8.03	28	0.000638	0.00112	---	---	47.6	---	0.909	0.208	---	1.94	< 0.239	1.45	< 0.22	< 0.236	5.16	117	---	6.17	---	---	---	24.4	55.8	---	---
(Replicate B)	06-Sep-2019	4	0.456	---	2.7	7.77	---	---	0.00318	---	11.3	49.7	0.00196	0.00216	---	---	85.8	---	2.06	0.579	---	4.42	< 0.334	3.06	< 0.308	< 0.325	9.33	179	---	12.1	---	---	---	37.5	99.5	---	---
	26-Aug-2020	2	0.826	---	5.32	11.8	---	---	0.00476	---	23.8	78.5	0.00271	0.0038	---	---	129	---	3.23	< 0.0697	---	5.26	< 0.178	3.61	< 0.156	0.383	7.8	278	---	16	---	---	---	52.1	128	---	---
	30-Sep-2021	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3.46	---	---	---	0.126	---	---	---	---	---	---	---	---	---	---	---
	30-Sep-2021	10	< 0.20	---	2.07	4.30	---	---	0.00147	---	8.44	31.9	0.00077	0.00191	---	---	56.0	---	1.40	< 0.10	---	---	< 0.22	0.64	< 0.16	---	4.59	81.9	---	6.28	---	---	120	---	---	48.6	---
	13-Oct-2022	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	69.8	---	---	---	1.92	---	---	---	---	---	---	---	---	---	---	---
	13-Oct-2022	8	< 0.40	---	7.56	38.0	---	---	0.0118	---	32.0	256	0.00665	0.00810	---	---	449	---	8.18	< 0.072	---	---	3.58	8.79	< 0.31	---	44.1	540	---	44.5	---	---	884	---	---	378	---
	14-Sep-2023	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6.63	---	---	---	< 0.25	---	---	---	---	---	---	---	---	---	---	---
	14-Sep-2023	3	< 0.37	---	1.00	3.42	---	---	0.00218	---	3.79	35.2	0.00110	0.00290	---	---	56.4	---	1.78	< 0.20	---	6.63	< 0.39	0.98	0.32	0.250	2.50	125	---	3.61	---	---	181	---	---	48.3	---
	15-Aug-2024	6	2.77	---	1.58	5.86	---	---	0.00269	---	10.9	61.9	0.00222	0.00261	---	---	163	---	2.28	< 0.18	---	28.9	< 0.32	2.48	< 0.22	1.06	3.60	125	---	10.7	---	---	293	---	---	97.0	---
Brook Trout 3+	11-Aug-2010	3	---	10.1	---	38.5	---	6.3	---	17.7	76.4	409	---	---	< 1.0	574	< 0.70	11.4	15.4	< 1.0	206	53.7	< 0.60	10.4	< 0.60	1.89	< 1.3	---	100	---	74.6	---	---	162	---	---	< 1.5
	01-Sep-2011	3	---	9.3	---	38.4	---	9.0 #1	---	19.5	48.1	318	---	---	< 3.0	426	< 3.0	< 3.0	12.0	< 3.0	137	37.4	< 2.0	9.8	< 2.0	4.2 #1	< 4.0	---	102	---	71.2	---	---	190	---	---	< 6.0
	01-Sep-2012	5	---	8.24	---	39.8	---	8.3	---	13.6	94.8	294	---	---	< 1.0	739	< 0.60	5.1	8.48	< 1.0	175	42.1	< 0.50	8.41	< 0.40	2.67	< 1.0	---	101	---	101	---	---	238	---	---	< 1.0
(Replicate A)	01-Sep-2013	3	4.85	---	12.7	88.8	---	---	0.0281	---	105	725	0.0164	0.0215	---	---	1640	---	20.6	< 0.0562	---	84.8	< 0.853	29.1	< 0.748	3.77	79.8	1870	---	156	---	---	---	403	1510	---	---
(Replicate B)	01-Sep-2013	3	4.02	---	10.6	71.8	---	---	0.0247	---	72.6	603	0.0154	0.0187	---	---	1390	---	18.4	< 0.0556	---	137	< 1.79	23.3	< 1.57	5.14	38.5	1340	---	99.4	---	---	---	283	1160	---	---
(Duplicate)	01-Sep-2013	3	3.78	---	11.3	74.2	---	---	0.0245	---	96.1	631	0.0147	0.0206	---	---	1460	---	19.3	< 0.057	---	73.1	< 0.176	25.9	0.505	3.02	66.5	1700	---	141	---	---	---	370	1340	---	---
(Known (External Reference Material) Duplicate)	01-Sep-2013	3	---	16.4	---	72.2	---	8.5 #1	---	17.9	173	577	---	---	< 5.0	1760	< 3.0	6.5	17.3	< 5.0	307	118	< 3.0	22.7	< 2.0	< 4.0	< 3.0	---	157	---	113	---	---	380	---	---	< 4.0
	21-Sep-2014	4	< 1.89	---	11.2	53.1	---	---	0.0213	---	53.3	512	0.01 #1	0.0132	---	---	911	---	13.5	< 0.0569	---	47	< 2	17.7	< 1.79	< 1.77	49.5	1390	---	88.4	---	---	---	283	991	---	---
(Replicate A)	21-Sep-2014	1	1.49	---	12.6	56.5	---	---	0.0155	---	64.2	306	0.0146	0.00745	---	---	706	---	7.71	< 0.0571	---	30.8	< 0.388	14.6	< 0.347	1.31 #1	75.6	842	---	134	---	---	---	248	716	---	---
(Replicate B)	21-Sep-2014	1	< 1.22	---	6.03	24.1	---	---	0.00999	---	24.2	213	0.00366 #1	0.00625	---	---	403	---	5.68	< 0.0574	---	14.8	< 1.29	8.5	< 1.15	< 1.11	22.6	814	---	24.8	---	---	---	171	534	---	---
	22-Sep-2015	3	1.92	---	8.1	47.4	---	---	0.0138	---	55.8	284	0.00943	0.00817	---	---	644	---	7.87	< 0.057	---	32.7	0.468 #1	12.2	< 0.314	1.46 #1	54.1	891	---	94.6	---	---	---	218	725	---	---
(Duplicate)	22-Sep-2015	3	1.94	---	7.87	45.2	---	---	0.0136	---	53.6	278	0.00869	0.00775	---	---	627	---	7.05	< 0.0573	---	31.1	< 0.87	13.3	< 0.834	1.54 #1	52	862	---	92.2	---	---	---	213	692	---	---
	30-Aug-2016	1	1.47	---	7.37	42.1	---	---	0.0139	---	49.6	314	0.00786	0.0102	---	---	622	---	8.08	3.65	---	38.6	< 1.19	10.3 #1	< 1.14	1.63	42.2	795	---	77.5	---	---	---	189	619	---	---
	13-Sep-2017	3	0.578	---	2.54	14.7	---	---	0.00506	---	16	96.3	0.00306	0.00355	---	---	220	---	2.88	< 0.0654	---	11.3	< 0.134	3.6 #1	< 0.117	0.557 #1	11.5	318	---	13.4	---	---	---	84.4	233	---	---
(Duplicate)	13-Sep-2017	3	0.526 #1	---	2.27	14.2	---	---	0.00487	---	15.7	97.9	0.00294	0.00329	---	---	217	---	2.54	< 0.0828	---	10.7	< 0.145	3.37 #1	0.189	0.458 #1	9.67	282	---	12.7	---	---	---	72.2	203	---	---

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 58 (ng/kg)	PCB 58/67 (ng/kg)	PCB 59/62/75 (ng/kg)	PCB 60 (ng/kg)	PCB 61 (ng/kg)	PCB 62/65/75 (ng/kg)	PCB 63 (ug/kg)	PCB 63/76 (ng/kg)	PCB 64 (ng/kg)	PCB 66 (ng/kg)	PCB 67 (ug/kg)	PCB 68 (ug/kg)	PCB 69 (ng/kg)	PCB 70 (ng/kg)	PCB 70/61/74/76 (ng/kg)	PCB 71 (ng/kg)	PCB 72 (ng/kg)	PCB 73 (ng/kg)	PCB 74 (ng/kg)	PCB 77 (ng/kg)	PCB 78 (ng/kg)	PCB 79 (ng/kg)	PCB 80 (ng/kg)	PCB 81 (ng/kg)	PCB 82 (ng/kg)	PCB-83/99 (ng/kg)	PCB 83/119 (ng/kg)	PCB 84 (ng/kg)	PCB 84/89 (ng/kg)	PCB 85 (ng/kg)	PCB 85/110/115/116/117 (ng/kg)	PCB 85/116/117 (ng/kg)	PCB 86/87/97/108/119/125 (ng/kg)	PCB 86/87/97/109/119/125 (ng/kg)	PCB 86/108/125 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - Continued																																						
	30-Aug-2018	3	< 0.127	---	1.73	6.55	---	---	0.0021	---	8.93	37.8	0.00149	0.00196	---	---	79.3	---	1.51	< 0.0491	---	4.62	< 0.128	1.5 #1	0.159 #1	< 0.15	4.82 #1	138	---	6.08	---	---	---	28.7	74.3	---	---
	06-Sep-2019	4	0.321	---	2.37	10.1	---	---	0.00308	---	11.2	55.9	0.0015	0.00215	---	---	92.4	---	1.6	0.616	---	6.46	< 0.266	2.25	< 0.233	0.515	6.64	158	---	9.98	---	---	---	35	91.4	---	---
(Duplicate)	06-Sep-2019	4	0.413	---	2.58	9.31	---	---	0.00315	---	12.7	56.7	0.0015	0.00229	---	---	92.4	---	1.82	0.308	---	7.17	< 0.292	3.07	0.302	0.415	7.26	171	---	9.85	---	---	---	39.1	99.2	---	---
	26-Aug-2020	5	0.404	---	2.24	6.32	---	---	0.00294	---	9.14	47.7	0.00208	0.00266	---	---	81.9	---	2.25	< 0.0611	---	5.59	< 0.245	2.38	< 0.214	0.327	6.96	153	---	8.94	---	---	---	33.7	84.6	---	---
(Duplicate)	26-Aug-2020	5	0.601	---	4.51	10.2	---	---	0.00385	---	20.2	66.5	0.0022	0.00319	---	---	109	---	2.75	< 0.0623	---	4.31	< 0.125	3.05	0.168	0.461	7.25	245	---	14.5	---	---	---	46.9	113	---	---
	30-Sep-2021	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5.52	---	---	---	0.200	---	---	---	---	---	---	---	---	---	---	---	---
	30-Sep-2021	3	< 0.54 #4	---	1.90 #4	7.09 #4	---	---	0.00221 #4	---	8.42 #4	44.2 #4	0.00105 #4	0.00160 #4	---	---	86.3 #4	---	1.30 #4	< 0.29 #4	---	---	0.64 #4	1.21 #4	< 0.43 #4	---	8.3 #4	138 #4	---	10.8 #4	---	---	193 #4	---	---	86.2 #4	---
	13-Oct-2022	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7.00	---	---	---	0.234	---	---	---	---	---	---	---	---	---	---	---
	13-Oct-2022	8	< 0.40	---	2.20	7.12	---	---	0.00318	---	9.03	52.8	0.00140	0.00284	---	---	89.2	---	2.09	< 0.11	---	---	0.49	1.47	< 0.31	---	5.78	145	---	7.02	---	---	201	---	---	81.8	---
	14-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	12.8	---	---	---	0.435	---	---	---	---	---	---	---	---	---	---	---
	14-Sep-2023	5	< 0.90	---	1.78	5.90	---	---	0.00392	---	9.12	63.4	0.00190	0.00463	---	---	117	---	3.30	< 0.56	---	12.8	< 0.95	1.00	1.60	0.435	< 1.2	163	---	8.9	---	---	328	---	---	81.2	---
(Duplicate)	14-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	14.1	---	---	---	0.483	---	---	---	---	---	---	---	---	---	---	---
(Duplicate)	14-Sep-2023	5	< 0.90	---	2.4	7.66	---	---	0.00350	---	9.6	70.2	0.00210	0.00560	---	---	123	---	3.63	< 1.1	---	14.1	< 0.96	1.40	1.10	0.483	4.1	189	---	9.3	---	---	359	---	---	90.9	---
	15-Aug-2024	2	1.60	---	1.67	3.49	---	---	0.00231	---	6.09	43.4	0.00140	0.00298	---	---	81.7	---	1.75	< 0.19	---	10.9	< 0.35	0.81	< 0.24	0.384	2.80	78.6	---	5.52	---	---	176	---	---	59.6	---
Brook Trout 4+	04-Oct-2006	5	---	22	---	130	---	36	---	43	340	1100	---	---	< 0.30	2500	< 0.20	30	20	< 0.20	460	170	< 0.10	25	< 0.10	4.0	< 0.10	---	240	---	190	---	---	650	---	---	< 0.20
	01-Sep-2011	2	---	24.5	---	125	---	25.8	---	44.6	201	947	---	---	< 3.0	1260	< 2.0	4.4 #1	30.2	< 3.0	473	84.5	< 2.0	20.2	< 2.0	5.3 #1	< 3.0	---	318	---	320	---	---	707	---	---	< 4.0
	01-Sep-2013	2	4.16	---	19.6	130	---	---	0.0366	---	140	830	0.0183	0.0185	---	---	2010	---	19	< 0.0542	---	101	< 0.693	44.4	< 0.608	4.85	124	2310	---	233	---	---	---	587	2090	---	---
	21-Sep-2014	1	4.14	---	17.1	66.3	---	---	0.032	---	89.7	721	0.0139	0.026	---	---	1260	---	24.1	< 0.0556	---	70.4	0.657 #1	25.2	0.408 #1	2.25	46.1	2040	---	135	---	---	---	393	1380	---	---
(Replicate B)	22-Sep-2015	1	3.67	---	15.4	82.1	---	---	0.0269	---	92.7	561	0.0168	0.0173	---	---	1260	---	16.9	< 0.056	---	62.5	< 0.284	18.5	< 0.272	2.72 #1	72.5	1550	---	138	---	---	---	344	1260	---	---
(Replicate A)	23-Sep-2015	1	3.12	---	15.0	50.8	---	---	0.026	---	66.7	479	0.0125	0.0212	---	---	839	---	18.7	< 0.0562	---	48.4	0.774	14.7	< 0.451	1.64 #1	63.9	1250	---	90.2	---	---	---	233	763	---	---
	30-Aug-2016	1	1.66	---	7.24	43.2	---	---	0.0148	---	36.3	330	0.00783	0.00993	---	---	604	---	9.04	3.08	---	39.1	< 0.18	10.3 #1	< 0.172	1.59	42.8	843	---	69.9	---	---	---	169	568	---	---
	13-Sep-2017	1	0.687	---	2.72	20	---	---	0.00567	---	21.2	134	0.00347	0.00358	---	---	304	---	2.97	< 0.0669	---	16	< 0.187	5.14	< 0.163	0.72 #1	16.6	350	---	31.9	---	---	---	108	351	---	---
	30-Aug-2018	1	< 0.132	---	2.23	12.2	---	---	0.00433	---	12.1	74.2	0.00182	0.00318	---	---	149	---	2.65	< 0.0479	---	8.17	< 0.133	3.3	< 0.122	0.27 #1	7.25	257	---	7.58 #1	---	---	---	62.3	162	---	---
	26-Aug-2020	2	0.559	---	2.59	6.31	---	---	0.00316	---	10.2	50.6	0.00252	0.00303	---	---	88.8	---	2.26	< 0.0763	---	5.7	< 0.177	2.65	0.184 #1	0.37	4.54	147	---	8.15	---	---	---	30.2	82.6	---	---
	14-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8.79	---	---	---	0.340	---	---	---	---	---	---	---	---	---	---	---
	14-Sep-2023	5	< 1.1	---	1.70	5.2	---	---	0.00220	---	8.00	42.6	0.00130	0.00259	---	---	81.6	---	2.00	< 0.40	---	8.79	< 1.1	1.07	< 0.87	0.340	4.0	126	---	4.91	---	---	237	---	---	60.0	---
	15-Aug-2024	1	1.30	---	0.96	3.75	---	---	0.00174	---	7.03	39.2	0.00116	0.00265	---	---	82.1	---	1.81	< 0.15	---	9.71	< 0.32	0.95	< 0.22	0.369	1.62	64.7	---	5.06	---	---	144	---	---	51.4	---
Brook Trout 5+	04-Oct-2006	4	---	4.0	---	27	---	7.8	---	8.7	110	290	---	---	< 0.30	810	< 0.10	24	3.3	< 0.30	120	34	< 0.10	3.9	< 0.10	1.7	< 0.10	---	49	---	48	---	---	160	---	---	< 0.20
	01-Sep-2011	2	---	13.5 #1	---	49.6	---	9.1 #1	---	19.3	88.9	417	---	---	< 2.0	665	< 2.0	< 2.0	14.5	< 2.0	222	37.0	< 2.0	8.9 #1	< 1.0	1.5	< 3.0	---	143	---	72.0	---	---	254	---	---	< 3.0
	01-Sep-2013	1	2.66	---	11	65.2	---	---	0.0207	---	74.6	508	0.0107	0.0145	---	---	1130	---	13.7	1.78 #1	---	66	< 0.321	18.5	0.407	2.71	58.2	1080	---	132	---	---	---	247	1000	---	---
	21-Sep-2014	1	1.82	---	10.8	44.8	---	---	0.0192	---	46.6	423	0.00704	0.0115	---	---	722	---	11.5	< 0.057	---	33	0.596	18.4	< 0.478	1.29 #1	27.7	1560	---	64.6	---	---	---	333	1010	---	---
	30-Aug-2016	1	6.08	---	23.5	126	---	---	0.0542	---	124	1240	0.0252	0.0381	---	---	2200	---	38.3	< 0.057	---	133	< 1.08	36.3	< 1.05	5.7	89.6	3220	---	142	---	---	---	559	2140	---	---
(Duplicate)	30-Aug-2016	1	6.36	---	23.8	132	---	---	0.0551	---	125	1300	0.0259	0.0399	---	---	2280	---	40.4	< 0.0555	---	134	< 0.35	44.1	< 0.341	5.71	90.9	3300	---	145	---	---	---	606	2180	---	---
	30-Sep-2021	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	7.52	---	---	---	0.289	---	---	---	---	---	---	---	---	---	---	---
	30-Sep-2021	1	< 0.25	---	2.44	7.70	---	---	0.00301	---	9.55	57.6	0.00193	0.00400	---	---	103	---	2.45	< 0.30	---	---	0.75	1.36	< 0.20	---	5.67	166	---	6.13	---	---	197	---	---	86.5	---
	15-Aug-2024	1	3.55	---	3.40	11.2	---	---	0.00653	---	16.8	131	0.00335	0.00698	---	---	217	---	5.05	< 0.20	---	27.1	< 0.36	2.70	< 0.25	0.934	6.20	257	---	14.6	---	---	459	---	---	165	---
Brook Trout 6+	14-Sep-2023	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	12.4	---	---	---	0.499	---	---	---	---	---	---	---	---	---	---	---
	14-Sep-2023	3	< 0.43	---	1.64	7.45	---	---	0.00290	---	9.92	56.3	0.00187	0.00370	---	---	122	---	2.33	< 0.17	---	12.4	< 0.46	1.60	0.78	0.499	4.44	170	---	7.93	---	---	342	---	---	90.3	---
Brook Trout 11+	01-Sep-2007	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	2	---	5.8	---	24	---	5.1	---	11	37	270	---	---	< 1.5	410	< 0.90	< 1.5	7.4	< 1.5	100	38	4.3	3.9	< 0.70	1.0	< 1.4	---	35	---	20	---	---	49	---	---	< 1.8
Brook Trout 12+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	---	3.1	---	18	---	2.3	---	5.4	25	150	---	---	< 1.3	280	< 0.70	< 1.3	2.7	< 1.4	61	25	2.4	2.3	< 0.50	< 0.70	< 1.3	---	17	---	11	---	---	37	---	---	< 1.7
Brook Trout Unknown	23-Jul-2008	2	---	2.2	---	34	---	2.5	---	3.7	32	87	---	---	< 0.30	76	< 0.30	2.7	2.4	0.37	37	21	< 0.30	2.3	< 0.30	0.52	< 0.60	---	18	---	34	---	---	71	---	---	< 0.80
(Replicate A)	23-Jul-2008	2	---	1.8	---	8.5	---	7.5	---	2.8	81	47	---	---	< 1.5	200	< 0.40	21	1.4	< 1.7	25	4.2	< 0.30	1.1	< 0.30	< 0.50	< 0.70	---	14	---	19	---	---	36	---	---	< 0.90
(Replicate B)	23-Jul-2008	2	---	1.6	---	8.6	---	1.5	---	3.0	22	63	---	---	< 0.40	86	< 0.40	1.7	2.5	< 0.40	35	7.4	< 0.30	1.2	< 0.30	< 0.40	< 0.60	---	10	---	11	---	---	25	---	---	< 0.70
(Replicate C)	23-Jul-2008	2	---	1.6	---	9.2	---	2.8	---	2.8	28	49	---	---	< 0.40	60	< 0.40	4.0	2.0	0.46	30	3.7	< 0.30	1.4	< 0.30	< 0.40	< 0.50	---	13	---	16	---	---	28	---	---	< 0.70
Brook Trout (Stomach) 1+	01-Sep-2012	3	---	< 1.0	---	12.3 #1	---	< 2.0	---	< 1.0	40.2	34.9	---	---	< 2.0	44.3	< 1.0	24.1	< 2.0	< 2.0	15.2	6.6 #1	< 1.0	< 1.0	< 1.0	< 1.0	< 4.0	---	< 4.0	---	17.0 #1	---	---	13.5	---	---	< 4.0
Brook Trout (Stomach) 2+	01-Sep-2012	3	---	< 0.10	---	1.55 #1	---	< 0.20	---	< 0.10	4.96	5.34	---	---	< 0.20	10.7	< 0.10	2.91	< 0.20	< 0.20	3.15	1.29 #1	< 0.10	< 0.10	< 0.10	< 0.10	< 0.30	---	< 0.40	---	2.85	---	---	2.22	---	---	< 0.40
Brook Trout (Stomach) 3+	01-Sep-2012	5	---	136	---	836	---	98.7	---	194	1270	4510	---	---	2.4	12200	< 0.50	380	101	4.4	3330	1100	< 0.40	146	< 0.40	36.0	< 1.0	---	1340	---	2150	---	---	3310	---	---	95.4

Table C.2

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 58 (ng/kg)	PCB 58/67 (ng/kg)	PCB 59/62/75 (ng/kg)	PCB 60 (ng/kg)	PCB 61 (ng/kg)	PCB 62/65/75 (ng/kg)	PCB 63 (ug/kg)	PCB 63/76 (ng/kg)	PCB 64 (ng/kg)	PCB 66 (ng/kg)	PCB 67 (ug/kg)	PCB 68 (ug/kg)	PCB 69 (ng/kg)	PCB 70 (ng/kg)	PCB 70/61/74/76 (ng/kg)	PCB 71 (ng/kg)	PCB 72 (ng/kg)	PCB 73 (ng/kg)	PCB 74 (ng/kg)	PCB 77 (ng/kg)	PCB 78 (ng/kg)	PCB 79 (ng/kg)	PCB 80 (ng/kg)	PCB 81 (ng/kg)	PCB 82 (ng/kg)	PCB-83/99 (ng/kg)	PCB 83/119 (ng/kg)	PCB 84 (ng/kg)	PCB 84/89 (ng/kg)	PCB 85 (ng/kg)	PCB 85/110/115/116/117 (ng/kg)	PCB 85/116/117 (ng/kg)	PCB 86/87/97/108/119/125 (ng/kg)	PCB 86/87/97/109/119/125 (ng/kg)	PCB 86/108/125 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - Continued																																						
(Re-analysis)	01-Sep-2012	5	---	209	---	1910	---	119	---	347	2160	10200	---	---	< 4.0	23400	< 2.0	616	94.7	< 4.0	5570	2260	< 2.0	282	< 2.0	85.2	< 4.0	---	2270	---	5140	---	---	7360	---	---	< 6.0
Certified Reference Materials																																						
CRM 918-050	23-Jul-2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
WMF-01-CRM	04-Oct-2006	---	---	720	---	3900	---	1000	---	2000	17000	37000	---	---	23	67000	< 0.60	2600	660	60	12000	2200	< 0.50	850	< 0.50	220 [#1]	< 0.40	---	6500	---	5500	---	---	31000	---	---	< 0.50
	11-Sep-2007	---	---	820	---	6400	---	1700	---	2100	19000	41000	---	---	39	71000	< 5.5	3100	730	92	14000	2200	810	820	< 4.4	210	< 11	---	8500	---	5500	---	---	30000	---	---	< 14
	23-Jul-2008	---	---	700	---	6400	---	900	---	2000	12000	37000	---	---	25	37000	< 2.6	2100	920	71	13000	2100	< 2.2	920	< 2.1	190	< 5.3	---	7500	---	5000	---	---	32000	---	---	700
	11-Aug-2009	---	---	1040	---	7370	---	1170	---	1990	14900	53100	---	---	< 83	60100	< 71	2410	1020	105	16000	1990	< 48	1220	< 43	179	< 71	---	11200	---	5850	---	---	44100	---	---	< 92
	11-Aug-2010	---	---	987	---	6810	---	1060	---	2740	13900	48000	---	---	< 4.9	54700	< 2.8	2120	972	68.9	23600	2090	< 2.5	1030	< 2.3	211	< 13	---	11900	---	7210	---	---	43500	---	---	< 15
	01-Sep-2011	---	---	963	---	8080	---	1270	---	2690	18000	51100	---	---	< 10	52100	< 9.0	3000	1280	< 10	18400	1910	< 8.0	712	< 7.0	187	< 10	---	11400	---	8010	---	---	46200	---	---	< 20
	01-Sep-2012	---	---	657	---	5610	---	1160	---	1910	15500	33500	---	---	< 7.0	56400	< 3.0	2510	757	80.2	13900	1990	< 2.0	< 2.0	< 2.0	193	< 9.0	---	8600	---	5140	---	---	33700	---	---	458
NIST SRM 1946	11-Oct-2013	---	---	---	---	---	---	---	0.605	---	---	8610	---	---	---	---	17200	---	---	---	---	260	---	---	---	---	---	32900	---	---	---	---	---	---	13800	---	---
	31-Aug-2016	---	---	---	---	---	---	---	0.599	---	---	9130	---	---	---	---	17300	---	---	---	---	326	---	---	---	---	---	32900	---	---	---	---	---	---	---	---	---
	03-Nov-2018	---	---	---	---	---	---	---	0.554	---	---	7760	---	---	---	---	16300	---	---	---	---	274	---	---	---	---	---	31600	---	---	---	---	---	---	13100	---	---
EDF-2524	15-Oct-2014	----	---	---	---	---	---	---	---	---	---	263	---	---	---	---	590	---	---	---	---	4.52	---	---	---	< 0.542	---	639	---	---	---	---	---	---	---	---	---
CRM EDF2524	23-Sep-2015	---	---	---	---	---	---	---	---	---	---	310	---	---	---	---	686	---	---	---	---	6.23	---	---	---	0.413 [#1]	---	709	---	---	---	---	---	---	---	---	---
CRM EDF-5462	13-Oct-2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	47.1	---	---	---	35.9	---	---	---	---	---	---	---	---	---	---	---
	13-Oct-2022	---	< 2.1	---	7.9	48.6	---	---	0.0062	---	33.7	193	< 0.0016	< 0.0018	---	---	308	---	< 2.0	< 1.1	---	---	38.1	15.0	< 1.6	---	53.5	636	---	29.1	---	---	778	---	---	357	---
	15-Nov-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	48.7	---	---	---	37.1	---	---	---	---	---	---	---	---	---	---	---
	15-Nov-2023	---	< 7.8	---	7.5	35.1	---	---	0.0110	---	27.0	155	< 0.0065	< 0.0075	---	---	259	---	< 7.2	< 4.6	---	48.7	38.8	36.7	< 6.4	37.1	49.7	579	---	25.0	---	---	797	---	---	267	---
	29-Oct-2024	---	55.7	---	192	386	---	---	0.12	---	1040	2130	0.0602	0.0302	---	---	3380	---	45.8	< 1.3	---	239	< 3.0	28.9	< 2.0	9.13	440	3070	---	587	---	---	5210	---	---	2340	---

NOTES:

< X
X

1. --- in guideline row(s) denotes no criteria for that parameter.
2. --- in detail data row(s) denotes parameter not analyzed.
3. Highlighting indicates parameters above applied guideline/criteria.
4. Highlighting indicates parameters above applied guideline/criteria.
5. Highlighting indicates non-detect parameters above applied guideline/criteria.
6. Highlighting indicates parameters at applied guideline/criteria.
7. Denotes values exceeding
   (Canadian Food Inspection Agency (CFIA), 2009. Fish Product Standards and Methods Manual. Appendix 3: Canadian Guidelines for Chemical Contaminants and Toxins in Fish and Fish Products.)
8. Superscript [#1] - EMPC
9. Superscript [#2] - RRR
10. Superscript [#3] - lock mass intereference (lab qualifier originally G)
11. Superscript [#4] - Labeled recoveries above method limits. Data is calculated by isotope dilution. Minimal impact to data quality.
12. Superscript [#5] - The recoveries of certain surrogates are outside method criteria. Native results, calculated via isotope dilution, are not expected to be biased.

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 87 (ng/kg)	PCB 88/91 (ng/kg)	PCB 88/121 (ng/kg)	PCB 89 (ug/kg)	PCB 90/101 (ng/kg)	PCB 90/101/113 (ng/kg)	PCB 91 (ng/kg)	PCB 92 (ng/kg)	PCB 93 (ng/kg)	PCB 93/95/98/100/102 (ng/kg)	PCB 93/98/100/102 (ng/kg)	PCB 94 (ng/kg)	PCB 95 (ng/kg)	PCB 96 (ng/kg)	PCB 97 (ng/kg)	PCB 98 (ng/kg)	PCB 99 (ng/kg)	PCB 100 (ng/kg)	PCB 101 (ng/kg)	PCB 102 (ng/kg)	PCB 103 (ng/kg)	PCB 104 (ng/kg)	PCB 105 (ng/kg)	PCB 106 (ng/kg)	PCB 107 (ng/kg)	PCB 107/109/123 (ng/kg)	PCB 107/124 (ng/kg)	PCB 108/124 (ng/kg)	PCB 109 (ng/kg)	PCB 110 (ng/kg)	PCB 110/115 (ng/kg)	PCB 111/117 (ng/kg)	PCB 111 (ug/kg)	PCB 112 (ng/kg)	PCB 113 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hatchery																																					
Brook Trout 0+	04-Oct-2006	10	60	---	< 0.10	---	370	---	30	67	---	< 0.10	---	< 0.10	140	< 0.10	60	< 0.10	180	< 0.10	---	< 0.10	< 0.20	< 0.20	76	< 0.10	---	32	---	---	---	---	260	6.8	---	< 0.10	< 0.10
	11-Sep-2007	10	40	---	< 1.4	---	300	---	42	56	---	< 1.7	---	< 1.6	100	< 1.2	40	< 1.7	140	3.3	---	3.1	3.1	< 1.8	45	< 1.1	---	22	---	---	---	---	150	5.3	---	< 1.2	2.2
	23-Jul-2008	10	27	---	< 0.70	---	150	---	18	30	---	< 0.80	---	< 0.80	51	< 0.70	22	< 0.80	69	1.2	---	1.6	1.7	< 1.1	30	< 0.50	---	13	---	---	---	---	78	3.0	---	< 0.50	< 0.60
(Duplicate)	23-Jul-2008	10	31	---	< 0.60	---	180	---	23	36	---	< 0.80	---	< 0.80	59	< 0.70	25	< 0.80	80	1.0	---	1.6	2.2	< 1.1	32	< 0.50	---	16	---	---	---	---	89	3.4	---	< 0.50	< 0.60
	11-Aug-2009	10	35	---	< 9.9	---	196	---	20	36	---	< 37	---	< 18	61	< 15	26 [#1]	< 23	87	< 15	---	< 18	< 18	< 16	37.4	< 6.2	---	23.0	---	---	---	---	92.4	< 6.0	---	< 6.6	< 8.7
	11-Aug-2010	10	37.1	---	< 1.1	---	172	---	30.7	33.3	---	< 1.4	---	< 1.3	84.3	< 1.6	32.3	< 1.5	87.7	2.0	---	< 1.2	< 1.9	< 1.8	34.2	< 1.1	---	14.8	---	---	---	---	133	4.97	---	< 0.90	< 1.0
	01-Sep-2011	10	91.5	---	< 2.0	---	499	---	66.4	108	---	< 2.0	---	< 3.0	171	< 4.0	75.7	< 3.0	234	< 2.0	---	< 2.0	4.8	< 4.0	128	< 2.0	---	38.3	---	---	---	---	295	14.0 [#1]	---	< 2.0	< 2.0
	01-Sep-2012	10	63.4	---	< 1.0	---	430	---	65.6	92.1	---	< 1.0	---	2.3	140	< 2.0	62.2	< 1.0	184	5.0 [#1]	---	4.8 [#1]	6.5 [#1]	< 3.0	59.9	< 0.80	---	34.0	---	---	---	---	210	8.50	---	< 0.80	< 1.0
	01-Sep-2013	10	---	84.4	---	0.00312	---	422	---	95.5	---	290	---	3.12	---	1.71	---	---	---	---	---	---	10.4	0.242	90.3	< 0.296	---	---	10.9	---	30.7	---	393	---	0.00145	< 0.171	---
	21-Sep-2014	12	---	39.4	---	0.00133	---	258	---	57.1	---	167	---	1.56	---	0.812	---	---	---	---	---	---	5	0.149	45.1	< 0.396	---	---	6.1	---	20.7	---	188	---	0.000911 [#1]	< 0.215	---
	22-Sep-2015	11	---	99.0	---	0.00274	---	494	---	117	---	366	---	3.76	---	1.97	---	---	---	---	---	---	12.3	0.204	89.3	< 0.179	---	---	11.9	---	36	---	433	---	0.00165	< 0.16	---
	30-Aug-2016	10	---	49.5	---	0.00139	---	257	---	59	---	194	---	2	---	0.943	---	---	---	---	---	---	6.09	0.153	44.4	< 0.351	---	---	6	---	21.3	---	232	---	0.000788	< 0.0892	---
	30-Aug-2018	10	---	23.4	---	0.000651 [#1]	---	124	---	28	---	83.1	---	0.815 [#1]	---	0.403 [#1]	---	---	---	---	---	---	3.44	0.092 [#1]	25.9	< 0.283	---	---	2.96	---	10.9	---	105	---	0.00079	< 0.283	---
	06-Sep-2019	10	---	15	---	0.000309	---	91.7	---	19.8	---	55.9	---	0.521	---	0.236	---	---	---	---	---	---	1.98	0.078	22.4	< 0.224	---	---	2.48	---	8.4	---	76.9	---	0.000435	< 0.0746	---
	26-Aug-2020	11	---	15.4	---	0.00059	---	97	---	22.5	---	64.9	---	0.708 [#1]	---	0.249	---	---	---	---	---	---	2.23	0.08	22.1	< 0.137	---	---	2.54	---	8.2	---	79.9	---	0.000457	< 0.0776	---
	30-Sep-2021	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	15.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	30-Sep-2021	10	---	1.50	---	< 0.00033	---	15.4	---	4.04	---	---	< 0.26	< 0.27	12.0	< 0.17	---	---	---	---	---	---	< 0.27	< 0.10	---	< 0.20	1.60	---	---	---	0.54	---	---	---	< 0.00019	< 0.17	---
	13-Oct-2022	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	704	---	---	---	33.7	---	---	---	---	---	---	---	---	---	---	---	---	---
	13-Oct-2022	10	---	151	---	0.00650	---	704	---	174	---	---	42.4	5.60	1500	14.9	---	---	---	---	---	---	8.02	< 0.17	---	< 0.44	12.0	---	---	---	8.29	---	---	---	0.00120	< 0.44	---
	15-Aug-2024	6	---	27.9	---	0.00157	---	265	---	54.4	---	---	7.22	0.90	235	1.30	---	---	---	---	---	---	2.12	< 0.20	57.5	< 0.27	12.2	---	---	---	4.61	---	---	---	0.00062	< 0.21	---
	24-Sep-2025	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	351	---	---	---	20.7	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake																																					
Brook Trout 1+	11-Aug-2009	8	136	---	< 1.7	---	730	---	35.9	132	---	< 2.1	---	< 2.1	210	< 1.8	104	< 2.2	262	2.1	---	5.5	3.9 [#1]	< 2.6	158	< 1.3	---	48.0	---	---	---	---	334	12.0	---	< 1.3	< 1.5
	01-Sep-2011	5	171	---	< 2.0	---	883	---	65.0 [#1]	145	---	< 2.0	---	< 3.0	186	< 4.0	114	< 3.0	303	4.1	---	3.9 [#1]	4.4 [#1]	< 5.0	222	< 2.0	---	66.9	---	---	---	---	454	16.1	---	< 2.0	< 2.0
	01-Sep-2012	4	729	---	< 1.0	---	3280	---	255	533	---	< 2.0	---	3.9 [#1]	836	< 2.0	553	< 2.0	1120	14.4	---	21.6	18.0	< 3.0	827	< 1.0	---	255	---	---	---	---	1540	55.2	---	< 1.0	< 1.0
(Replicate A)	01-Sep-2013	1	---	28.7	---	0.00148	---	390	---	71	---	159	---	0.867	---	0.531	---	---	---	---	---	---	2.98	< 0.177	163	< 0.623	---	---	14	---	32.1	---	287	---	0.000866	< 0.215	---
(Replicate B)	01-Sep-2013	1	---	34.1	---	0.00158	---	391	---	74.1	---	168	---	1.07	---	0.476	---	---	---	---	---	---	3.79	< 0.071	170	< 0.844	---	---	15.8	---	33.4	---	316	---	0.000859	< 0.177	---
	23-Sep-2015	1	---	523	---	0.0092	---	7230	---	1700	---	3210	---	37.1	---	11.1	---	---	---	---	---	---	157	1.32	1750 [#3]	< 5.63	---	---	148	---	547	---	4650	---	0.0185	< 0.444	---
	31-Aug-2016	2	---	82.3	---	0.00201	---	494	---	119	---	290	---	2.82	---	0.998	---	---	---	---	---	---	10.8	0.231 [#1]	125	< 0.505	---	---	16.5	---	58.2	---	436	---	0.00169	< 0.16	---
	12-Sep-2017	3	---	50.7	---	0.00133	---	456	---	98.7	---	198	---	1.59	---	0.643 [#1]	---	---	---	---	---	---	6.82	0.12 [#1]	145	< 0.395	---	---	15.7	---	42.2	---	344	---	0.00149	< 0.0818	---
	29-Aug-2018	3	---	39.9	---	0.00141	---	368	---	70.6	---	175	---	1.39	---	0.613 [#1]	---	---	---	---	---	---	5.36	0.087 [#1]	111	< 0.425	---	---	12.5	---	32.9	---	285	---	0.000874	< 0.28	---
(Replicate A)	05-Sep-2019	4	---	59.7	---	0.00141	---	407	---	86.8	---	207	---	1.69	---	0.541	---	---	---	---	---	---	6.91	0.163	125	< 0.594	---	---	13.2	---	40	---	338	---	0.00177	< 0.126	---
(Replicate B)	05-Sep-2019	4	---	74.3	---	0.00172	---	472	---	102	---	252	---	2.33	---	0.744	---	---	---	---	---	---	9.53	0.168	143	< 0.428	---	---	14.3	---	44	---	381	---	0.00228	< 0.121	---
	25-Aug-2020	7	---	41.1	---	0.00113 [#1]	---	410	---	96.8	---	181	---	1.39	---	0.599	---	---	---	---	---	---	6.19	0.131 [#1]	156	< 0.415	---	---	14	---	38.2	---	314	---	0.00118	< 0.0912	---
	29-Sep-2021	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1370	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	29-Sep-2021	8	---	126	---	0.00250	---	1370	---	319	---	---	21.2	6.22	595	3.07	---	---	---	---	---	---	22.6	< 0.12	---	< 0.31	140	---	---	47.3	---	---	---	0.00466	< 0.39	---
	12-Oct-2022	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	503	---	---	---	249	---	---	---	---	---	---	---	---	---	---	---	---	---
	12-Oct-2022	8	---	31.2	---	< 0.0041	---	503	---	122	---	---	< 3.1	< 3.3	161	< 1.1	---	---	---	---	---	---	6.2	< 1.6	---	< 3.2	47.0	---	---	20.6	---	---	---	< 0.0025	< 2.3	---
	13-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	382	---	---	---	135	---	---	---	---	---	---	---	---	---	---	---	---	---
	13-Sep-2023	5	---	27.3	---	< 0.0022	---	382	---	74.4	---	---	6.8	< 1.9	128	< 0.74	---	---	---	---	---	---	3.0	< 0.64	135	< 1.5	30.1	---	---	13.2	---	---	---	< 0.0013	< 1.2	---
	14-Aug-2024	5	---	23.4	---	0.00122	---	312	---	69.9	---	---	4.30	1.30	145	0.57	---	---	---	---	---	---	3.06	< 0.22	130	< 0.25	25.6	---	---	10.6	---	---	---	0.00061	< 0.24	---
	24-Sep-2025	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	571	---	---	---	128	---	---	---	---	---	---	---	---	---	---	---	---	---
Brook Trout 2+	11-Aug-2009	3	372	---	< 2.0	---	3100	---	96.7	593	---	< 2.6	---	< 2.7	480	< 2.2	365	< 2.6	1200	5.5	---	12.4	21.4	< 3.4	733	< 1.7	---	313	---	---	---	---	1090	57.3	---	< 1.5	2.5
	11-Aug-2010	5	877	---	< 2.0	---	4080	---	162	646	---	< 2.4	---	< 2.4	727	< 2.8	676	< 2.5	1540	6.7	---	18.6	24.1	< 3.2	1310	< 2.0	---	400	---	---	---	---	1840	82.8	---	< 1.5	< 1.7
	12-Aug-2010	3	2190	---	< 2.8	---	11800	---	458	1890	---	< 3.6	---	< 3.6	2240	< 3.1	1650	7.9	3950	17.5	---	49.4	45.2	< 4.0	2760	< 2.2	---	811	---	---	---	---	4490	202	---	< 2.2	13.7
	01-Sep-2011	4	5280	---	< 5.0	---	27800	---	1130	5110	---	< 7.0	---	17.3	5730	< 10	4580	35.3 [#1]	11900	79.4	---	144	249	< 10	6230	< 5.0	---	2170	---	---	---	---	12100	554	---	< 4.0	< 5.0
(Replicate)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9370	---	---	3240	---	---	---	---	---	---	---	---	---	---
(Replicate A)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	11600	---	---	3940	---	---	---	---	---	---	---	---	---	---
(Replicate B)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	17300	---	---	5740	---	---	---	---	---	---	---	---	---	---
(Replicate C)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9420	---	---	3070	---	---	---	---	---	---	---	---	---	---
(Replicate D)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16200	---	---	5450	---	---	---	---	---	---	---	---	---	---

Table C.2

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 87 (ng/kg)	PCB 88/91 (ng/kg)	PCB 88/121 (ng/kg)	PCB 89 (ug/kg)	PCB 90/101 (ng/kg)	PCB 90/101/113 (ng/kg)	PCB 91 (ng/kg)	PCB 92 (ng/kg)	PCB 93 (ng/kg)	PCB 93/95/98/100/102 (ng/kg)	PCB 93/98/100/102 (ng/kg)	PCB 94 (ng/kg)	PCB 95 (ng/kg)	PCB 96 (ng/kg)	PCB 97 (ng/kg)	PCB 98 (ng/kg)	PCB 99 (ng/kg)	PCB 100 (ng/kg)	PCB 101 (ng/kg)	PCB 102 (ng/kg)	PCB 103 (ng/kg)	PCB 104 (ng/kg)	PCB 105 (ng/kg)	PCB 106 (ng/kg)	PCB 107 (ng/kg)	PCB 107/109/123 (ng/kg)	PCB 107/124 (ng/kg)	PCB 108/124 (ng/kg)	PCB 109 (ng/kg)	PCB 110 (ng/kg)	PCB 110/115 (ng/kg)	PCB 111/117 (ng/kg)	PCB 111 (ug/kg)	PCB 112 (ng/kg)	PCB 113 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																																						
(Duplicate)	01-Sep-2011	4	7420	---	< 7.0	---	36200	---	1460	6460	---	< 8.0	---	19.6	9350	< 8.0	6880	56.6	18200	96.4	---	229	359	< 7.0	8300	< 5.0	---	2820	---	---	---	---	17300	758	---	< 5.0	< 6.0
	01-Sep-2012	4	402	---	< 1.0	---	2660	---	121	439	---	< 2.0	---	< 2.0	351	< 2.0	317	< 2.0	781	5.2	---	9.4	11.3	< 4.0	647	< 1.0	---	198	---	---	---	---	864	32.5	---	< 1.0	< 1.0
	01-Sep-2013	4	---	129	---	0.00377	---	2560	---	411	---	715	---	2	---	0.801	---	---	---	---	---	---	12.2	0.097	1160	< 3.52	---	---	106	---	218	---	1700	---	0.00276	< 0.224	---
	22-Sep-2014	4	---	107	---	0.00289	---	2260	---	367	---	617	---	1.7	---	0.977	---	---	---	---	---	---	11.2	0.143 [#1]	1070	< 5.09	---	---	91.1	---	233	---	1430	---	0.00218	< 0.173	---
(Replicate A)	22-Sep-2014	1	---	46.5	---	0.00193	---	770	---	126	---	272	---	1.08	---	0.583	---	---	---	---	---	---	4	0.066 [#1]	379	< 1.27	---	---	34.8	---	77.4	---	583	---	0.000974	< 0.14	---
(Replicate B)	22-Sep-2014	1	---	45.1	---	0.00227	---	840	---	139	---	294	---	1.4 [#1]	---	0.587	---	---	---	---	---	---	4.54	0.085 [#1]	414	< 1.64	---	---	38.1	---	85.6	---	586	---	0.00129	< 0.0783	---
	23-Sep-2015	4	---	264	---	0.00594	---	4240	---	771	---	1590	---	4.31	---	2.62	---	---	---	---	---	---	29.1	0.102 [#1]	1460	2.11	---	---	125	---	280	---	2910	---	0.00365	< 0.374	---
	31-Aug-2016	2	---	152	---	0.00304	---	2620	---	483	---	799	---	1.9	---	0.856	---	---	---	---	---	---	15.3	0.065	1480	< 2.79	---	---	87.5	---	292	---	1860	---	0.0029 [#1]	< 0.384	---
	12-Sep-2017	3	---	66.9	---	0.0015 [#1]	---	1120	---	216	---	295	---	1.56	---	0.44	---	---	---	---	---	---	10.9	0.114 [#1]	441	< 0.772	---	---	41.2	---	113	---	677	---	0.00255	< 0.131	---
(Replicate A)	12-Sep-2017	1	---	45.4	---	0.00122 [#1]	---	744	---	141	---	199	---	1.08 [#1]	---	0.273 [#1]	---	---	---	---	---	---	6.04	0.112 [#1]	314	< 0.492	---	---	30.9	---	81.1	---	426	---	0.0016	< 0.0913	---
	29-Aug-2018	3	---	97.9	---	0.0017	---	1420	---	266	---	440	---	3.54	---	1.19 [#1]	---	---	---	---	---	---	18	0.177 [#1]	531	< 1.01	---	---	45	---	137	---	888	---	0.00225	< 0.28	---
(Replicate A)	05-Sep-2019	4	---	46.5	---	0.00153	---	748	---	135	---	234	---	1.11	---	0.629	---	---	---	---	---	---	5.5	0.082	332	< 2.41	---	---	34.6	---	79.5	---	527	---	0.00197	< 0.243	---
(Replicate B)	05-Sep-2019	4	---	43.3	---	0.00145	---	742	---	139	---	228	---	1.15	---	0.512	---	---	---	---	---	---	5.33	0.126	374	< 2.26	---	---	36.2	---	83.1	---	536	---	0.00182	< 0.0705	---
(Replicate A)	25-Aug-2020	7	---	55.3	---	0.00157	---	832	---	195	---	267	---	1.74	---	0.628 [#1]	---	---	---	---	---	---	9.11	0.1 [#1]	388	< 0.522	---	---	33.5	---	91	---	597	---	0.00199 [#1]	< 0.0645	---
(Replicate B)	25-Aug-2020	7	---	64.6	---	0.00128	---	802	---	184	---	267	---	2.08 [#1]	---	0.878	---	---	---	---	---	---	10.9	0.114 [#1]	323	< 0.561	---	---	29.4	---	79.3	---	554	---	0.00205	< 0.0675	---
	29-Sep-2021	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1280	---	---	---	490	---	---	---	---	---	---	---	---	---	---	---	---	---
	29-Sep-2021	10	---	109 [#4]	---	0.00217 [#4]	---	1280 [#4]	---	309 [#4]	---	---	17.0 [#4]	4.05 [#4]	425 [#4]	1.60 [#4]	---	---	---	---	---	---	21.6 [#4]	0.190 [#4]	---	< 0.41 [#4]	147 [#4]	---	---	---	47.1 [#4]	---	---	---	---	0.00408 [#4]	< 0.25 [#4]	---
	12-Oct-2022	9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2490	---	---	---	910	---	---	---	---	---	---	---	---	---	---	---	---	---
	12-Oct-2022	9	---	201	---	0.00361	---	2490	---	620	---	---	32.5	8.67	860	3.03	---	---	---	---	---	---	47.6	0.40	---	< 0.51	282	---	---	---	80.2	---	---	---	0.00997	< 0.51	---
	13-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	807	---	---	---	335	---	---	---	---	---	---	---	---	---	---	---	---	---
	13-Sep-2023	5	---	34.0	---	< 0.0025	---	807	---	153	---	---	11.7	< 2.2	126	< 0.66	---	---	---	---	---	---	6.8	< 0.59	335	< 1.2	73.9	---	---	27.5	---	---	---	0.0041	< 1.4	---
	14-Aug-2024	5	---	48.3	---	0.00114	---	787	---	154	---	---	13.7	1.40	272	< 0.31	---	---	---	---	---	---	7.82	< 0.29	313	< 0.39	59.2	---	---	28.1	---	---	---	0.00126	< 0.31	---
(Replicate A)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	762	---	---	---	263	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate B)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2140	---	---	---	785	---	---	---	---	---	---	---	---	---	---	---	---	---
Brook Trout 3+	04-Oct-2006	3	370	---	< 0.10	---	2600	---	63	360	---	< 0.10	---	< 0.10	820	< 0.10	370	< 0.10	1100	< 0.10	---	< 0.10	< 0.10	< 0.10	720	< 0.10	---	200	---	---	---	---	1100	13	---	< 0.10	< 0.10
	11-Aug-2010	5	625	---	< 1.9	---	2860	---	110	454	---	< 2.3	---	< 2.2	471	< 2.7	481	< 2.4	1100	5.4	---	10.7	16.1	< 2.9	1090	< 1.9	---	316	---	---	---	---	1220	58.5	---	< 1.5	< 1.6
(Duplicate)	11-Aug-2010	5	630	---	< 1.9	---	2770	---	107	427	---	< 2.3	---	< 2.1	461	< 2.7	468	< 2.4	1130	4.8	---	13.5	16.6	< 2.7	994	< 1.7	---	312	---	---	---	---	1170	54.7	---	< 1.5	< 1.7
(Replicate A)	12-Aug-2010	4	1210	---	< 2.5	---	7370	---	289	1200	---	< 3.2	---	< 3.0	1400	< 2.7	883	< 3.2	2200	9.0	---	28.5	25.5	< 3.8	1640	< 1.9	---	524	---	---	---	---	2860	110	---	< 1.9	< 2.2
(Replicate A)	01-Sep-2012	1	253	---	< 0.60	---	1640	---	56.1	293	---	< 0.80	---	< 0.80	196	< 1.0	203	< 0.80	532	2.68 [#1]	---	6.23 [#1]	8.9	< 2.0	410	< 0.50	---	146	---	---	---	---	476	24.2	---	< 0.50	< 0.60
(Replicate B)	01-Sep-2012	1	134	---	< 0.80	---	752	---	37.0	129	---	< 1.0	---	< 1.0	106	< 1.0	99.3	< 1.0	245	< 0.90	---	3.21 [#1]	3.3	< 2.0	241	< 0.60	---	77.1	---	---	---	---	277	11.1	---	< 0.60	< 0.70
(Duplicate)	01-Sep-2012	1	236	---	< 0.60	---	1560	---	54.4	274	---	< 0.80	---	< 0.80	180	< 1.0	185	< 0.80	496	3.02	---	5.86	9.1	< 2.0	405	< 0.50	---	134	---	---	---	---	425	22.6	---	< 0.50	< 0.60
(Replicate C)	01-Sep-2013	1	---	53.5	---	0.0014	---	1020	---	204	---	275	---	1.05	---	0.524	---	---	---	---	---	---	13.3	< 0.0815	453	< 2.31	---	---	34.1	---	108	---	587	---	0.0026	< 0.269	---
(Replicate D)	01-Sep-2013	1	---	59.3	---	0.00142	---	1340	---	234	---	296	---	1.11	---	0.248 [#1]	---	---	---	---	---	---	9.38	< 0.0923	641	< 0.917	---	---	57.6	---	136	---	737	---	0.00203	< 0.275	---
(Known (External Reference Material) Duplicate)	01-Sep-2013	1	314	---	< 5.0	---	1510	---	58.2	244	---	< 5.0	---	< 5.0	200	< 6.0	223	< 6.0	570	< 5.0	---	< 5.0	< 7.0	< 9.0	611	< 4.0	---	188	---	---	---	---	627	26.5	---	< 3.0	< 4.0
	22-Sep-2014	4	---	141	---	0.00286	---	3420	---	559	---	656	---	1.87	---	0.67	---	---	---	---	---	---	28	0.089	1300	< 4.16	---	---	104	---	333	---	1710	---	0.00693	< 0.127	---
(Replicate A)	22-Sep-2014	4	---	49.2	---	0.00183	---	994	---	173	---	286	---	1.09 [#1]	---	0.366 [#1]	---	---	---	---	---	---	5.32	0.073 [#1]	500	< 1.42	---	---	47.6	---	106	---	649	---	0.0016 [#1]	< 0.22	---
(Replicate B)	22-Sep-2014	1	---	69.2	---	0.0012	---	1750	---	256	---	230	---	0.674	---	0.159	---	---	---	---	---	---	7.46	< 0.0574	844	< 2.29	---	---	69.1	---	184	---	839	---	0.00262	< 0.0961	---
(Duplicate)	22-Sep-2014	1	---	151	---	0.00274 [#1]	---	3560	---	588	---	722	---	2.18	---	0.868	---	---	---	---	---	---	31.5	0.074 [#1]	1210	< 5.4	---	---	101	---	341	---	1700	---	0.00605	< 0.266	---
	23-Sep-2015	3	---	422	---	0.00924	---	6670	---	1180	---	2480	---	8.17	---	4.37	---	---	---	---	---	---	51.4	0.217	2300	< 7.88	---	---	205	---	494	---	4580	---	0.0058	< 0.405	---
	31-Aug-2016	2	---	375	---	0.00708	---	6960	---	1260	---	2090	---	5.65	---	2.28	---	---	---	---	---	---	43.2	0.133 [#1]	2500	< 5.33	---	---	224	---	597	---	4800	---	0.00472	< 0.296	---
(Replicate A)	31-Aug-2016	2	---	243	---	0.00431	---	4600	---	852	---	1060	---	3.82	---	1.06	---	---	---	---	---	---	32.2	0.089 [#1]	1740	< 4.28	---	---	155	---	463	---	3010	---	0.00548	< 0.281	---
(Duplicate)	31-Aug-2016	1	---	368	---	0.00727	---	6790	---	1240	---	2080	---	5.78	---	2.27	---	---	---	---	---	---	43.3	0.111	2400	< 4.05	---	---	214	---	565	---	4560	---	0.00463	< 0.643	---
	12-Sep-2017	3	---	77.9	---	0.00169	---	1620	---	279	---	391	---	1.42	---	0.501	---	---	---	---	---	---	10	< 0.0559	658	< 0.956	---	---	55.2	---	150	---	982	---	0.00304	< 0.178	---
	29-Aug-2018	3	---	77.8	---	0.00224	---	1390	---	268	---	363	---	2.16	---	0.607 [#1]	---	---	---	---	---	---	13.2	0.096 [#1]	610	< 0.932	---	---	51.7	---	179	---	890	---	0.00435	< 0.491	---
(Duplicate)	29-Aug-2018	3	---	76.5	---	0.0021	---	1290	---	241	---	361	---	1.65 [#1]	---	0.517 [#1]	---	---	---	---	---	---	13.4	< 0.0511	539	< 1.01	---	---	44.4	---	151	---	795	---	0.00255 [#1]	< 0.274	---
(Lab Replicate)	29-Aug-2018	3	---	75.9	---	0.00176	---	1290	---	242	---	357	---	2.22 [#1]	---	0.745 [#1]	---	---	---	---	---	---	13.3	0.092 [#1]	557	< 1.4	---	---	47.7	---	164	---	806	---	0.00174 [#1]	< 0.414	---
	05-Sep-2019	4	---	65.7	---	0.00184	---	1230	---	229	---	351	---	2.34	---	0.919	---	---	---	---	---	---	11.8	0.114	615	< 3.46	---	---	51.9	---	135	---	888	---	0.00273	< 0.266	---
	29-Sep-2021	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1050	---	---	---	383	---	---	---	---	---	---	---	---	---	---	---	---	---
	29-Sep-2021	3	---	88.0	---	0.0017	---	1050	---	243	---	---	14.5	3.00	395	1.60	---	---	---	---	---	---	16.5	< 0.16	---	< 0.62	107	---	---	38.3	---	---	---	0.00330	< 0.61	---
(Duplicate)	29-Sep-2021	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2540	---	---	---	967	---	---	---	---	---	---	---	---	---	---	---	---	---
(Duplicate)	29-Sep-2021	3	---	195	---	0.0038	---	2540	---	560	---	---	34.6	7.5	883	3.23	---	---	---	---	---	---	37.3	< 0.33	---	< 1.0	251	---	---	95.9	---	---	---	0.0098	< 1.1	---

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 87 (ng/kg)	PCB 88/91 (ng/kg)	PCB 88/121 (ng/kg)	PCB 89 (ug/kg)	PCB 90/101 (ng/kg)	PCB 90/101/113 (ng/kg)	PCB 91 (ng/kg)	PCB 92 (ng/kg)	PCB 93 (ng/kg)	PCB 93/95/98/100/102 (ng/kg)	PCB 93/98/100/102 (ng/kg)	PCB 94 (ng/kg)	PCB 95 (ng/kg)	PCB 96 (ng/kg)	PCB 97 (ng/kg)	PCB 98 (ng/kg)	PCB 99 (ng/kg)	PCB 100 (ng/kg)	PCB 101 (ng/kg)	PCB 102 (ng/kg)	PCB 103 (ng/kg)	PCB 104 (ng/kg)	PCB 105 (ng/kg)	PCB 106 (ng/kg)	PCB 107 (ng/kg)	PCB 107/109/123 (ng/kg)	PCB 107/124 (ng/kg)	PCB 108/124 (ng/kg)	PCB 109 (ng/kg)	PCB 110 (ng/kg)	PCB 110/115 (ng/kg)	PCB 111/117 (ng/kg)	PCB 111 (ug/kg)	PCB 112 (ng/kg)	PCB 113 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																																					
	12-Oct-2022	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2240	---	---	---	747	---	---	---	---	---	---	---	---	---	---	---	---
	12-Oct-2022	3	---	182	---	< 0.0047	---	2240	---	516	---	---	28.3	4.9	504	< 1.3	---	---	---	---	---	---	35.7	< 0.84	---	< 2.3	209	---	---	55.3	---	---	---	---	0.0078	< 2.5	---
	13-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1810	---	---	---	627	---	---	---	---	---	---	---	---	---	---	---	---
	13-Sep-2023	5	---	105	---	0.00246	---	1810	---	372	---	---	38.7	3.96	297	0.79	---	---	---	---	---	---	23.2	0.18	627	< 0.54	170	---	---	61.3	---	---	---	---	0.00579	< 0.22	---
	14-Aug-2024	3	---	53.2	---	0.0017	---	921	---	175	---	---	16.5	2.40	274	< 0.29	---	---	---	---	---	---	8.57	< 0.28	379	< 0.43	78.5	---	---	28.0	---	---	---	---	0.00220	< 0.51	---
(Duplicate)	14-Aug-2024	3	---	61.4	---	0.00190	---	1180	---	232	---	---	18.8	2.52	334	0.73	---	---	---	---	---	---	10.6	< 0.17	511	< 0.39	117	---	---	35.4	---	---	---	---	0.00234	< 0.28	---
(Replicate A)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2000	---	---	---	676	---	---	---	---	---	---	---	---	---	---	---	---
(Duplicate)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3950	---	---	---	1260	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate B)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	681	---	---	---	255	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate B)	24-Sep-2025	3	---	57.7	---	1.37	---	903	---	176	---	---	21.5	1.9	270	<0.62	---	---	---	---	---	---	10.1	<0.043	357	<0.18	89.9	---	---	31.4	---	---	---	---	2.13	<0.62	---
Brook Trout 4+	04-Oct-2006	7	1200	---	< 0.20	---	9000	---	370	1700	---	< 0.20	---	1.6	1600	< 0.20	1300	4.3	3300	10	---	24	45	< 0.40	2800	< 0.20	---	970	---	---	---	---	4300	160	---	< 0.10	< 0.20
	01-Sep-2011	2	2270	---	< 4.0	---	11500	---	447	1950	---	< 5.0	---	< 5.0	2780	< 7.0	1960	< 5.0	4930	22.0	---	54.4	101	< 7.0 [#1]	2810	< 4.0	---	943	---	---	---	---	5150	251	---	< 3.0	< 4.0
	01-Sep-2013	2	---	380	---	0.00923	---	9070	---	1610	---	2470	---	6.81	---	2.48	---	---	---	---	---	---	88.5	0.195	2840	< 6.38	---	---	237	---	668	---	4930	---	0.0113	< 0.312	---
	22-Sep-2014	1	---	473	---	0.0126	---	9950	---	1540	---	2910	---	6.33	---	3.51	---	---	---	---	---	---	56	0.181	3940	< 10.5	---	---	347	---	827	---	6400	---	0.01	< 0.224	---
(Replicate A)	23-Sep-2015	1	---	138	---	0.0042	---	2520	---	415	---	789	---	2.81	---	1.69	---	---	---	---	---	---	19	0.102 [#1]	981	< 3.43	---	---	87.1	---	237	---	1530	---	0.00377	< 0.223	---
(Replicate B)	23-Sep-2015	1	---	183	---	0.00373	---	3700	---	600	---	866	---	2.52	---	1.19	---	---	---	---	---	---	25.5	0.101	1420	< 4.68	---	---	127	---	347	---	1920	---	0.00528	< 0.313	---
	12-Sep-2017	1	---	112	---	0.00211	---	2670	---	443	---	594	---	1.94	---	0.68 [#1]	---	---	---	---	---	---	15.6	< 0.0737	1080	< 1.66	---	---	82.1	---	230	---	1360	---	0.00373	< 0.232	---
(Replicate A)	29-Aug-2018	1	---	204	---	0.00434	---	3730	---	619	---	941	---	3.71 [#1]	---	1.31 [#1]	---	---	---	---	---	---	28.3	0.174 [#1]	1580	< 1.41	---	---	133	---	390	---	2360	---	0.00407 [#1]	< 1	---
(Replicate B)	29-Aug-2018	1	---	67.3	---	0.00179 [#1]	---	1720	---	289	---	283	---	0.904	---	< 0.283	---	---	---	---	---	---	8.69	< 0.0764	815	< 1.07	---	---	61.3	---	195	---	876	---	0.00212	< 0.283	---
(Replicate C)	29-Aug-2018	1	---	72.4	---	0.00209	---	1710	---	264	---	358	---	1.12	---	0.491 [#1]	---	---	---	---	---	---	10.1	0.054 [#1]	765	< 1.3	---	---	69.3	---	217	---	940	---	0.00147	< 0.377	---
	25-Aug-2020	1	---	28.4	---	0.000948	---	587	---	108	---	157	---	0.666 [#1]	---	0.342	---	---	---	---	---	---	4	< 0.0579	300	< 0.578	---	---	23.8	---	61.8	---	358	---	0.00117 [#1]	< 0.079	---
	29-Sep-2021	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1400	---	---	---	540	---	---	---	---	---	---	---	---	---	---	---	---
	29-Sep-2021	1	---	128	---	0.00220	---	1400	---	329	---	---	21.2	5.31	550	2.27	---	---	---	---	---	---	23.8	0.19	---	< 0.48	144	---	---	53.7	---	---	---	---	0.00519	< 0.21	---
	24-Sep-2025	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	688	---	---	---	312	---	---	---	---	---	---	---	---	---	---	---	---
	24-Sep-2025	1	---	30.3	---	1.1	---	585	---	119	---	---	38.5	<0.96	120	<0.27	---	---	---	---	---	---	5.93	<0.061	250	<0.19	63.4	---	---	22.5	---	---	---	---	<1.3	1.03	---
Brook Trout 5+	04-Oct-2006	5	750	---	< 0.20	---	5600	---	180	1000	---	< 0.20	---	< 0.20	890	0.67	720	< 0.20	1700	< 0.20	---	< 0.20	20	< 0.40	1800	< 0.20	---	560	---	---	---	---	2500	82	---	< 0.10	< 0.20
	01-Sep-2007	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	2	420	---	< 2.0	---	4600	---	120	730	---	< 2.4	---	< 2.4	400	< 1.7	360	< 2.5	1200	4.2	---	7.8	17	< 3.7	990	< 1.7	---	380	---	---	---	---	1100	70	---	< 1.7	< 1.8
	12-Aug-2010	1	386	---	< 2.2	---	2190	---	88.7	322	---	< 2.9	---	< 2.9	368	< 2.4	290	< 2.9	759	< 2.5	---	10.3	7.4 [#1]	< 3.5	589	< 1.8	---	185	---	---	---	---	769	33.6	---	< 1.7	< 2.0
	01-Sep-2013	1	---	667	---	0.0136	---	19000	---	3140	---	4450	---	8.07	---	4.05	---	---	---	---	---	---	142	< 0.122	6270	< 10.3	---	---	479	---	1370	---	9410	---	0.0203	< 0.573	---
(Known (External Reference Material) Duplicate)	01-Sep-2013	1	4070	---	< 6.0	---	27500	---	874	4400	---	< 8.0	---	< 8.0	3420	< 8.0	3190	17.3 [#1]	8440	33.6	---	85.6	137	< 10	7430	< 6.0	---	2320	---	---	---	---	10200	374	---	< 5.0	< 6.0
	23-Sep-2015	1	---	226	---	0.0067	---	4320	---	668	---	1420	---	4.31	---	3.06	---	---	---	---	---	---	24	0.111 [#1]	1660	< 5.2	---	---	146	---	374	---	2740	---	0.00486	< 0.272	---
	30-Aug-2016	1	---	171	---	0.00248	---	3850	---	679	---	657	---	3	---	0.84	---	---	---	---	---	---	23.6	0.085 [#1]	1440	< 4.94	---	---	125	---	350	---	1980	---	0.00373	< 0.246	---
	12-Sep-2017	1	---	270	---	0.0059	---	6400	---	1050	---	1340	---	5.43	---	1.54	---	---	---	---	---	---	45.4	0.216 [#1]	3750	< 5.72	---	---	308	---	878	---	4160	---	0.0174	< 0.11	---
(Re-analysis)	12-Sep-2017	1	---	194	---	0.0042	---	4910	---	763	---	947	---	3.95 [#1]	---	1.12	---	---	---	---	---	---	32.7	0.135	2730	< 1.05	---	---	189	---	569	---	2820	---	0.0109 [#1]	< 0.211	---
	29-Sep-2021	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1220	---	---	---	523	---	---	---	---	---	---	---	---	---	---	---	---
	29-Sep-2021	1	---	69.6 [#4]	---	< 0.0035 [#4]	---	1220 [#4]	---	248 [#4]	---	---	12.0 [#4]	< 2.9 [#4]	381 [#4]	< 1.3 [#4]	---	---	---	---	---	---	10.7 [#4]	< 0.87 [#4]	---	< 2.7 [#4]	130 [#4]	---	---	43.0 [#4]	---	---	---	---	< 0.0020 [#4]	< 1.8 [#4]	---
Brook Trout 6+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	470	---	< 2.7	---	4400	---	130	620	---	< 3.2	---	< 3.0	310	< 2.3	430	< 3.3	1400	5.6	---	7.5	14	< 4.1	1100	< 2.1	---	380	---	---	---	---	960	65	---	< 2.3	< 2.4
Brook Trout 7+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Duplicate)	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	200	---	< 1.6	---	1300	---	59	180	---	< 1.9	---	< 1.9	200	< 1.4	150	< 2.0	360	3.4	---	3.6	4.5	< 2.5	400	< 1.3	---	100	---	---	---	---	500	21	---	< 1.4	< 1.5
(Duplicate)	11-Sep-2007	3	180	---	< 2.2	---	1200	---	50	160	---	< 2.6	---	< 2.5	170	< 1.8	130	< 2.7	340	< 2.2	---	4.5	< 2.2	< 3.4	350	< 1.8	---	94	---	---	---	---	430	18	---	< 1.9	< 2.0
Brook Trout 11+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	570	---	< 2.1	---	5900	---	170	880	---	< 2.4	---	< 2.3	490	< 1.7	510	< 2.6	1700	5.9	---	12	22	< 3.6	1200	< 1.6	---	400	---	---	---	---	1400	72	---	150	< 1.9
Brook Trout 12+	01-Sep-2007	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	2	740	---	< 2.6	---	7000	---	210	1100	---	< 3.0	---	< 3.0	770	< 2.2	670	< 3.2	2100	9.4	---	15	34	< 4.1	1600	< 2.1	---	580	---	---	---	---	1800	110	---	190	< 2.3
Brook Trout Unknown	23-Jul-2008	3	90	---	< 1.0	---	440	---	31	76	---	< 1.3	---	< 1.3	120	< 1.0	77	< 1.3	210	2.2	---	2.9	5.4	< 1.3	170	< 0.90	---	55	---	---	---	---	270	11	---	< 0.80	< 0.90
(Replicate)	23-Jul-2008	3	37	---	< 0.80	---	200	---	30	40	---	< 1.0	---	< 1.0	78	< 0.80	34	< 1.0	100	2.5	---	1.8	2.9	< 1.2	52	< 0.70	---	22	---	---	---	---	130	4.9	---	< 0.60	1.1

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 87 (ng/kg)	PCB 88/91 (ng/kg)	PCB 88/121 (ng/kg)	PCB 89 (ug/kg)	PCB 90/101 (ng/kg)	PCB 90/101/113 (ng/kg)	PCB 91 (ng/kg)	PCB 92 (ng/kg)	PCB 93 (ng/kg)	PCB 93/95/98/100/102 (ng/kg)	PCB 93/98/100/102 (ng/kg)	PCB 94 (ng/kg)	PCB 95 (ng/kg)	PCB 96 (ng/kg)	PCB 97 (ng/kg)	PCB 98 (ng/kg)	PCB 99 (ng/kg)	PCB 100 (ng/kg)	PCB 101 (ng/kg)	PCB 102 (ng/kg)	PCB 103 (ng/kg)	PCB 104 (ng/kg)	PCB 105 (ng/kg)	PCB 106 (ng/kg)	PCB 107 (ng/kg)	PCB 107/109/123 (ng/kg)	PCB 107/124 (ng/kg)	PCB 108/124 (ng/kg)	PCB 109 (ng/kg)	PCB 110 (ng/kg)	PCB 110/115 (ng/kg)	PCB 111/117 (ng/kg)	PCB 111 (ug/kg)	PCB 112 (ng/kg)	PCB 113 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																																					
(Replicate A)	23-Jul-2008	2	100	---	< 0.80	---	600	---	38	100	---	< 1.0	---	< 1.0	130	1.1	92	< 1.0	300	3.0	---	3.6	6.9	< 1.1	210	< 0.70	---	83	---	---	---	---	320	15	---	< 0.60	1.7
(Replicate B)	23-Jul-2008	2	82	---	< 0.80	---	350	---	25	59	---	< 1.0	---	< 1.0	100	< 0.80	63	< 1.0	160	1.9	---	2.6	3.0	< 1.1	150	< 0.70	---	46	---	---	---	---	210	9.0	---	< 0.60	0.79
(Replicate C)	23-Jul-2008	2	79	---	< 1.1	---	390	---	25	63	---	< 1.5	---	< 1.5	90	< 1.2	57	< 1.4	150	1.8	---	2.1	2.2	< 1.8	160	< 1.0	---	45	---	---	---	---	210	6.3	---	< 0.90	< 1.0
	12-Oct-2022	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1750	---	---	---	621	---	---	---	---	---	---	---	---	---	---	---	---	---
	12-Oct-2022	1	---	154	---	< 0.0036	---	1750	---	408	---	---	21.0	< 2.8	570	< 1.7	---	---	---	---	---	---	28.9	< 1.1	---	< 2.9	158	---	---	56.3	---	---	---	---	< 0.0021	< 1.9	---
	13-Sep-2023	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1050	---	---	---	421	---	---	---	---	---	---	---	---	---	---	---	---	---
	13-Sep-2023	1	---	62.2 [#5]	---	0.00160 [#5]	---	1050 [#5]	---	223 [#5]	---	---	22.4 [#5]	1.77 [#5]	159 [#5]	0.69 [#5]	---	---	---	---	---	---	13.5 [#5]	0.33 [#5]	421 [#5]	< 0.64 [#5]	109 [#5]	---	---	41.3 [#5]	---	---	---	---	0.00354 [#5]	< 0.30 [#5]	---
(Replicate)	13-Sep-2023	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1080	---	---	---	381	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate)	13-Sep-2023	1	---	40.5	---	< 0.0017	---	1080	---	220	---	---	13.0	2.5	170	< 0.60	---	---	---	---	---	---	12.0	< 0.48	381	< 1.2	95.5	---	---	26.4	---	---	---	---	0.0049	< 0.98	---
(Replicate A)	14-Aug-2024	1	---	43.1	---	0.0015	---	766	---	158	---	---	13.1	< 0.41	230	< 0.33	---	---	---	---	---	---	6.94	< 0.30	360	< 0.46	70.4	---	---	27.9	---	---	---	---	0.0019	< 0.26	---
(Replicate B)	14-Aug-2024	1	---	271	---	0.00388	---	2260	---	557	---	---	106	26	914	10.5	---	---	---	---	---	---	47.1	1.86	765	< 0.40	168	---	---	67.7	---	---	---	---	0.0043	< 0.35	---
(Replicate C)	14-Aug-2024	1	---	39.2	---	0.0015	---	740	---	133	---	---	9.33	1	240	0.75	---	---	---	---	---	---	5.38	< 0.30	315	< 0.33	64.2	---	---	26.5	---	---	---	---	0.00144	< 0.27	---
	24-Sep-2025	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1970	---	---	---	669	---	---	---	---	---	---	---	---	---	---	---	---	---
Brook Trout (Muscle only) 3+	01-Feb-2012	1	643	---	< 8.0	---	2550	---	145	426	---	< 9.0	---	< 9.0	628	< 10	467	< 10	767	< 8.0	---	10.0	< 20	< 20	528	< 6.0	---	173	---	---	---	---	1980	50.0	---	< 5.0	< 7.0
Brook Trout (Skin Only) 3+	01-Feb-2012	1	1330	---	< 7.0	---	5230	---	284	884	---	< 9.0	---	< 10	1330	< 10	1010	< 9.0	1840	< 8.0	---	23.6 [#1]	31	< 10	1160	< 6.0	---	380	---	---	---	---	3900	107	---	< 5.0	< 7.0
Brook Trout (Stomach) 1+	01-Sep-2012	4	31.3	---	< 2.0	---	116	---	15.4	22.2	---	< 2.0	---	< 2.0	47.9	< 3.0	18.8	< 2.0	36.0	< 2.0	---	< 2.0	< 3.0	< 4.0	37.3	< 1.0	---	8.2	---	---	---	---	57.6	< 1.0	---	< 1.0	< 2.0
Brook Trout (Stomach) 2+	01-Sep-2012	4	45.7 [#1]	---	< 4.0	---	150	---	< 7.0	23.8	---	< 5.0	---	< 5.0	61.9	< 6.0	15.7 [#1]	< 5.0	68.5	< 4.0	---	< 4.0	< 7.0	< 10	67.6	< 3.0	---	21.1	---	---	---	---	68.0	< 3.0	---	< 3.0	< 4.0
Brook Trout (Stomach) 3+ (Replicate A)	01-Sep-2012	1	27.7	---	< 2.0	---	94.6	---	9.0	14.4 [#1]	---	< 2.0	---	< 2.0	38.5 [#1]	< 3.0	13.4 [#1]	< 2.0	29.5	< 2.0	---	< 2.0	< 3.0	< 4.0	30.5 [#1]	< 1.0	---	10.1 [#1]	---	---	---	---	49.7	2.2 [#1]	---	< 1.0	< 2.0
(Replicate B)	01-Sep-2012	1	86.3	---	< 3.0	---	266	---	26.9	82.2 [#1]	---	< 4.0	---	< 4.0	79.6	< 5.0	56.4 [#1]	< 4.0 [#1]	136	< 3.0	---	< 4.0	< 6.0	< 8.0	140	< 2.0	---	47.7 [#1]	---	---	---	---	163	5.9	---	< 2.0	< 3.0
White Sucker 1+	01-Feb-2012	1	580	---	< 6.0	---	2000	---	170	337	---	< 7.0	---	< 8.0	460	< 10	398	< 7.0	711	< 6.0	---	< 6.0	< 10	< 10	672	< 5.0	---	204	---	---	---	---	1920	49.3	---	< 4.0	< 5.0
	21-Sep-2014	2	---	7.58	---	0.000513	---	167	---	21.1	---	43.5	---	< 0.147	---	< 0.0579	---	---	---	---	---	---	0.433 [#1]	< 0.0579	71.9	< 0.514	---	---	6.7	---	15.7	---	131	---	0.000211	< 0.103	---
White Sucker 2+	01-Feb-2012	1	43.1	---	< 3.0	---	113	---	12.5	16.8	---	< 3.0	---	< 3.0	53.2	< 5.0	30.0	< 4.0	43.4	< 3.0	---	< 3.0	< 6.0	< 6.0	35.4	< 2.0	---	14.4 [#1]	---	---	---	---	102	3.4 [#1]	---	< 2.0	< 3.0
	22-Sep-2014	4	---	10.7	---	0.000662	---	246	---	30.9	---	60.1	---	0.319	---	0.194	---	---	---	---	---	---	0.858	< 0.0573	110	< 0.764	---	---	10.1	---	25.5	---	185	---	0.000475	< 0.0798	---
White Sucker 3+	01-Feb-2012	1	133	---	< 10	---	336	---	39 [#1]	39	---	< 10	---	< 10	123 [#1]	< 20	73 [#1]	< 10	97	< 10	---	< 10	< 20	< 20	99.8 [#1]	< 9.0	---	< 8.0	---	---	---	---	405 [#1]	< 8.0	---	< 8.0	< 10
White Sucker 6+	01-Sep-2007	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	4	23	---	< 1.3	---	180	---	6.9	19	---	< 1.5	---	< 1.4	19	< 1.1	17	< 1.5	54	< 1.3	---	< 1.3	< 1.3	< 2.0	60	< 1.0	---	18	---	---	---	---	63	2.3	---	< 1.1	< 1.1
White Sucker 7+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	28	---	< 1.8	---	160	---	5.2	17	---	< 2.1	---	< 2.1	16	< 1.5	19	< 2.2	59	< 1.8	---	< 1.8	< 1.8	< 2.5	79	< 1.5	---	20	---	---	---	---	73	< 1.5	---	< 1.6	< 1.6
White Sucker 8+	01-Sep-2007	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	5	22	---	< 1.4	---	160	---	5.1	17	---	< 1.7	---	< 1.5	20	< 1.2	16	< 1.8	45	< 1.4	---	< 1.4	< 1.5	< 2.0	61	< 1.1	---	15	---	---	---	---	60	< 1.1	---	< 1.2	< 1.3
	11-Aug-2009	4	65	---	< 16	---	465	---	< 26	63	---	< 58	---	< 32	68	< 24	46	< 37	126	< 27	---	< 28	< 29	< 34	110	< 11	---	42	---	---	---	---	205	< 11	---	< 11	< 14
White Sucker 9+	01-Sep-2007	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	4	43	---	< 1.3	---	290	---	10	26	---	< 1.6	---	< 1.5	28	< 1.1	31	< 1.6	86	< 1.4	---	< 1.3	< 1.4	< 1.8	120	< 1.1	---	33	---	---	---	---	110	5.1	---	< 1.1	< 1.2
White Sucker 10+	11-Aug-2009	4	65	---	< 12	---	280	---	23 [#1]	48	---	< 44	---	< 21	56	< 18	37	< 28	104	< 18	---	< 21	< 22	< 26	71.5	< 7.2	---	26.0	---	---	---	---	166	7.0 [#1]	---	< 7.9	< 10
CRL-1	27-Jun-2012	---	102	---	< 10	---	376	---	< 30	< 30	< 20	---	---	< 20	265	< 10	54	< 20	61	< 20	---	< 10	< 20	< 30	53.8	< 10	---	< 10	---	---	---	216	---	< 10	---	< 10	< 10
CRL-2	27-Jun-2012	---	98.8	---	< 6.0	---	276	---	52	54	< 7.0	---	---	< 7.0	216	< 6.0	62.2	< 8.0	73.2	< 6.0	---	< 6.0	< 7.0	< 9.0	81.3	< 5.0	---	14.0	---	---	---	163	---	< 4.0	---	< 5.0	< 6.0
CRL-3	26-Jun-2012	---	109	---	< 8.0	---	299	---	51	81	< 9.0	---	---	< 10	229	< 8.0	65.5	< 10	67.5	< 9.0	---	< 8.0	< 9.0	< 10	78.0	< 7.0	---	< 8.0	---	---	---	194	---	< 6.0	---	< 6.0	< 7.0
CRL-FB2	27-Jun-2012	---	< 40	---	< 30	---	207	---	< 60	< 60	< 40	---	---	< 30	243	< 30	< 40	< 40	< 30	< 30	---	< 40	< 40	< 50	< 20	< 20	---	< 30	---	---	---	88	---	< 20	---	< 20	< 30
Forage Fish	04-Nov-2014	---	---	25.7	---	0.0017	---	506	---	82.8	---	152	---	0.543	---	0.457	---	---	---	---	---	---	1.27	0.074 [#1]	411	< 2.76	---	---	39	---	98.2	---	578	---	0.000871 [#1]	2.02 [#1]	---
Invertebrates	22-Aug-2014	---	---	79.5	---	0.00174	---	2620	---	386	---	561	---	0.983	---	0.503 [#1]	---	---	---	---	---	---	4.79	< 0.295	1610	< 13.3	---	---	156	---	354	---	1960	---	0.00138 [#1]	16.3	---
Edith Lake																																					
Brook Trout 1+	11-Aug-2009	7	34.8	---	< 4.3	---	367	---	28	55	---	< 16	---	< 10	51.5	< 6.5	24.2	< 10	73.0	< 8.5	---	< 7.7	< 7.8	< 16	35.7	< 3.5	---	14.1	---	---	---	---	102	3.4	---	< 2.9	< 3.7
	01-Sep-2011	4	61.8	---	< 2.0	---	331	---	52.3	63.1	---	< 2.0	---	< 2.0	127	< 3.0	61.2	< 3.0	179	5.9 [#1]	---	4.9 [#1]	< 4.0	< 3.0	49.9	< 2.0	---	22.1 [#1]	---	---	---	---	227	10.8	---	< 2.0	< 2.0
(Duplicate)	01-Sep-2011	4	91.8	---	< 5.0	---	431	---	56.2	90.3	---	< 6.0	---	< 6.0	181	< 7.0	76.3	< 6.0	330	< 5.0	---	7.4 [#1]	< 8.0	< 6.0	75.1	< 4.0	---	31.2	---	---	---	---	331	12.2	---	< 3.0	< 4.0
	01-Sep-2012	3	102	---	< 1.0	---	717	---	94.6	133	---	< 1.0	---	< 1.0	156	< 2.0	95.3	< 1.0	311	8.5 [#1]	---	5.7 [#1]	7.4	< 3.0	142	< 0.80	---	62.1	---	---	---	---	314	14.7	---	< 0.80	< 0.90

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 87 (ng/kg)	PCB 88/91 (ng/kg)	PCB 88/121 (ng/kg)	PCB 89 (ug/kg)	PCB 90/101 (ng/kg)	PCB 90/101/113 (ng/kg)	PCB 91 (ng/kg)	PCB 92 (ng/kg)	PCB 93 (ng/kg)	PCB 93/95/98/100/102 (ng/kg)	PCB 93/98/100/102 (ng/kg)	PCB 94 (ng/kg)	PCB 95 (ng/kg)	PCB 96 (ng/kg)	PCB 97 (ng/kg)	PCB 98 (ng/kg)	PCB 99 (ng/kg)	PCB 100 (ng/kg)	PCB 101 (ng/kg)	PCB 102 (ng/kg)	PCB 103 (ng/kg)	PCB 104 (ng/kg)	PCB 105 (ng/kg)	PCB 106 (ng/kg)	PCB 107 (ng/kg)	PCB 107/109/123 (ng/kg)	PCB 107/124 (ng/kg)	PCB 108/124 (ng/kg)	PCB 109 (ng/kg)	PCB 110 (ng/kg)	PCB 110/115 (ng/kg)	PCB 111/117 (ng/kg)	PCB 111 (ug/kg)	PCB 112 (ng/kg)	PCB 113 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - Continued																																						
	22-Sep-2015	3	---	160	---	0.00414	---	1210	---	245	---	699	---	4.97	---	2.47	---	---	---	---	---	---	18.4	0.272	292	< 1.01	---	---	30.5	---	85.8	---	962	---	0.00281	< 0.31	---
	30-Aug-2016	2	---	86.5	---	0.00191	---	465	---	113	---	291	---	2.84	---	1.17	---	---	---	---	---	---	11.2	0.186	83.4	< 0.39	---	---	11.3	---	42.7	---	397	---	0.0016	< 0.134	---
	13-Sep-2017	3	---	110	---	0.0023	---	562	---	128	---	354	---	3.84	---	1.66	---	---	---	---	---	---	14.6	0.348	111	< 0.437	---	---	14.8	---	51.8	---	507	---	0.00279	< 0.169	---
	30-Aug-2018	3	---	57.5	---	0.00122 [#1]	---	306	---	67.5	---	176	---	1.96	---	0.679 [#1]	---	---	---	---	---	---	8.38	0.216 [#1]	66.2	< 0.65	---	---	8.68	---	32.3	---	258	---	0.00157 [#1]	< 0.275	---
	06-Sep-2019	4	---	66.7	---	0.0013	---	367	---	81.6	---	213	---	2.34	---	0.753	---	---	---	---	---	---	9.1	0.211	94.1	< 0.502	---	---	9.6	---	33.4	---	312	---	0.00188	< 0.144	---
(Replicate B)	06-Sep-2019	4	---	74.7	---	0.00115	---	421	---	93.5	---	216	---	2.11	---	0.557	---	---	---	---	---	---	8.97	0.238	107	< 0.437	---	---	11.7	---	42.6	---	354	---	0.00273	< 0.25	---
	26-Aug-2020	7	---	56.8	---	0.00126 [#1]	---	289	---	70.8	---	181	---	1.94	---	0.741	---	---	---	---	---	---	7.57	0.175	68.6	< 0.227	---	---	7.48	---	24.3	---	261	---	0.00131 [#1]	< 0.105	---
	30-Sep-2021	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	107	---	---	---	26.1	---	---	---	---	---	---	---	---	---	---	---	---
	30-Sep-2021	8	---	13.0	---	< 0.00070	---	107	---	23.6	---	---	1.80	< 0.57	64.8	< 0.20	---	---	---	---	---	---	2.17	< 0.13	---	< 0.32	9.47	---	---	2.89	---	---	---	---	0.00055	< 0.36	---
	13-Oct-2022	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	77.5	---	---	---	26.3	---	---	---	---	---	---	---	---	---	---	---	---
	13-Oct-2022	2	---	< 2.0	---	< 0.0025	---	77.5	---	14.9	---	---	< 1.9	< 1.9	26.2	< 1.1	---	---	---	---	---	---	< 1.9	< 0.69	---	< 1.6	8.3	---	---	< 1.5	---	---	---	---	< 0.0014	< 1.3	---
	14-Sep-2023	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	155	---	---	---	25.8	---	---	---	---	---	---	---	---	---	---	---	---
	14-Sep-2023	2	---	23.4	---	< 0.00088	---	155	---	36.5	---	---	5.68	< 0.82	83.1	0.78	---	---	---	---	---	---	3.30	< 0.38	25.8	< 0.58	10.7	---	---	3.43	---	---	---	---	0.00081	< 0.52	---
	15-Aug-2024	5	---	21.7	---	0.00160	---	209	---	44.0	---	---	5.50	0.58	164	0.95	---	---	---	---	---	---	1.70	< 0.22	45.1	< 0.31	9.53	---	---	4.13	---	---	---	---	0.00038	< 0.24	---
Brook Trout 2+	11-Aug-2009	4	36.4	---	< 4.2	---	314	---	27	42	---	< 16	---	< 11	57.6	< 6.4	22.6	< 9.9	82.4	< 9.2	---	< 7.6	< 7.7	< 14	35.7	< 3.8	---	13.1	---	---	---	---	88.8	< 3.7	---	< 2.8	< 3.7
	11-Aug-2010	5	328	---	< 1.7	---	1600	---	58.6	215	---	< 2.1	---	< 1.9	382	< 2.4	233	< 2.2	565	< 1.6	---	6.1	14.4	< 2.5	466	< 1.5	---	163	---	---	---	---	931	35.8	---	< 1.3	< 1.5
	01-Sep-2011	4	476	---	< 3.0	---	2560	---	95.3	408	---	< 4.0	---	< 4.0	525	< 5.0	366	< 4.0	857	< 3.0	---	10.6 [#1]	14.0	< 5.0	590	< 3.0	---	173	---	---	---	---	1250	45.0	---	< 2.0	< 3.0
	01-Sep-2012	3	369	---	< 1.0	---	2390	---	89.3	338	---	< 2.0	---	< 2.0	357	< 2.0	259	< 2.0	598	3.7 [#1]	---	8.5	8.6	< 3.0	554	< 1.0	---	159	---	---	---	---	894	34.3	---	< 1.0	< 1.0
	01-Sep-2013	3	---	117	---	0.00211	---	3300	---	563	---	906	---	3.46	---	0.854	---	---	---	---	---	---	39.3	0.107	1050	< 2.51	---	---	74	---	325	---	2250	---	0.00882	< 0.115	---
	21-Sep-2014	4	---	78.4	---	0.00151	---	2270	---	326	---	468	---	1.57	---	0.642	---	---	---	---	---	---	16.3	< 0.0959	455	< 1.46	---	---	33.4	---	101	---	1450	---	0.00348	< 0.343	---
(Replicate A)	21-Sep-2014	1	---	111	---	0.00256	---	1830	---	292	---	488	---	1.76	---	0.692 [#1]	---	---	---	---	---	---	14.2	< 0.0565	405	< 1.14	---	---	33.2	---	76.8	---	1330	---	0.00243	< 0.192	---
(Replicate B)	21-Sep-2014	1	---	18.5	---	0.000338 [#1]	---	311	---	49.5	---	84	---	0.522	---	0.095 [#1]	---	---	---	---	---	---	3.11	< 0.0579	59.3	< 0.232	---	---	5.1	---	13.5	---	208	---	0.000923	< 0.16	---
	22-Sep-2015	1	---	3.87	---	< 0.000157	---	97.3	---	13.6	---	24.9	---	< 0.165	---	< 0.0888	---	---	---	---	---	---	8.22	< 0.0825	33.4	< 0.285	---	---	2.61	---	8.3	---	53.8	---	0.000279	< 0.105	---
	30-Aug-2016	2	---	88.5	---	0.00168	---	1480	---	259	---	480	---	2.19	---	0.696	---	---	---	---	---	---	13.9	0.103	463	< 1.56	---	---	39.5	---	139	---	1050	---	0.00198	< 0.153	---
	13-Sep-2017	3	---	19.3	---	< 0.00018	---	225	---	36.8	---	38.5	---	0.215 [#1]	---	< 0.076	---	---	---	---	---	---	2.18	< 0.0763	68.3	< 0.304	---	---	6.01	---	22.3	---	126	---	0.00106 [#1]	< 0.129	---
	30-Aug-2018	3	---	31.9	---	0.000593 [#1]	---	242	---	46.1	---	93.4	---	0.573 [#1]	---	< 0.275	---	---	---	---	---	---	4.86	0.065 [#1]	68.6	< 0.414	---	---	6.2	---	23.4	---	179	---	< 0.000275	< 0.275	---
(Replicate A)	06-Sep-2019	4	---	14.9	---	0.000221	---	129	---	24.1	---	37.5	---	0.236	---	< 0.0577	---	---	---	---	---	---	1.72	< 0.0577	40.4	< 0.317	---	---	3.61	---	12.7	---	87.9	---	0.000484	< 0.0711	---
(Replicate B)	06-Sep-2019	4	---	24.1	---	0.000302	---	229	---	46.1	---	75.6	---	0.719	---	0.22	---	---	---	---	---	---	3.4	0.074	72	< 0.123	---	---	7.22	---	21.8	---	167	---	0.000864	< 0.0567	---
	26-Aug-2020	2	---	39.6	---	0.000666	---	306	---	60.8	---	112	---	0.923	---	0.221 [#1]	---	---	---	---	---	---	5.47	0.114	87.8	< 0.277	---	---	< 0.298	---	28.6	---	226	---	0.00153	< 0.0585	---
	30-Sep-2021	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	125	---	---	---	39.4	---	---	---	---	---	---	---	---	---	---	---	---
	30-Sep-2021	10	---	12.6	---	< 0.00045	---	125	---	24.1	---	---	1.50	< 0.37	55.3	< 0.15	---	---	---	---	---	---	2.14	< 0.10	---	< 0.25	11.5	---	---	4.16	---	---	---	---	0.00076	< 0.23	---
	13-Oct-2022	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	899	---	---	---	397	---	---	---	---	---	---	---	---	---	---	---	---
	13-Oct-2022	8	---	44.3	---	0.00120	---	899	---	166	---	---	11.2	1.72	367	0.77	---	---	---	---	---	---	9.91	< 0.11	---	< 0.39	97.6	---	---	31.6	---	---	---	---	0.00402	< 0.41	---
	14-Sep-2023	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	236	---	---	---	83.3	---	---	---	---	---	---	---	---	---	---	---	---
	14-Sep-2023	3	---	5.07	---	< 0.00059	---	236	---	43.1	---	---	1.10	< 0.54	28.9	< 0.15	---	---	---	---	---	---	2.50	< 0.16	83.3	< 0.40	32.2	---	---	5.61	---	---	---	---	0.00174	< 0.35	---
	15-Aug-2024	6	---	13.2	---	< 0.00038	---	337	---	41.5	---	---	3.44	< 0.31	107	< 0.21	---	---	---	---	---	---	2.40	< 0.24	138	< 0.26	30.1	---	---	10.6	---	---	---	---	0.00103	0.39	---
Brook Trout 3+	11-Aug-2010	3	370	---	< 1.6	---	2100	---	63.3	327	---	< 2.0	---	< 1.8	523	< 2.3	281	< 2.1	745	< 1.5	---	7.9	24.7	< 2.2	519	< 1.5	---	219	---	---	---	---	1200	46.1	---	< 1.3	< 1.4
	01-Sep-2011	3	372	---	< 5.0	---	2200	---	74.2	387	---	< 6.0	---	< 7.0	444	< 8.0	296	< 6.0	856	< 6.0	---	9.1	19 [#1]	< 10	453	< 5.0	---	183	---	---	---	---	1050	47.6	---	< 4.0	< 5.0
	01-Sep-2012	5	528	---	< 1.0	---	3070	---	118	466	---	< 2.0	---	< 2.0	493	< 2.0	373	< 2.0	792	3.4 [#1]	---	9.9	13.5 [#1]	< 4.0	680	< 1.0	---	201	---	---	---	---	1200	42.4	---	< 1.0	< 1.0
(Replicate A)	01-Sep-2013	3	---	133	---	0.00191	---	4010	---	543	---	989	---	1.15	---	0.675	---	---	---	---	---	---	22.8	< 0.0634	1340	< 4.27	---	---	119	---	313	---	2740	---	0.00574	< 0.206	---
(Replicate B)	01-Sep-2013	3	---	72.9	---	0.000993	---	3170	---	420	---	783	---	0.999	---	0.362	---	---	---	---	---	---	20.9	< 0.062	1180	< 5.23	---	---	103	---	296	---	2330	---	0.00633	< 0.173	---
(Duplicate)	01-Sep-2013	3	---	123	---	0.00139	---	3660	---	485	---	889	---	1.09	---	0.654	---	---	---	---	---	---	21.7	0.118	1170	< 4.59	---	---	107	---	273	---	2440	---	0.00565	< 0.0727	---
(Known (External Reference Material) Duplicate)	01-Sep-2013	3	929	---	< 4.0	---	6280	---	166	838	---	< 5.0	---	< 5.0	788	< 5.0	566	< 6.0	1430	< 4.0	---	14.4 [#1]	23.1	< 10	1700	< 4.0	---	495	---	---	---	---	2980	89.4	---	< 3.0	< 4.0
	21-Sep-2014	4	---	78.3	---	0.00128	---	2480	---	385	---	596	---	1.5 [#1]	---	0.615 [#1]	---	---	---	---	---	---	21.4	0.06 [#1]	847	< 3.92	---	---	74.3	---	243	---	1540	---	0.00473	< 0.229	---
(Replicate A)	21-Sep-2014	1	---	96.8	---	0.00352	---	1310	---	214	---	558	---	2.63	---	1.48	---	---	---	---	---	---	12.2	0.078	543	< 1.96	---	---	53.2	---	125	---	1050	---	0.00145 [#1]	< 0.15	---
(Replicate B)	21-Sep-2014	1	---	56.9	---	0.000446 [#1]	---	1530	---	204	---	207	---	0.721	---	0.084 [#1]	---	---	---	---	---	---	11.1	0.119 [#1]	519	< 3.39	---	---	37	---	137	---	791	---	0.0028 [#1]	< 0.195	---
	22-Sep-2015	3	---	82.0	---	0.00137	---	1590	---	261	---	551	---	1.19	---	0.829	---	---	---	---	---	---	10.2	< 0.057	550	< 1.64	---	---	50.1	---	114	---	1110	---	0.00163	< 0.322	---
(Duplicate)	22-Sep-2015	3	---	81.7	---	0.00134	---	1530	---	258	---	543	---	0.99	---	0.832	---	---	---	---	---	---	10.2	< 0.0837	512	< 2.43	---	---	47.0	---	108	---	1080	---	0.00141	< 0.363	---
	30-Aug-2016	1	---	64.9	---	0.00103 [#1]	---	1440	---	246	---	465	---	0.861	---	0.432 [#1]	---	---	---	---	---	---	9.32	< 0.0576	592	< 1.55	---	---	41.6	---	144	---	1080	---	0.002	< 0.253	---
	13-Sep-2017	3	---	24.5	---	0.000282 [#1]	---	656	---	94.6	---	116	---	< 0.166	---	< 0.09	---	---	---	---	---	---	3.17 [#1]	< 0.0876	263	< 0.693	---	---	19.2	---	57.7	---	362	---	0.00111	< 0.11	---
(Duplicate)	13-Sep-2017	3	---	22.2	---	0.000193 [#1]	---	598	---	87.7	---	105	---	0.231 [#1]	---	< 0.0746	---	---	---	---	---	---	2.92	< 0.0776	234	< 0.545	---	---	18.6	---	56.8	---	330	---	0.00111	< 0.112	---

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 87 (ng/kg)	PCB 88/91 (ng/kg)	PCB 88/121 (ng/kg)	PCB 89 (ug/kg)	PCB 90/101 (ng/kg)	PCB 90/101/113 (ng/kg)	PCB 91 (ng/kg)	PCB 92 (ng/kg)	PCB 93 (ng/kg)	PCB 93/95/98/100/102 (ng/kg)	PCB 93/98/100/102 (ng/kg)	PCB 94 (ng/kg)	PCB 95 (ng/kg)	PCB 96 (ng/kg)	PCB 97 (ng/kg)	PCB 98 (ng/kg)	PCB 99 (ng/kg)	PCB 100 (ng/kg)	PCB 101 (ng/kg)	PCB 102 (ng/kg)	PCB 103 (ng/kg)	PCB 104 (ng/kg)	PCB 105 (ng/kg)	PCB 106 (ng/kg)	PCB 107 (ng/kg)	PCB 107/109/123 (ng/kg)	PCB 107/124 (ng/kg)	PCB 108/124 (ng/kg)	PCB 109 (ng/kg)	PCB 110 (ng/kg)	PCB 110/115 (ng/kg)	PCB 111/117 (ng/kg)	PCB 111 (ug/kg)	PCB 112 (ng/kg)	PCB 113 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - Continued																																						
	30-Aug-2018	3	---	13.4	---	< 0.000285	---	191	---	30.6	---	47.1	---	< 0.285	---	< 0.285	---	---	---	---	---	---	2.13 #1	< 0.0491	65.6	< 0.616	---	---	5.16	---	18.3	---	118	---	0.000647	< 0.285	---
	06-Sep-2019	4	---	17.6	---	0.000207	---	240	---	43.7	---	60.2	---	0.442	---	0.085	---	---	---	---	---	---	2.25	0.098	81.3	< 0.925	---	---	7.2	---	31.9	---	156	---	0.000734	< 0.0883	---
(Duplicate)	06-Sep-2019	4	---	18.6	---	0.000271	---	249	---	42.4	---	68.7	---	0.365	---	0.101	---	---	---	---	---	---	2.68	< 0.0575	97	< 0.589	---	---	7.57	---	29.6	---	172	---	0.000874	< 0.0834	---
	26-Aug-2020	5	---	16.9	---	0.000269	---	220	---	44.9	---	59.5	---	0.419 #1	---	0.15	---	---	---	---	---	---	2.84	< 0.0573	83.3	< 0.291	---	---	7.64	---	18.7	---	144	---	0.000706	< 0.0645	---
(Duplicate)	26-Aug-2020	5	---	34.7	---	0.000554 #1	---	270	---	48.3	---	98.9	---	0.953	---	0.207	---	---	---	---	---	---	4.96	0.097 #1	73.9	< 0.227	---	---	7.28	---	24.4	---	196	---	0.0014	< 0.058	---
	30-Sep-2021	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	213	---	---	---	73.2	---	---	---	---	---	---	---	---	---	---	---	---	---
	30-Sep-2021	3	---	15.1 #4	---	< 0.00097 #4	---	213 #4	---	39.6 #4	---	---	2.90 #4	< 0.77 #4	76.2 #4	< 0.53 #4	---	---	---	---	---	---	< 0.74 #4	< 0.35 #4	---	< 0.77 #4	16.2 #4	---	---	6.70 #4	---	---	---	---	< 0.00057 #4	< 0.52 #4	---
	13-Oct-2022	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	236	---	---	---	81.5	---	---	---	---	---	---	---	---	---	---	---	---	---
	13-Oct-2022	8	---	17.2	---	< 0.00062	---	236	---	48.9	---	---	1.20	0.79	73.7	< 0.21	---	---	---	---	---	---	3.70	< 0.14	---	< 0.47	23.6	---	---	6.56	---	---	---	---	0.00100	< 0.32	---
	14-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	365	---	---	---	126	---	---	---	---	---	---	---	---	---	---	---	---	---
	14-Sep-2023	5	---	12.3	---	< 0.0012	---	365	---	65.0	---	---	3.7	< 1.1	67.7	< 0.40	---	---	---	---	---	---	4.5	< 0.35	126	< 1.1	39.7	---	---	10.0	---	---	---	---	0.00251	< 0.73	---
(Duplicate)	14-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	391	---	---	---	132	---	---	---	---	---	---	---	---	---	---	---	---	---
(Duplicate)	14-Sep-2023	5	---	16.8	---	< 0.0034	---	391	---	70.1	---	---	5.2	< 3.2	70.5	< 0.49	---	---	---	---	---	---	3.8	< 0.52	132	< 1.3	41.1	---	---	11.4	---	---	---	---	0.0025	< 2.0	---
	15-Aug-2024	2	---	10.1	---	< 0.00067	---	222	---	34.2	---	---	3.28	0.79	54.2	< 0.33	---	---	---	---	---	---	2.60	< 0.35	76.8	< 0.39	17.5	---	---	5.17	---	---	---	---	0.00099	< 0.35	---
Brook Trout 4+	04-Oct-2006	5	790	---	< 0.20	---	6200	---	210	1000	---	< 0.20	---	< 0.20	1000	0.85	800	2.6	2000	< 0.20	---	< 0.20	29	< 0.40	1700	< 0.20	---	650	---	---	---	---	3000	94	---	< 0.10	< 0.10
	01-Sep-2011	2	1370	---	< 4.0	---	6420	---	272	1030	---	< 5.0	---	< 5.0	1760	< 7.0	1040	< 5.0	2440	12.0 #1	---	37.1 #1	50.7	< 6.0	1430	< 3.0	---	477	---	---	---	---	3580	112	---	< 3.0	< 4.0
	01-Sep-2013	2	---	165	---	0.00392	---	4820	---	680	---	1350	---	2	---	1.15	---	---	---	---	---	---	23.2	< 0.0542	1720	< 5.75	---	---	143	---	379	---	3490	---	0.00459	< 0.213	---
	21-Sep-2014	1	---	112	---	0.0013 #1	---	3870	---	582	---	1040	---	1.58	---	0.604	---	---	---	---	---	---	41	< 0.0556	1080	< 4.23	---	---	103	---	340	---	2310	---	0.00884	< 0.113	---
(Replicate B)	22-Sep-2015	1	---	138	---	0.00168	---	3130	---	470	---	877	---	1.82	---	0.918	---	---	---	---	---	---	20.8	< 0.0716	1140	< 5.95	---	---	87.1	---	244	---	2060	---	0.00361	< 0.481	---
(Replicate A)	23-Sep-2015	1	---	84.9	---	0.000937	---	1980	---	382	---	628	---	2.39	---	0.915	---	---	---	---	---	---	22.8	< 0.0562	631	< 0.31	---	---	44.6	---	183	---	1330	---	0.00495	< 0.24	---
	30-Aug-2016	1	---	54.8	---	0.000855	---	1420	---	257	---	419	---	0.948	---	0.488	---	---	---	---	---	---	11.3	< 0.057	595	< 1.42	---	---	34.2	---	148	---	1010	---	0.00198 #1	< 0.198	---
	13-Sep-2017	1	---	29.3	---	0.000483 #1	---	768	---	113	---	204	---	0.375	---	0.152	---	---	---	---	---	---	3.85	< 0.0675	325	< 0.599	---	---	22.5	---	66.7	---	587	---	0.0013	< 0.151	---
	30-Aug-2018	1	---	20.7	---	< 0.000316	---	456	---	72.8	---	78.6	---	< 0.321	---	< 0.278	---	---	---	---	---	---	3.37	< 0.0479	168	< 0.583	---	---	12.6	---	43.3	---	240	---	0.000824 #1	< 0.278	---
	26-Aug-2020	2	---	16	---	0.00018 #1	---	219	---	37.8	---	62.6	---	0.607	---	0.225 #1	---	---	---	---	---	---	3.03 #1	< 0.0576	74.4	< 0.209	---	---	6.94	---	19.2	---	140	---	0.000713	< 0.0576	---
	14-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	264	---	---	---	102	---	---	---	---	---	---	---	---	---	---	---	---	---
	14-Sep-2023	5	---	10.8	---	< 0.0011	---	264	---	41.1	---	---	2.20	< 0.99	39.9	< 0.41	---	---	---	---	---	---	2.00	< 0.41	102	< 0.83	26.6	---	---	7.98	---	---	---	---	0.00140	< 0.63	---
	15-Aug-2024	1	---	7.13	---	< 0.00075	---	183	---	25.9	---	---	1.80	< 0.61	50.0	< 0.23	---	---	---	---	---	---	1.80	< 0.23	63.5	< 0.28	13.1	---	---	4.54	---	---	---	---	0.00063	< 0.39	---
Brook Trout 5+	04-Oct-2006	4	200	---	< 0.10	---	1700	---	46	300	---	< 0.20	---	< 0.20	290	< 0.20	210	< 0.20	530	1.4	---	< 0.10	< 0.20	< 0.30	490	< 0.10	---	160	---	---	---	---	790	27	---	< 0.10	< 0.10
	01-Sep-2011	2	575	---	< 3.0	---	3000	---	81.5	453	---	< 4.0	---	< 4.0	626	< 6.0	397	< 4.0	1180	5.0 #1	---	11.1	29.5	< 5.0	678	< 3.0	---	245	---	---	---	---	1490	57.3	---	< 3.0	< 3.0
	01-Sep-2013	1	---	84.8	---	0.00185	---	2510	---	367	---	762	---	1.38	---	0.668	---	---	---	---	---	---	17.2	< 0.152	964	< 4.7	---	---	82.2	---	224	---	1870	---	0.00396	< 0.251	---
	21-Sep-2014	1	---	75.9	---	0.000836 #1	---	2630	---	425	---	500	---	0.866	---	0.231 #1	---	---	---	---	---	---	22.3	< 0.057	820	< 5.34	---	---	67.4	---	242	---	1280	---	0.0038	< 0.119	---
	30-Aug-2016	1	---	185	---	0.00157 #1	---	5640	---	964	---	1060	---	< 0.192	---	0.494	---	---	---	---	---	---	45.9	< 0.0692	2010	< 3.59	---	---	167	---	590	---	3480	---	0.0107	< 0.124	---
(Duplicate)	30-Aug-2016	1	---	187	---	0.0015	---	5920	---	967	---	1090	---	2.11	---	0.521	---	---	---	---	---	---	47.4	< 0.0555	2030	< 4.33	---	---	172	---	632	---	3520	---	0.0109	< 0.278	---
	30-Sep-2021	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	269	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	30-Sep-2021	1	---	14.7	---	< 0.00089	---	269	---	50.0	---	---	1.50	< 0.73	71.9	< 0.18	---	---	---	---	---	---	3.04	< 0.12	---	< 0.40	24.4	---	---	8.57	---	---	---	---	0.00110	< 0.46	---
	15-Aug-2024	1	---	22.3	---	< 0.00044	---	576	---	104	---	---	6.64	1.18	151	< 0.29	---	---	---	---	---	---	5.57	< 0.29	215	< 0.37	52.2	---	---	12.4	---	---	---	---	0.00229	< 0.23	---
Brook Trout 6+	14-Sep-2023	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	381	---	---	---	116	---	---	---	---	---	---	---	---	---	---	---	---	---
	14-Sep-2023	3	---	14.9	---	< 0.00067	---	381	---	51.1	---	---	4.00	< 0.62	67.0	< 0.20	---	---	---	---	---	---	3.19	< 0.16	116	< 0.71	31.2	---	---	12.1	---	---	---	---	0.00150	< 0.39	---
Brook Trout 11+	01-Sep-2007	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	2	120	---	< 1.7	---	1100	---	23	160	---	< 2.1	---	< 2.0	160	< 1.5	88	< 2.1	300	< 1.7	---	< 1.7	8.0	< 2.2	320	< 1.4	---	120	---	---	---	---	460	25	---	< 1.5	< 1.6
Brook Trout 12+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	71	---	< 1.6	---	660	---	18	87	---	< 1.9	---	< 1.9	88	< 1.4	57	< 2.0	200	< 1.6	---	< 1.6	3.5	< 2.1	240	< 1.3	---	82	---	---	---	---	270	15	---	< 1.4	< 1.4
Brook Trout Unknown	23-Jul-2008	2	72	---	< 0.80	---	240	---	38	51	---	< 1.0	---	1.0	100	1.6	58	< 1.0	150	3.2	---	2.6	3.9	< 1.0	350	< 0.60	---	35	---	---	---	---	240	8.3	---	< 0.60	1.4
(Replicate A)	23-Jul-2008	2	37	---	< 1.0	---	340	---	52	67	---	< 1.2	---	< 1.2	77	< 1.0	33	< 1.2	110	2.5	---	2.5	3.2	< 2.1	48	< 0.80	---	22	---	---	---	---	160	5.0	---	< 0.70	1.3
(Replicate B)	23-Jul-2008	2	37	---	< 0.70	---	240	---	17	35	---	< 0.90	---	< 0.90	64	< 0.70	28	< 0.90	92	1.2	---	1.2	2.2	< 1.0	69	< 0.60	---	26	---	---	---	---	140	5.2	---	< 0.60	0.75
(Replicate C)	23-Jul-2008	2	32	---	< 0.70	---	180	---	27	38	---	< 0.90	---	< 0.80	73	1.9	30	< 0.90	100	2.2	---	1.7	3.6	< 1.0	40	< 0.50	---	20	---	---	---	---	120	4.7	---	< 0.50	1.1
Brook Trout (Stomach) 1+	01-Sep-2012	3	413 #1	---	< 4.0	---	123	---	15.4	19.9 #1	---	< 5.0	---	< 5.0	48.8 #1	< 7.0	24.3	< 6.0	49.7	< 5.0	---	< 5.0	< 8.0	< 9.0	32.5	< 3.0	---	10.5	---	---	---	---	64.3 #1	< 3.0	---	< 3.0	< 4.0
Brook Trout (Stomach) 2+	01-Sep-2012	3	8.76	---	< 0.40	---	26.5	---	< 0.60	3.78	---	< 0.50	---	< 0.50	8.81	< 0.60	3.39	< 0.50	6.62	< 0.40	---	< 0.40	< 0.70	< 0.90	6.34	< 0.30	---	2.20 #1	---	---	---	---	12.4	< 0.30	---	< 0.30	< 0.30
Brook Trout (Stomach) 3+	01-Sep-2012	5	8460	---	< 1.0	---	38600	---	1170	6330	---	< 1.0	---	21.0	9590	19.8	5270	23.7	9910	35.3	---	156	161	< 3.0	11300	< 0.90	---	3150	---	---	---	---	20500	731	---	< 0.90	< 1.0

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 87 (ng/kg)	PCB 88/91 (ng/kg)	PCB 88/121 (ng/kg)	PCB 89 (ug/kg)	PCB 90/101 (ng/kg)	PCB 90/101/113 (ng/kg)	PCB 91 (ng/kg)	PCB 92 (ng/kg)	PCB 93 (ng/kg)	PCB 93/95/98/100/102 (ng/kg)	PCB 93/98/100/102 (ng/kg)	PCB 94 (ng/kg)	PCB 95 (ng/kg)	PCB 96 (ng/kg)	PCB 97 (ng/kg)	PCB 98 (ng/kg)	PCB 99 (ng/kg)	PCB 100 (ng/kg)	PCB 101 (ng/kg)	PCB 102 (ng/kg)	PCB 103 (ng/kg)	PCB 104 (ng/kg)	PCB 105 (ng/kg)	PCB 106 (ng/kg)	PCB 107 (ng/kg)	PCB 107/109/123 (ng/kg)	PCB 107/124 (ng/kg)	PCB 108/124 (ng/kg)	PCB 109 (ng/kg)	PCB 110 (ng/kg)	PCB 110/115 (ng/kg)	PCB 111/117 (ng/kg)	PCB 111 (ug/kg)	PCB 112 (ng/kg)	PCB 113 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - Continued																																						
(Re-analysis)	01-Sep-2012	5	19200	---	< 6.0	---	60000	---	2960	10100	---	34.5	---	39.5	23000	49	11000	38.9	16400	42.3	---	259	198	< 20	26500	< 4.0	---	6230	---	---	---	---	50400	1470	---	< 4.0	69.9
Certified Reference Materials																																						
CRM 918-050	23-Jul-2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
WMF-01-CRM	04-Oct-2006	---	18000	---	< 0.50	---	120000	---	10000	37000	---	130	---	130	19000	29	23000	< 0.60	58000	310	---	330	280	2.0	53000	< 0.50	---	23000	---	---	---	---	73000	< 0.50	---	< 0.30	< 0.40
	11-Sep-2007	---	23000	---	240	---	160000	---	14000	37000	---	< 16	---	160	22000	39	26000	57	76000	360	---	440	310	< 21	46000	< 10	---	19000	---	---	---	---	78000	5500	---	7200	760
	23-Jul-2008	---	22000	---	110	---	110000	---	9500	25000	---	< 8.5	---	170	21000	52	23000	61	69000	360	---	420	390	< 9.8	47000	< 5.3	---	19000	---	---	---	---	79000	4600	---	< 5.2	330
	11-Aug-2009	---	29800	---	100	---	151000	---	13400	39400	---	< 370	---	< 210	30200	< 150	29900	< 230	89100	470	---	530	450	< 170	41900	< 72	---	19400	---	---	---	---	111000	5610	---	< 67	316
	11-Aug-2010	---	32500	---	< 16	---	107000	---	11000	32200	---	< 19	---	197	31200	86	37000	< 20	83100	454	---	646	664	< 19	48400	< 11	---	21500	---	---	---	---	100000	6130	---	< 12	397
	01-Sep-2011	---	34200	---	< 20	---	125000	---	12500	35400	---	270	---	266	36000	81	37900	< 20	93300	585	---	663	550	< 30	49200	< 20	---	21200	---	---	---	---	105000	7240	---	< 10	537
	01-Sep-2012	---	25200	---	95	---	146000	---	13900	42200	---	165	---	166	22000	45	28100	74	63900	376	---	443	355	< 30	43000	< 8.0	---	19800	---	---	---	---	64100	5130	---	< 7.0	319
NIST SRM 1946	11-Oct-2013	---	---	---	---	---	---	38500	---	---	---	12600	---	---	---	---	---	---	---	---	---	---	---	---	21000	---	---	---	2270	---	---	---	26700	---	---	---	---
	31-Aug-2016	---	---	---	---	---	---	32500	---	---	---	11800	---	---	---	---	---	---	---	---	---	---	---	---	19800	---	---	---	2090	---	---	---	24700	---	---	---	---
	03-Nov-2018	---	---	---	---	---	---	34300	---	---	---	10500	---	---	---	---	---	---	---	---	---	---	---	---	18600	---	---	---	2170	---	---	---	23500	---	---	---	---
EDF-2524	15-Oct-2014	----	---	---	---	---	---	1010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	224	---	---	---	---	---	---	---	727	---	---	---	---
CRM EDF2524	23-Sep-2015	---	---	---	---	---	---	1090	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	278	---	---	---	---	---	---	---	785	---	---	---	---
CRM EDF-5462	13-Oct-2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	874	---	---	---	766	---	---	---	---	---	---	---	---	---	---	---	---
	13-Oct-2022	---	---	35.5	---	< 0.0046	---	874	---	112	---	---	< 3.6	< 3.8	241	< 1.8	---	---	---	---	---	< 3.7	38.2	---	< 3.3	121	---	---	---	29.4	---	---	---	---	0.0392	< 2.4	---
	15-Nov-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	832	---	---	---	823	---	---	---	---	---	---	---	---	---	---	---	---	---
	15-Nov-2023	---	---	22.0	---	< 0.0063	---	832	---	114	---	---	< 5.1	< 5.9	165	< 2.4	---	---	---	---	---	---	---	< 5.2	35.1	823	< 5.7	118	---	---	29.3	---	---	---	---	0.0420	< 3.7	---
	29-Oct-2024	---	---	602	---	0.0560	---	3990	---	909	---	---	188	26.0	2640	29.0	---	---	---	---	---	---	---	49.2	< 1.9	1560	< 3.4	268	---	---	114	---	---	---	---	< 0.0025	< 2.3	---

NOTES:

< X
X

1. --- in guideline row(s) denotes no criteria for that parameter.
2. --- in detail data row(s) denotes parameter not analyzed.
3. Highlighting indicates parameters above applied guideline/criteria.
4. Highlighting indicates parameters above applied guideline/criteria.
5. Highlighting indicates non-detect parameters above applied guideline/criteria.
6. Highlighting indicates parameters at applied guideline/criteria.
7. Denotes values exceeding
   (Canadian Food Inspection Agency (CFIA), 2009. Fish Product Standards and Methods Manual. Appendix 3: Canadian Guidelines for Chemical Contaminants and Toxins in Fish and Fish Products.)
8. Superscript [#1] - EMPC
9. Superscript [#2] - RRR
10. Superscript [#3] - lock mass intereference (lab qualifier originally G)
11. Superscript [#4] - Labeled recoveries above method limits. Data is calculated by isotope dilution. Minimal impact to data quality.
12. Superscript [#5] - The recoveries of certain surrogates are outside method criteria. Native results, calculated via isotope dilution, are not expected to be biased.

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 114 (ng/kg)	PCB 115 (ng/kg)	PCB 116 (ng/kg)	PCB 118 (ng/kg)	PCB 120 (ng/kg)	PCB 121 (ng/kg)	PCB 122 (ng/kg)	PCB 123 (ng/kg)	PCB 124 (ng/kg)	PCB 126 (ng/kg)	PCB 127 (ng/kg)	PCB 128/162 (ng/kg)	PCB 128/166 (ng/kg)	PCB 129/138/160/163 (ng/kg)	PCB 129/138/163 (ng/kg)	PCB 129/158 (ng/kg)	PCB 130 (ng/kg)	PCB 131 (ng/kg)	PCB 131/133/142 (ng/kg)	PCB 132 (ng/kg)	PCB 133 (ng/kg)	PCB 134 (ng/kg)	PCB 134/143 (ng/kg)	PCB 135 (ng/kg)	PCB 135/151 (ng/kg)	PCB 135/151/154 (ng/kg)	PCB 136 (ng/kg)	PCB 137 (ng/kg)	PCB 137/164 (ng/kg)	PCB 138 (ng/kg)	PCB 139/140 (ng/kg)	PCB 139/143 (ng/kg)	PCB 140 (ng/kg)	PCB 141 (ng/kg)	PCB 142 (ug/kg)	PCB 144 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hatchery																																							
Brook Trout 0+	04-Oct-2006	10	< 0.10	< 0.10	< 0.10	280	11	---	< 0.10	---	4.7	< 0.10	< 0.10	< 0.10	---	---	---	27	19	---	8.1	65	---	---	7.5	---	---	55	42	7.6	---	350	---	< 0.20	< 0.10	28	---	11
	11-Sep-2007	10	3.1	< 1.1	< 1.3	130	9.9	---	2.4	---	3.7	< 1.1	< 1.0	38	---	---	---	41	27	---	11	49	---	---	7.2	---	---	42	25	10	---	270	---	3.0	2.0	32	---	9.6
	23-Jul-2008	10	1.8	0.66	< 0.60	88	6.0	---	1.5	---	2.2 [#1]	< 0.80	< 0.70	18	---	---	---	15	9.5	---	5.4	22	---	---	4.1	---	---	19	11	5.0	---	110	---	1.3	0.94	15	---	5.6
(Duplicate)	23-Jul-2008	10	1.9	< 0.50	< 0.60	98	7.0	---	1.7	---	2.4	< 0.80	< 0.70	19	---	---	---	17	9.1	---	6.9	31	---	---	5.1	---	---	21	12	6.0	---	120	---	1.5	1.2	18	---	6.2
	11-Aug-2009	10	< 6.2	< 7.6	< 8.4	123	< 12	---	< 6.4	---	< 7.5	< 6.1	< 4.1	21.6	---	---	---	11.5	< 3.5	---	< 16	19	---	---	< 17	---	---	< 13	10.9	< 6.0	---	147	---	< 16	< 13	18.8	---	< 11
	11-Aug-2010	10	2.2	< 0.90	< 1.0	122	8.4	---	< 1.1	---	3.4	< 0.80	< 0.70	25.8	---	---	---	13.0	8.1	---	7.1	30.4	---	---	6.2	---	---	9.3	6.21	4.8	---	143	---	< 1.7	< 1.6	21.1	---	2.8
	01-Sep-2011	10	< 2.0	< 2.0	< 2.0	247	23.6	---	< 2.0	---	10.3	< 2.0	< 2.0	72.7	---	---	---	39.9	33.5	---	19.1	95.9	---	---	< 5.0	---	---	53.1	29.1 [#1]	15.6 [#1]	---	408	---	< 4.0	< 3.0	43.1	---	12.3
	01-Sep-2012	10	3.9 [#1]	< 1.0	< 0.90	190	19.0 [#1]	---	< 1.0	---	6.84 [#1]	< 0.70	< 0.60	51.3	---	---	---	32.0	27.2	---	13.7	48.6	---	---	9.0	---	---	46.1	23.9	10.9	---	339	---	2.9 [#1]	3.3 [#1]	36.3	---	9.7
	01-Sep-2013	10	6.51	---	---	235	5.68	0.728	2.99	5.88	---	0.542	1.16	---	71.5	567	---	---	39.1	3.55	---	119	20.3	---	18.5	---	---	239	44.2	18.9	---	---	11.7	---	---	64.3	< 0.000331	18.3
	21-Sep-2014	12	3.5	---	---	145	3.04	0.496 [#1]	1.1	2.4	---	0.74	0.438	---	48.7	356	---	---	22.2	1.8	---	63.7	11.4	---	11.8	---	---	126	24.8	12.5	---	---	7.11	---	---	37.4	< 0.000613	10.3
	22-Sep-2015	11	6.22	---	---	280	6.46	0.902	2.51	5.97	---	0.669 [#1]	1.12	---	105	726	---	---	46.9	3.91	---	148	27.1	---	22.3	---	---	278	56.9	22.6	---	---	13.4	---	---	76.9	< 0.00238	20.5
	30-Aug-2016	10	2.76	---	---	148	3.32	0.542	1.2	2.41	---	0.52	0.565	---	46.7	351	---	---	21.7	2.23	---	78.3	13.3	---	10.5	---	---	138	29.2	8.96	---	---	7.63	---	---	37.9	< 0.000377	10.9
	30-Aug-2018	10	1.69	---	---	82	2.08	0.445 [#1]	0.583 [#1]	1.37	---	0.332 [#1]	< 0.283	---	41.6	225	---	---	14.1	0.986 [#1]	---	38.4	8.39	---	7.52	---	---	80.1	15.9	7.04	---	---	4.3	---	---	20.9	< 0.00019	6
	06-Sep-2019	10	1.74	---	---	69.6	1.58	0.269	0.536	1.45	---	< 0.299	0.268	18.4	---	157	---	---	9.32	0.648	---	26.2	5.64	---	4.29	---	---	49.2	8.74	5	---	---	2.7	---	---	13.6	< 0.000454	3.91
	26-Aug-2020	11	1.33	---	---	74.8	1.52	0.251	0.366	1.43	---	0.331	0.38	---	19.1	168	---	---	9.97	1.06	---	30.2	6	---	5.72	---	---	60.2	11.3	4.69	---	---	2.96	---	---	15	< 0.000177	4.88
	30-Sep-2021	10	< 0.24	---	---	13.9	---	---	---	< 0.59	---	< 0.13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	33.1	---	---	---	---	---	---
	30-Sep-2021	10	---	---	---	---	0.57	< 0.19	< 0.25	---	---	---	< 0.20	---	3.46	---	33.1	---	1.58	< 0.22	---	3.00	1.11	---	0.43	---	7.77	---	1.44	---	2.05	---	0.34	---	---	2.10	< 0.00022	0.53
	13-Oct-2022	10	< 4.1	---	---	148	---	---	---	2.59	---	0.462	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	92.4	---	---	---	---	---	---
	13-Oct-2022	10	---	---	---	---	0.88	< 0.47	2.00	---	---	---	< 0.45	---	8.96	---	92.4	---	5.96	2.50	---	38.2	2.95	---	12.2	---	77.6	---	52.5	---	8.40	---	3.78	---	---	11.5	< 0.00027	10.9
	15-Aug-2024	6	3.40	---	---	180	1.74	0.40	0.99	1.80	---	0.740	< 0.24	---	31.8	---	339	---	13.0	1.50	---	40.0	5.70	---	7.94	---	66.2	---	15.2	---	18.0	---	3.28	---	---	23.9	< 0.00034	7.39
	24-Sep-2025	10	3.06	---	---	92.8	---	---	---	1.82	---	<0.25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	66.1	---	---	---	---	---	---
Chrystina Lake																																							
Brook Trout 1+	11-Aug-2009	8	10.0	< 1.3	< 1.3	460	23.1	---	< 1.4	---	9.5	2.3	< 1.1	71.3	---	---	---	87.9	42.8	---	16.3	101	---	---	21.2	---	---	56.1	33.9	25.6	---	610	---	4.2 [#1]	2.6 [#1]	133	---	22.6
	01-Sep-2011	5	11.7 [#1]	4.2	< 2.0	582	37.3	---	10.4	---	20.8	3.8	< 2.0	134 [#1]	---	---	---	132	64.1	---	38.3	239	---	---	34.7 [#1]	---	---	93.7	34.5	44.7 [#1]	---	967	---	5.6 [#1]	< 4.0	193	---	39.3
	01-Sep-2012	4	58.6	44.1	< 1.0	2200	152	---	29.0	---	71.8	9.6	< 0.80	345	---	---	---	357	148	---	81.5	384	---	---	90.5	---	---	247	139	123	---	2300	---	26.7	16.2	400	---	91.4
(Replicate A)	01-Sep-2013	1	9.93	---	---	383	3.54	0.228	3.79	6.25	---	2.83	1.31	---	74.1	611	---	---	35.5	3.82	---	112	12.7	---	18.8	---	---	187	29.7	25.9	---	---	9.98	---	---	102	< 0.00074	23.4
(Replicate B)	01-Sep-2013	1	11.9	---	---	410	3.8	0.283	4	7.61	---	2.38	1.12	---	91.1	711	---	---	40.7	3.53	---	120	15.1	---	19.5	---	---	207	30.1	30.4	---	---	10.8	---	---	113	< 0.000496	23.7
	23-Sep-2015	1	95.7	---	---	5260	70.6	5.33	37.1	66.3	---	15.9 [#1]	12.1	---	848 [#3]	7100	---	---	405	37.3	---	1090	233	---	262	---	---	2700	377	263	---	134	---	---	---	1150	< 0.00562	212
	31-Aug-2016	2	8.43	---	---	372	7.35	0.897	3.77	6.59	---	2.29	1.16	---	127	1000	---	---	63.6	4.96	---	199	35.8	---	27.7	---	---	310	50.9	31.3	---	---	20.3	---	---	114	< 0.000887	25.2
	12-Sep-2017	3	9.83	---	---	426	6.02	0.577	3.25	7.25	---	2.16	1.03 [#1]	---	101	855	---	---	47.7	3.61	---	121	20.8	---	19.6	---	---	261	40.4	36.9	---	---	13.7	---	---	122	< 0.000557	23.5
	29-Aug-2018	3	7.82	---	---	295	4.62	0.302 [#1]	4.14	5.06	---	2.71	0.919	---	118	700	---	---	44.8	3.58	---	137	17.4	---	23.3	---	---	220	34	26.7	---	---	12	---	---	106	< 0.00037	25.4
(Replicate A)	05-Sep-2019	4	8.89	---	---	347	6.48	0.687	3.24	6.86	---	1.39	1.5	96.5	---	790	---	---	48.7	3.31	---	140	24.2	---	21	---	---	226	37.8	23.8	---	---	12	---	---	93.5	< 0.000677	19.8
(Replicate B)	05-Sep-2019	4	9.38	---	---	385	7.71	0.929	3.04	6.62	---	1.5	1.58	95.9	---	832	---	---	50.3	3.47	---	145	25.3	---	22.2	---	---	268	41.9	27.1	---	---	13.8	---	---	97.4	< 0.00095	22.5
	25-Aug-2020	7	10.1	---	---	415	5.25	0.456	3.04	8.29	---	2.41	1.7	---	88.1	748	---	---	41.5	3.43	---	105	19.5	---	18	---	---	239	32.9	31.8	---	---	12.4	---	---	112	< 0.000706	25.3
	29-Sep-2021	8	35.3	---	---	1440	---	---	---	19.7	---	7.75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2210	---	---	---	---	---	---
	29-Sep-2021	8	---	---	---	---	16.6	0.90	19.0	---	---	---	3.10	---	245	---	2210	---	114	12.9	---	321	56.1	---	69.9	---	993	---	134	---	167	---	30.8	---	---	329	< 0.00054	105
	12-Oct-2022	8	14.7	---	---	675	---	---	---	< 9.3	---	4.21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1090	---	---	---	---	---	---
	12-Oct-2022	8	---	---	---	---	4.0	< 2.4	9.6	---	---	---	< 3.2	---	118	---	1090	---	50.8	< 2.2	---	106	22.6	---	23.0	---	361	---	32.8	---	83.1	---	12.0	---	---	173	< 0.0022	32.8
	13-Sep-2023	5	11.7	---	---	374	---	---	---	< 5.3	---	2.19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	569	---	---	---	---	---	---
	13-Sep-2023	5	11.7	---	---	374	4.2	< 1.3	7.4	5.3	---	2.19	< 1.4	---	68.3	---	569	---	25.0	2.2	---	71.7	12.0	---	10.0	---	133	---	17.3	---	37.0	---	6.5	---	---	92.2	< 0.0013	16.2
	14-Aug-2024	5	8.24	---	---	368	3.29	< 0.26	3.20	5.39	---	2.44	0.75	---	70.7	---	670	---	29.2	2.03	---	64.3	11.4	---	10.8	---	151	---	20.0	---	40.0	---	6.40	---	---	81.5	< 0.00031	17.1
	24-Sep-2025	4	14.1	---	---	375	---	---	---	<4.7	---	2.61	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	551	---	---	---	---	---	---
Brook Trout 2+	11-Aug-2009	3	43.4	< 1.6	< 1.5	2710	62.3	---	35.0	---	41.7	10.0	2.9 [#1]	291	---	---	---	412	200	---	113	379	---	---	86.8 [#1]	---	---	215	94.1	117	---	2900	---	19.0	20.5	554	---	89.8
	11-Aug-2010	5	90.5	6.4	< 1.7	4160	114	---	49.6	---	105	15.3	< 1.2	664	---	---	---	650	207	---	114	651	---	---	134	---	---	202	86.9	194	---	4780	---	66.3	23.7	1200	---	119
	12-Aug-2010	3	170	< 2.2	< 2.1	8700	264	---	103	---	207	24.2	8.3	1150	---	---	---	1700	677	---	279	1220	---	---	349	---	---	709	360	436	---	10300	---	111	70.2	2820	---	374
	01-Sep-2011	4	379	191	< 5.0	21700	627	---	219	---	579	62.6	< 5.0	3570	---	---	---	3930	1740	---	1110	6610	---	---	1300	---	---	3070	1360	1340	---	28200	---	407	291	6330	---	1320
(Replicate)	01-Sep-2011	4	567	---	---	30400	---	---	---	---	---	85.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate A)	01-Sep-2011	4	702	---	---	35900	---	---	---	---	---	88.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate B)	01-Sep-2011	4	1090	---	---	56600	---	---	---	---	---	143	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate C)	01-Sep-2011	4	575	---	---	31100	---	---	---	---	---	82.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate D)	01-Sep-2011	4	1000	---	---	52900	---	---	---	---	---	141	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 114 (ng/kg)	PCB 115 (ng/kg)	PCB 116 (ng/kg)	PCB 118 (ng/kg)	PCB 120 (ng/kg)	PCB 121 (ng/kg)	PCB 122 (ng/kg)	PCB 123 (ng/kg)	PCB 124 (ng/kg)	PCB 126 (ng/kg)	PCB 127 (ng/kg)	PCB 128/162 (ng/kg)	PCB 128/166 (ng/kg)	PCB 129/138/160/163 (ng/kg)	PCB 129/138/163 (ng/kg)	PCB 129/158 (ng/kg)	PCB 130 (ng/kg)	PCB 131 (ng/kg)	PCB 131/133/142 (ng/kg)	PCB 132 (ng/kg)	PCB 133 (ng/kg)	PCB 134 (ng/kg)	PCB 134/143 (ng/kg)	PCB 135 (ng/kg)	PCB 135/151 (ng/kg)	PCB 135/151/154 (ng/kg)	PCB 136 (ng/kg)	PCB 137 (ng/kg)	PCB 137/164 (ng/kg)	PCB 138 (ng/kg)	PCB 139/140 (ng/kg)	PCB 139/143 (ng/kg)	PCB 140 (ng/kg)	PCB 141 (ng/kg)	PCB 142 (ug/kg)	PCB 144 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																																						
(Duplicate)	01-Sep-2011	4	528	329	< 6.0	28000	1040	---	278	---	778	76.4	< 4.0	3980	---	---	---	5520	2270	---	1120	6440	---	---	1400	---	---	4080	2030	1810	---	34100	---	522	343	8420	---	1680
	01-Sep-2012	4	46.5	25.2	< 1.0	1820	74.0	---	22.4	---	50.3	6.73	2.42	287	---	---	---	323	94.8	---	61.6	238	---	---	62.3	---	---	176	75.5	102	---	2130	---	18.9	15.2 [#1]	396	---	74.8
	01-Sep-2013	4	78	---	---	2990	14.7	0.452	19.6	43.2	---	10.9	6.46	---	515	4140	---	---	218	18.7	---	609	67.3	---	109	---	---	1010	127	198	---	---	63.4	---	---	698	< 0.00124	131
	22-Sep-2014	4	73.2	---	---	2950	13	0.221 [#1]	15	53.5	---	12.6	5.87	---	591	4260	---	---	208	16.7	---	515	68.6	---	108	---	---	952	< 0.0579	175	---	---	60.6	---	---	702	< 0.0018	122
(Replicate A)	22-Sep-2014	1	26.2	---	---	925	4.55	0.153 [#1]	7.85	16.3	---	4.8	2.03	---	214	1510	---	---	75.4	8.27	---	218	22.8	---	40.5	---	---	353	50.5	66.6	---	---	22.5	---	---	260	< 0.000508	49.6
(Replicate B)	22-Sep-2014	1	28.9	---	---	1040	6.45	0.257 [#1]	8.17	21.1	---	5.55	2.22	---	242	1710	---	---	87.1	8.48	---	216	26.8	---	39.4	---	---	391	50.4	68.3	---	---	24.1	---	---	300	< 0.000729	54.9
	23-Sep-2015	4	100	---	---	3780	20.2	1.06	28.1	55.3	---	14.2 [#1]	8.33	---	773	5880	---	---	272	29.5	---	704	88.9	---	159	---	---	1510	222	279	---	---	85.4	---	---	1040	< 0.00229	175
	31-Aug-2016	2	106	---	---	3840	15.9	0.738	17.5	52.7	---	19.7	10.5	---	847	5730	---	---	322	17.9	---	528	107	---	108	---	---	1020	129	326	---	---	61.2	---	---	631	< 0.0031	134
	12-Sep-2017	3	30.5	---	---	1230	9.84	0.753 [#1]	7.06	17.5	---	5.28	2.43	---	234	2050	---	---	102	6.36	---	219	42.3	---	40.3	---	---	521	57.2	94.2	---	---	29.4	---	---	324	< 0.00167	58.8
(Replicate A)	12-Sep-2017	1	22.7	---	---	919	7.37	0.52 [#1]	5.55	13.5	---	4.16	1.99	---	202	1690	---	---	86.1	4.82	---	172	34.9	---	30.4	---	---	393	40.8	73.5	---	---	24.7	---	---	255	< 0.000367	44.6
	29-Aug-2018	3	39.9	---	---	1550	12.8	0.957 [#1]	9.98	25.4	---	7.54	3.52 [#1]	---	507	3240	---	---	159	9.68	---	424	67.6	---	84.3	---	---	883	96.3	141	---	---	50.6	---	---	541	< 0.000371	101
(Replicate A)	05-Sep-2019	4	23	---	---	879	9.84	0.316	7.97	17.8	---	6.04	2.82	182	---	1570	---	---	88.6	7.28	---	230	30.3	---	37.2	---	---	385	52.9	58.2	---	---	20.2	---	---	268	< 0.000761	48.4
(Replicate B)	05-Sep-2019	4	27.4	---	---	994	9.87	0.386	8.08	20.5	---	5.81	2.97	220	---	1850	---	---	94.4	6.68	---	213	32.5	---	35.2	---	---	399	49.6	68.9	---	---	23.5	---	---	294	< 0.00058	49.4
(Replicate A)	25-Aug-2020	7	26	---	---	1080	9.8	0.628	6.82 [#1]	16.8	---	6.56	< 0.546	---	200	1810	---	---	85.9	6.3	---	205	36.9	---	36.4	---	---	468	54.5	79.9	---	---	26.2	---	---	272	< 0.000931	52.4
(Replicate B)	25-Aug-2020	7	20.9	---	---	900	9.7	0.718	5.77	15.2	---	4.71	< 0.586	---	171	1490	---	---	78.8	6.49	---	200	36.2	---	37.7	---	---	463	55.6	63.3	---	---	23.6	---	---	250	< 0.000923	51.2
	29-Sep-2021	10	38.2	---	---	1480	---	---	---	20.0	---	7.44	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2540	---	---	---	---	---	---
	29-Sep-2021	10	---	---	---	---	17.7 [#4]	0.99 [#4]	16.8 [#4]	---	---	---	3.60 [#4]	---	279 [#4]	---	2540 [#4]	---	125 [#4]	7.93 [#4]	---	291 [#4]	62.9 [#4]	---	58.9 [#4]	---	966 [#4]	---	93.3 [#4]	---	178 [#4]	---	32.4 [#4]	---	---	365 [#4]	< 0.00033 [#4]	100 [#4]
	12-Oct-2022	9	70.8	---	---	2840	---	---	---	39.2	---	15.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4730	---	---	---	---	---	---
	12-Oct-2022	9	---	---	---	---	35.5	2.46	34.1	---	---	---	5.90	---	502	---	4730	---	230	13.5	---	489	138	---	116	---	1750	---	169	---	337	---	59.6	---	---	639	< 0.00088	163
	13-Sep-2023	5	< 29	---	---	961	---	---	---	16.0	---	5.14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1460	---	---	---	---	---	---
	13-Sep-2023	5	29.0	---	---	961	9.9	< 1.5	14.0	16.0	---	5.14	< 1.1	---	172	---	1460	---	62.5	3.7	---	146	32.8	---	16.8	---	278	---	22.1	---	91.8	---	17.2	---	---	222	< 0.0018	33.8
	14-Aug-2024	5	19.7	---	---	882	7.21	0.65	7.30	14.0	---	5.30	1.50	---	165	---	1530	---	65.4	5.42	---	163	25.3	---	31.3	---	391	---	48.1	---	95.2	---	14.6	---	---	215	< 0.00044	48.9
(Replicate A)	24-Sep-2025	3	26.0	---	---	759	---	---	---	<11	---	4.28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1080	---	---	---	---	---	---
(Replicate B)	24-Sep-2025	3	69.2	---	---	2080	---	---	---	31.3	---	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2930	---	---	---	---	---	---
Brook Trout 3+	04-Oct-2006	3	< 0.10	< 0.10	< 0.10	2400	< 0.10	---	< 0.10	---	< 0.10	< 0.10	< 0.10	< 0.10	---	---	---	540	170	---	< 0.10	240	---	---	< 0.10	---	---	270	130	45	---	2300	---	1.1	< 0.10	350	---	56
	11-Aug-2010	5	69.9	10.6	< 1.6	3280	74.3	---	40.7	---	78.8	10.5	< 1.1	490	---	---	---	525	187	---	94.7	426	---	---	93.4	---	---	139	55.0	155	---	3800	---	42.2	17.6	891	---	86.6
(Duplicate)	11-Aug-2010	5	68.1	5.6	< 1.7	3070	74.7	---	< 1.8	---	78.6	8.4 [#1]	< 1.1	482	---	---	---	515	180	---	96.4	379	---	---	91.8	---	---	130	51.1	152	---	3730	---	48.2	20.0	942	---	81.5
(Replicate A)	12-Aug-2010	4	97.1	< 1.9	< 1.9	5060	170	---	60.1	---	123	16.4	5.6 [#1]	586	---	---	---	904	344	---	165	778	---	---	189	---	---	414	220	248	---	5720	---	54.0	27.8	1370	---	203
(Replicate A)	01-Sep-2012	1	31.1	17.5	< 0.50	1300	30.0	---	13.3	---	31.8	4.77 [#1]	1.53 [#1]	192	---	---	---	225	81.1	---	37.9	111	---	---	36.3	---	---	108	42.4	70.1	---	1420	---	12.9	10.6	271	---	52.7 [#1]
(Replicate B)	01-Sep-2012	1	15.7	10.2	< 0.70	690	25.2	---	7.75	---	16.6	3.51 [#1]	< 0.40	117	---	---	---	130	44.3	---	21.1	81.0	---	---	17.3	---	---	50.0	22.7	39.9	---	876	---	6.3	3.7 [#1]	146	---	26.0
(Duplicate)	01-Sep-2012	1	28.6	16.0	< 0.50	1220	26.1	---	13.9	---	28.4	5.24 [#1]	< 0.40	183	---	---	---	203	71.0	---	36.9	109	---	---	35.5	---	---	98.6	39.3	68.7	---	1370	---	12.7	9.71	258	---	49.9
(Replicate C)	01-Sep-2013	1	33	---	---	1310	14	0.518	8.34	17.3	---	6.11	3.32	---	232	2060	---	---	101	5.95	---	210	46.8	---	42.7	---	---	539	57.9	92.7	---	---	36.6	---	---	287	< 0.00166	53.5
(Replicate D)	01-Sep-2013	1	47.6	---	---	1800	12.2	0.302	9.33	30.5	---	5.66	4.08	---	314	2540	---	---	127	8.4 [#1]	---	266	45.6	---	53.1	---	---	615	55.9	122	---	---	40.8	---	---	422	< 0.000815	73.6
(Known (External Reference Material) Duplicate)	01-Sep-2013	1	44.7	19.8	< 4.0	1780	44.0	---	18.7 [#1]	---	41.0	7.2 [#1]	< 3.0	263	---	---	---	258	97.8	---	33.5 [#1]	158	---	---	34.8	---	---	88.5	39.1	87.0	---	1730	---	16.6 [#1]	10.7	248	---	56.4 [#1]
	22-Sep-2014	4	92.1	---	---	4010	35.6	0.966	15.2	56.4	---	14.2	7.06	---	813	5830	---	---	299	20.7	---	759	136	---	147	---	---	1460	136	246	---	---	101	---	---	945	< 0.00159	156
(Replicate A)	22-Sep-2014	4	36.7	---	---	1290	8.52	< 0.23	8.71	21.8	---	6.48	2.91	---	321	2350	---	---	110	7.16	---	251	37.2	---	44.7	---	---	495	55.5	103	---	---	34.6	---	---	393	< 0.000922	65.8
(Replicate B)	22-Sep-2014	1	63.6	---	---	2370	14	0.278	6.07	32.6	---	6.64	5.56	---	608	3940	---	---	197	8.78	---	412	65.7	---	74.9	---	---	734	34.6	194	---	---	66	---	---	697	< 0.0012	105
(Duplicate)	22-Sep-2014	1	85.7	---	---	3780	34.6	0.839	14.6	49.3	---	10.7	7.67	---	736	5520	---	---	284	21.1	---	785	133	---	150	---	---	1540	144	218	---	---	99.4	---	---	946	< 0.00289	170
	23-Sep-2015	3	153	---	---	5890	30.6	1.49 [#1]	42.9	82.2	---	22 [#1]	16.5	---	1160	8220	---	---	433	55.7	---	1210	142	---	287	---	---	2610	342	397	---	---	146	---	---	1670	< 0.00518	319
	31-Aug-2016	2	171	---	---	6630	31.6	0.772	45.4	110	---	25.9	15.6	---	1340	10100	---	---	497	41.1	---	1390	167	---	255	---	---	2680	305	411	---	---	160	---	---	1640	< 0.00458	340
(Replicate A)	31-Aug-2016	2	115	---	---	4890	30.9	1.53	24.3	63.6	---	18.9	10.3	---	879	7660	---	---	384	35.5	---	1110	157	---	194	---	---	1980	177	312	---	---	129	---	---	1240	< 0.00409	226
(Duplicate)	31-Aug-2016	1	168	---	---	6310	30.6	0.881	44.2	105	---	24.1	14.6	---	1180	9640	---	---	493	38.7	---	1340	159	---	277	---	---	2620	306	409	---	---	155	---	---	1580	< 0.00479	338
	12-Sep-2017	3	43.6	---	---	1870	11.9	0.598 [#1]	9.06	27.8	---	8.13	3.43	---	337	2600	---	---	128	10.4	---	283	50.4	---	58.7	---	---	665	77.5	123	---	---	35.9	---	---	419	< 0.000392	79
	29-Aug-2018	3	43.1	---	---	1820	15	1.09 [#1]	12.8	27.4	---	10.4	4.05	---	461	3410	---	---	141	9.52	---	333	66.1	---	69	---	---	762	72.7	126	---	---	43.4	---	---	489	< 0.000468	89.8
(Duplicate)	29-Aug-2018	3	42.3	---	---	1580	10.9	1	12.2 [#1]	25.8	---	7.17	3.5	---	469	3230	---	---	127	8.87	---	312	61.4	---	55.6	---	---	668	74.1	110	---	---	37.7	---	---	471	< 0.000339	74
(Lab Replicate)	29-Aug-2018	3	40.5	---	---	1620	11.7	0.933 [#1]	11.8	25.5	---	7.74	4.26 [#1]	---	418	3140	---	---	132	8.48	---	309	59.6	---	61.3	---	---	690	73.7	108	---	---	39.4	---	---	458	< 0.000575	75.3
	05-Sep-2019	4	43.7	---	---	1670	13.9	0.57	11.3	31.8	---	7.46	3.79	327	---	2890	---	---	136	7.99	---	316	49.3	---	53.9	---	---	604	68.3	105	---	---	34.3	---	---	441	< 0.00074	71.7
	29-Sep-2021	3	28.6	---	---	1120	---	---	---	15.0	---	5.75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1760	---	---	---	---	---	---
	29-Sep-2021	3	---	---	---	---	12.5	< 0.66	16.4	---	---	---	2.40	---	194	---	1760	---	86.1	6.32	---	219	43.4	---	45.7	---	724	---	78.6	---	132	---	22.5	---	---	264	< 0.00064	79.4
(Duplicate)	29-Sep-2021	3	76.5	---	---	2760	---	---	---	54.1	---	14.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4440	---	---	---	---	---	---
(Duplicate)	29-Sep-2021	3	---	---	---	---	29.3	< 1.2	43.1	---	---	---	7.1	---	485	---	4440	---	214	14.4	---	530	99.2	---	111	---	1600	---	167	---	318	---	54.9	---	---	661	< 0.0014	177

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 114 (ng/kg)	PCB 115 (ng/kg)	PCB 116 (ng/kg)	PCB 118 (ng/kg)	PCB 120 (ng/kg)	PCB 121 (ng/kg)	PCB 122 (ng/kg)	PCB 123 (ng/kg)	PCB 124 (ng/kg)	PCB 126 (ng/kg)	PCB 127 (ng/kg)	PCB 128/162 (ng/kg)	PCB 128/166 (ng/kg)	PCB 129/138/160/163 (ng/kg)	PCB 129/138/163 (ng/kg)	PCB 129/158 (ng/kg)	PCB 130 (ng/kg)	PCB 131 (ng/kg)	PCB 131/133/142 (ng/kg)	PCB 132 (ng/kg)	PCB 133 (ng/kg)	PCB 134 (ng/kg)	PCB 134/143 (ng/kg)	PCB 135 (ng/kg)	PCB 135/151 (ng/kg)	PCB 135/151/154 (ng/kg)	PCB 136 (ng/kg)	PCB 137 (ng/kg)	PCB 137/164 (ng/kg)	PCB 138 (ng/kg)	PCB 139/140 (ng/kg)	PCB 139/143 (ng/kg)	PCB 140 (ng/kg)	PCB 141 (ng/kg)	PCB 142 (ug/kg)	PCB 144 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																																						
	12-Oct-2022	3	69.0	---	---	2410	---	---	---	37.1	---	9.30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4430	---	---	---	---	---	---
	12-Oct-2022	3	---	---	---	---	28.0	< 2.7	< 2.9	---	---	---	< 2.3	---	477	---	4430	---	223	11.5	---	476	120	---	105	---	1530	---	108	---	308	---	63.0	---	---	719	< 0.0023	153
	13-Sep-2023	5	45.4	---	---	1870	---	---	---	29.3	---	9.36	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2500	---	---	---	---	---	---
	13-Sep-2023	5	45.4	---	---	1870	25.6	1.63	11.0	29.3	---	9.36	< 0.49	---	337	---	2500	---	112	7.2	---	336	70.3	---	56.9	---	638	---	58.6	---	192	---	34.6	---	---	411	< 0.0013	76.8
	14-Aug-2024	3	22.9	---	---	1080	9.77	< 0.56	8.09	15.1	---	7.97	1.70	---	195	---	1760	---	75.5	5.14	---	176	31.9	---	34.0	---	431	---	48.1	---	109	---	16.6	---	---	235	< 0.00055	52.7
(Duplicate)	14-Aug-2024	3	30.2	---	---	1410	13.7	< 0.30	10.6	20.4	---	13.1	2.23	---	250	---	2430	---	103	6.10	---	236	44.3	---	45.2	---	549	---	58.5	---	148	---	21.6	---	---	320	< 0.00052	68.7
(Replicate A)	24-Sep-2025	3	61.7	---	---	1970	---	---	---	<23	---	12.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2470	---	---	---	---	---	---
(Duplicate)	24-Sep-2025	3	120	---	---	3500	---	---	---	54.5	---	23.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4360	---	---	---	---	---	---
(Replicate B)	24-Sep-2025	3	23.9	---	---	710	---	---	---	11.7	---	5.05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1090	---	---	---	---	---	---
(Replicate B)	24-Sep-2025	3	20.5	---	---	989	10.9	0.419	7.78	12.3	---	7.35	2.76	---	223	---	2060	---	97.6	7.33	---	235	43	---	46.8	---	379	---	47.2	---	144	---	24.4	---	---	291	<0.57	51.7
Brook Trout 4+	04-Oct-2006	7	190	< 0.20	< 0.20	8700	320	---	110	---	170	25	< 0.10	< 0.20	---	---	---	1600	690	---	280	1900	---	---	380	---	---	1300	670	500	---	12000	---	94	67	2100	---	570
	01-Sep-2011	2	158	62.1	< 4.0	9080	327	---	96.4	---	258	26.7 [#1]	< 4.0	1520 [#3]	---	---	---	1720	693	---	451	2430	---	---	497	---	---	1270	636	566	---	11500	---	163	103	2470	---	563
	01-Sep-2013	2	186	---	---	8690	74.9	1.52	51.1	124	---	30.5	13.8	---	1270	12100	---	---	603	51	---	1860	258	---	353	---	---	4120	484	455	---	---	204	---	---	2090	< 0.00289	426
	22-Sep-2014	1	277	---	---	11200	57.4	1.23	62.6	179	---	43.8	16.7 [#1]	---	2110	16400	---	---	771	66.8	---	2350	270	---	453	---	---	4070	561	682	---	---	234	---	---	2890	< 0.00355	524
(Replicate A)	23-Sep-2015	1	68.1	---	---	2630	19.4	0.747	16.1	35.4	---	12 [#1]	6.97	---	640	4540	---	---	222	18.6	---	631	76.7	---	103	---	---	1080	154	179	---	---	72.0	---	---	792	< 0.00262	147
(Replicate B)	23-Sep-2015	1	102	---	---	3920	28.7	0.705	17	48.9	---	18.2 [#1]	10.9	---	863	6320	---	---	322	21.5	---	829	112	---	152	---	---	1560	162	270	---	---	112	---	---	1120	< 0.00549	201
	12-Sep-2017	1	72.3	---	---	3170	16.3	0.793	12.5	42.6	---	14.6	5.51 [#1]	---	547	4540	---	---	215	10.2	---	421	85.4	---	82.8	---	---	1030	114	224	---	---	57.7	---	---	753	< 0.000726	128
(Replicate A)	29-Aug-2018	1	110	---	---	4330	21	1.55	25.8	72.5	---	18.7	8.32	---	966	7330	---	---	310	27.1	---	844	104	---	175	---	---	1660	164	276	---	---	83.3	---	---	1120	< 0.000535	202
(Replicate B)	29-Aug-2018	1	67.2	---	---	2420	12.3	0.492 [#1]	8.1	38.5	---	8.32	5.29	---	724	4320	---	---	182	9.37	---	285	65.4	---	67.5	---	---	772	59.2	197	---	---	56.8	---	---	637	< 0.00158	108
(Replicate C)	29-Aug-2018	1	58	---	---	2120	12.6	0.412 [#1]	18.4	34.3	---	11.2	5.96	---	590	4180	---	---	187	12.4	---	377	69.7	---	77.4	---	---	816	74.1	188	---	---	54.7	---	---	671	< 0.000361	118
	25-Aug-2020	1	20.7	---	---	812	6.14	0.191	4.17	14.7	---	3.67	3.27	---	181	1370	---	---	62.3	3.75 [#1]	---	134	22.7	---	23.6	---	---	286	31.5	59.3	---	---	18.8	---	---	217	< 0.00101	41.1
	29-Sep-2021	1	41.1	---	---	1530	---	---	---	24.5	---	7.72	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2730	---	---	---	---	---	---
	29-Sep-2021	1	---	---	---	---	16.9	0.37	20.8	---	---	---	4.03	---	303	---	2730	---	132	10.2	---	346	62.0	---	66.6	---	913	---	104	---	198	---	33.8	---	---	394	< 0.00066	96.2
	24-Sep-2025	1	25.0	---	---	837	---	---	---	<17	---	<5.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1360	---	---	---	---	---	---
	24-Sep-2025	1	18.3	---	---	725	9.38	0.292	4.68	11.4	---	<5.2	1.99	---	203	---	2310	---	76.6	4.31	---	125	33.7	---	26.6	---	465	---	25.7	---	57.4	---	21.9	---	---	260	<0.47	37
Brook Trout 5+	04-Oct-2006	5	94	54	< 0.20	5100	130	---	50	---	93	15	< 0.10	< 0.20	---	---	---	910	370	---	150	1100	---	---	190	---	---	810	390	220	---	5400	---	< 0.30	29	1100	---	310
	01-Sep-2007	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	2	73	< 1.6	< 1.9	3200	60	---	53	---	62	14	6.0	490	---	---	---	920	350	---	130	540	---	---	94	---	---	480	140	180	---	4300	---	42	30	820	---	180
	12-Aug-2010	1	38.6	< 1.7	< 1.7	1710	43.6	---	21.8	---	44.5	6.2	1.9 [#1]	309	---	---	---	406	160	---	58.4	198	---	---	52.4	---	---	121	63.7	111	---	2830	---	23.8	10.5 [#1]	510	---	87.1
	01-Sep-2013	1	397	---	---	18700	135	2	87.6	221	---	63.5	41.8	---	2890	28500	---	---	1310	78.1	---	3810	497	---	691	---	---	8510	888	980	---	---	417	---	---	5040	< 0.00871	933
(Known (External Reference Material) Duplicate)	01-Sep-2013	1	427	302	< 6.0	22700	438	---	239	---	467	78.9	< 5.0	2730	---	---	---	3080	1280	---	495	2840	---	---	548	---	---	1800	711	913	---	21500	---	165	124	3460	---	842
	23-Sep-2015	1	116	---	---	4440	24	0.946	29.4	64.3	---	17.2 [#1]	10.9	---	980	7050	---	---	341	33.2	---	910	112	---	167	---	---	1630	232	311	---	---	97.0	---	---	1260	< 0.00436	229
	30-Aug-2016	1	114	---	---	4090	22.9	0.883	12.6	53.7	---	14.4	9.16	---	834	6620	---	---	316	19.8	---	878	122	---	136	---	---	1540	116	294	---	---	113	---	---	1210	< 0.00254	197
	12-Sep-2017	1	236	---	---	10400	80.9	2.28	35.3	155	---	67.5	18	---	1960	14800	---	---	824	29.9	---	1190	282	---	293	---	---	3050	239	783	---	---	203	---	---	1960	< 0.00114	355
(Re-analysis)	12-Sep-2017	1	167	---	---	7220	47.3	1.48 [#1]	34.2	125	---	48.6	12	---	1360	10200	---	---	546	19.3	---	794	185	---	188	---	---	1980	168	416	---	---	129	---	---	1470	< 0.0083	224
	29-Sep-2021	1	43.3	---	---	1430	---	---	---	< 27	---	8.09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2510	---	---	---	---	---	---
	29-Sep-2021	1	---	---	---	---	12.0 [#4]	< 2.0 [#4]	21.0 [#4]	---	---	---	< 2.7 [#4]	---	295 [#4]	---	2510 [#4]	---	120 [#4]	7.1 [#4]	---	268 [#4]	46.6 [#4]	---	54.0 [#4]	---	745 [#4]	---	73.4 [#4]	---	177 [#4]	---	28.4 [#4]	---	---	389 [#4]	< 0.0016 [#4]	98.0 [#4]
Brook Trout 6+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	93	< 2.2	< 2.6	3500	57	---	55	---	68	14	< 1.9	580	---	---	---	1200	400	---	120	620	---	---	110	---	---	430	110	230	---	5200	---	63	45	1200	---	230
Brook Trout 7+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Duplicate)	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	24	< 1.3	< 1.6	960	34	---	14	---	23	5.9	< 1.2	150	---	---	---	240	96	---	29	170	---	---	30	---	---	130	54	45	---	1200	---	13	7.6	240	---	49
(Duplicate)	11-Sep-2007	3	21	< 1.8	< 2.1	840	28	---	10	---	21	3.6	< 1.5	140	---	---	---	240	78	---	26	150	---	---	26	---	---	120	48	42	---	990	---	12	6.3	230	---	47
Brook Trout 11+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	89	< 1.7	< 2.0	3600	57	---	56	---	80	21	8.3	570	---	---	---	1100	380	---	110	600	---	---	100	---	---	540	150	230	---	4800	---	57	41	1100	---	240
Brook Trout 12+	01-Sep-2007	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	2	120	< 2.1	< 2.4	4900	98	---	78	---	100	19	11	760	---	---	---	1500	500	---	200	800	---	---	170	---	---	700	240	280	---	6400	---	84	54	1600	---	300
Brook Trout Unknown	23-Jul-2008	3	10	< 0.80	< 0.90	450	20	---	7.0	---	11	2.4	< 1.0	71	---	---	---	92	38	---	20	89	---	---	18	---	---	69	32	24	---	500	---	6.4	5.4	110	---	24
(Replicate)	23-Jul-2008	3	3.0	< 0.60	< 0.70	140	9.6	---	2.5	---	4.1	< 1.0	< 0.80	32	---	---	---	32	17	---	9.6	49	---	---	7.4	---	---	39	20	9.3	---	190	---	2.3	1.9	31	---	9.6

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 114 (ng/kg)	PCB 115 (ng/kg)	PCB 116 (ng/kg)	PCB 118 (ng/kg)	PCB 120 (ng/kg)	PCB 121 (ng/kg)	PCB 122 (ng/kg)	PCB 123 (ng/kg)	PCB 124 (ng/kg)	PCB 126 (ng/kg)	PCB 127 (ng/kg)	PCB 128/162 (ng/kg)	PCB 128/166 (ng/kg)	PCB 129/138/160/163 (ng/kg)	PCB 129/138/163 (ng/kg)	PCB 129/158 (ng/kg)	PCB 130 (ng/kg)	PCB 131 (ng/kg)	PCB 131/133/142 (ng/kg)	PCB 132 (ng/kg)	PCB 133 (ng/kg)	PCB 134 (ng/kg)	PCB 134/143 (ng/kg)	PCB 135 (ng/kg)	PCB 135/151 (ng/kg)	PCB 135/151/154 (ng/kg)	PCB 136 (ng/kg)	PCB 137 (ng/kg)	PCB 137/164 (ng/kg)	PCB 138 (ng/kg)	PCB 139/140 (ng/kg)	PCB 139/143 (ng/kg)	PCB 140 (ng/kg)	PCB 141 (ng/kg)	PCB 142 (ug/kg)	PCB 144 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																																						
(Replicate A)	23-Jul-2008	2	13	< 0.60	< 0.70	630	24	---	9.6	---	14	3.2	< 0.80	110	---	---	---	140	61	---	33	130	---	---	25	---	---	100	39	35	---	750	---	9.7	9.3	150	---	34
(Replicate B)	23-Jul-2008	2	9.4	< 0.60	< 0.70	390	19	---	4.8	---	9.6	1.7	< 0.70	62	---	---	---	75	30	---	15	78	---	---	14	---	---	51	27	21	---	410	---	5.6	3.6	91	---	20
(Replicate C)	23-Jul-2008	2	8.5	< 0.90	< 1.0	390	19	---	6.2	---	11	1.7	< 1.0	57	---	---	---	98	36	---	14	66	---	---	9.7	---	---	67	21	18	---	450	---	3.7	1.9	110	---	29
	12-Oct-2022	1	< 53	---	---	1860	---	---	---	29.7	---	8.77	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3020	---	---	---	---	---	---
	12-Oct-2022	1	---	---	---	---	18.0	< 2.0	23.0	---	---	---	3.1	---	336	---	3020	---	147	11.5	---	397	78.9	---	75.4	---	1120	---	125	---	223	---	36.4	---	---	498	< 0.0034	112
	13-Sep-2023	1	32.5	---	---	1180	---	---	---	16.2	---	5.63	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1660	---	---	---	---	---	---
	13-Sep-2023	1	32.5 [#5]	---	---	1180 [#5]	14.0 [#5]	0.82 [#5]	8.77 [#5]	16.2 [#5]	---	5.63	< 0.56 [#5]	---	254 [#5]	---	1660 [#5]	---	78.4 [#5]	4.40 [#5]	---	203 [#5]	48.1 [#5]	---	29.0 [#5]	---	423 [#5]	---	32.3 [#5]	---	123 [#5]	---	23.3 [#5]	---	---	275 [#5]	< 0.0010 [#5]	53.2 [#5]
(Replicate)	13-Sep-2023	1	< 28	---	---	1210	---	---	---	17.9	---	5.74	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1630	---	---	---	---	---	---
(Replicate)	13-Sep-2023	1	28.0	---	---	1210	13.4	1.3	11.0	17.9	---	5.74	2.3	---	179	---	1630	---	71.8	3.6	---	167	57.1	---	22.1	---	393	---	26.5	---	109	---	15.9	---	---	246	< 0.0014	37.6
(Replicate A)	14-Aug-2024	1	24.5	---	---	1010	9.2	< 0.28	7.51	15.8	---	6.53	2.5	---	199	---	1820	---	74.5	5.06	---	157	32.1	---	26.6	---	362	---	39.3	---	108	---	16.7	---	---	233	< 0.00054	43.5
(Replicate B)	14-Aug-2024	1	46.9	---	---	2130	20.8	2.25	20.6	25.4	---	14.3	3.41	---	378	---	3350	---	156	15.4	---	469	70.6	---	99.5	---	1120	---	169	---	244	---	42	---	---	505	< 0.00058	124
(Replicate C)	14-Aug-2024	1	20.1	---	---	851	7.33	0.46	6.2	13.6	---	4.9	1.5	---	178	---	1670	---	68.5	5.74	---	185	28.1	---	28.3	---	355	---	50.9	---	97.1	---	15.3	---	---	220	< 0.00045	51.2
	24-Sep-2025	1	63.1	---	---	1840	---	---	---	<27	---	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	2550	---	---	---	---	---	---
Brook Trout (Muscle only) 3+	01-Feb-2012	1	41.7	11.6 [#1]	< 6.0	1700	124 [#1]	---	18.2	---	44.0	6.6 [#1]	< 2.0	683	---	---	---	341	149	---	25.6 [#1]	353	---	---	62.6	---	---	167	108	131 [#1]	---	3640	---	16.5 [#1]	< 7.0	254	---	56
Brook Trout (Skin Only) 3+	01-Feb-2012	1	72.5	27.9	< 6.0	3820	236	---	34.7	---	109	11.9	< 2.0	1220	---	---	---	776	306	---	59.8	768	---	---	126	---	---	436	252	280	---	7260	---	19.5 [#1]	15.2 [#1]	589	---	172
Brook Trout (Stomach) 1+	01-Sep-2012	4	< 2.0	< 2.0	< 2.0	82.3	< 2.0	---	< 2.0	---	< 1.0	< 1.0	< 1.0	12.9	---	---	---	10.4	4.4	---	< 3.0	15.4	---	---	< 3.0	---	---	8.4	< 2.0	4.9	---	87.0	---	< 2.0	< 2.0	13.4	---	< 2.0
Brook Trout (Stomach) 2+	01-Sep-2012	4	< 4.0	< 4.0	< 3.0	241	< 5.0	---	< 3.0	---	< 3.0	< 3.0	< 3.0	20.9	---	---	---	24.9	9.0 [#1]	---	< 5.0	< 6.0	---	---	< 5.0	---	---	< 5.0	8.0 [#1]	15.8 [#1]	---	206	---	< 5.0	< 4.0	19.3	---	7.9 [#1]
Brook Trout (Stomach) 3+ (Replicate A)	01-Sep-2012	1	< 2.0	< 2.0	< 2.0	72.0	< 2.0	---	< 2.0	---	< 1.0	< 1.0	< 1.0	11.4	---	---	---	7.5	2.0 [#1]	---	< 2.0	< 3.0	---	---	< 3.0	---	---	5.1 [#1]	3.7	< 1.0	---	61.9	---	< 2.0	< 2.0	11.9	---	3.0 [#1]
(Replicate B)	01-Sep-2012	1	10.1 [#1]	< 3.0	< 3.0	356	< 4.0	---	< 3.0	---	8.5 [#1]	< 2.0	< 2.0	71.5	---	---	---	80.1	21.1	---	9.5 [#1]	61.6 [#1]	---	---	13.0 [#1]	---	---	24.9 [#1]	16.7	23.6	---	524	---	< 5.0	< 4.0	89.8	---	12.4
White Sucker 1+	01-Feb-2012	1	47.5	45.0	< 4.0	1860	131 [#1]	---	< 4.0	---	52.7 [#1]	9.3	< 2.0	863	---	---	---	372	151	---	< 6.0	309	---	---	36.3	---	---	125	90.5	194	---	5020	---	< 6.0	< 5.0	241	---	57.9
	21-Sep-2014	2	4.89	---	---	180	1.28	< 0.104	1.45 [#1]	3.53	---	0.789	0.529 [#1]	---	47.7	379	---	---	18	2.05	---	49.1	4.5	---	6	---	---	57.3	11.6	17.1	---	---	4.76	---	---	65.9	< 0.000633	12.4
White Sucker 2+	01-Feb-2012	1	4.9 [#1]	3.9	< 2.0	118	< 4.0	---	< 2.0	---	< 2.0	< 1.0	< 1.0	57.7	---	---	---	38.4	11.1	---	< 4.0	25.9	---	---	< 4.0	---	---	< 4.0	7.2 [#1]	21.2	---	369	---	< 4.0	< 3.0	24.1	---	7.0
	22-Sep-2014	4	8.23	---	---	273	2.1	< 0.0802	2.6	5.62	---	1.35	0.938	---	86.1	651	---	---	29.6	3.72	---	74.8	8	---	9.81	---	---	89.8	14.5	27.9	---	---	8.63	---	---	109	< 0.000249	21.5
White Sucker 3+	01-Feb-2012	1	< 6.0	< 9.0 [#1]	< 9.0	209	< 10	---	< 8.0	---	< 9.0	< 2.0	< 3.0	116	---	---	---	49.4	21.6 [#1]	---	< 9.0	70 [#1]	---	---	< 10	---	---	< 10	< 10	< 10	---	486 [#1]	---	< 9.0	< 8.0	27.5 [#1]	---	< 10
White Sucker 6+	01-Sep-2007	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	4	4.4	< 1.0	< 1.2	150	5.3	---	2.3	---	3.6	< 1.0	< 0.90	37	---	---	---	63	17	---	3.3	22	---	---	< 1.1	---	---	9.6	6.5	15	---	310	---	< 1.0	< 1.0	53	---	8.9
White Sucker 7+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	6.0	< 1.4	< 1.7	200	4.8	---	3.3	---	4.6	< 1.4	< 1.3	54	---	---	---	100	18	---	4.7	32	---	---	< 1.8	---	---	8.3	6.8	18	---	430	---	2.7	< 1.6	73	---	11
White Sucker 8+	01-Sep-2007	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	5	4.3	< 1.2	< 1.4	150	< 1.8	---	2.4	---	3.3	< 1.0	< 0.90	51	---	---	---	97	22	---	3.9	27	---	---	2.0	---	---	9.4	7.3	18	---	400	---	< 1.3	< 1.3 [#1]	72	---	12
	11-Aug-2009	4	< 12	< 12	< 13	354	< 20	---	< 12	---	< 12	< 11	< 7.6	57	---	---	---	51.3	8.2	---	< 26	44	---	---	< 29	---	---	< 21 [#1]	< 15	14	---	408	---	< 26	< 22	98	---	< 19
White Sucker 9+	01-Sep-2007	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	4	9.2	< 1.1	< 1.3	300	7.1	---	4.2	---	6.8	< 1.1	< 0.90	78	---	---	---	150	38	---	9.4	61	---	---	5.7	---	---	17	10	33	---	680	---	6.0	1.4	140	---	22
White Sucker 10+	11-Aug-2009	4	< 9.1	< 9.1	< 10	210	< 15	---	< 9.3	---	< 9.0	< 9.3	< 6.3	54	---	---	---	40.6	8.0	---	< 18	30	---	---	< 20	---	---	< 19	< 14 [#1]	13.2	---	344	---	< 18	< 15	49.4	---	< 17
CRL-1	27-Jun-2012	---	< 10	< 10	< 10	128	43	---	< 10	---	< 10	< 9.0	< 7.0	34.6	---	---	---	< 6.0	< 7.0	---	< 6.0	27.0	---	< 7.0	---	< 8.0	---	---	25.3	< 10	---	144	---	< 6.0	< 5.0	14.9	---	< 7.0
CRL-2	27-Jun-2012	---	< 6.0	< 5.0	< 5.0	158	17.3	---	< 5.0	---	< 5.0	< 5.0	< 4.0	22.8	---	---	---	20.2	< 4.0	---	< 4.0	49.3	---	< 4.0	---	25.4	---	---	23.7	< 5.0	---	157	---	< 4.0	< 4.0	21.7	---	< 4.0
CRL-3	26-Jun-2012	---	< 7.0	< 7.0	< 7.0	170	< 10	---	< 6.0	---	< 6.0	< 5.0	< 5.0	39.1	---	---	---	< 4.0	< 5.0	---	< 5.0	45.5	---	< 5.0	---	18.5	---	---	37.2	< 7.0	---	176	---	< 5.0	< 4.0	23.3	---	< 5.0
CRL-FB2	27-Jun-2012	---	< 20	< 30	< 30	< 30	< 40	---	< 20	---	< 30	< 20	< 20	< 20	---	---	---	< 10	< 20	---	< 20	< 20	---	< 20	---	< 20	---	---	< 10	< 20	---	< 30	---	< 10	< 10	< 10	---	< 20
Forage Fish	04-Nov-2014	---	30.2	---	---	985	2.61	< 0.13	12.1	22.5	---	4.35	< 3.29	---	273	1180	---	---	66.4	4.2	---	194	11.6	---	17	---	---	124	37.8	40.6	---	---	7.26	---	---	224	< 0.0016	19.6
Invertebrates	22-Aug-2014	---	108	---	---	4320	6.72 [#1]	< 0.577	40.1	64.3	---	32.4	< 15.9	---	434	4570	---	---	215	17.1 [#1]	---	517	68.7	---	109	---	---	890	47.9	155	---	---	29.1	---	---	948	< 0.00463	126
Edith Lake																																						
Brook Trout 1+	11-Aug-2009	7	< 3.7	< 3.3	< 3.6	125	< 5.3	---	< 3.8	---	< 3.3	< 1.7	< 1.2	23.2	---	---	---	16.9	5.2	---	< 5.7	11.1	---	---	< 6.3	---	---	6.8	5.0 [#1]	5.3	---	150	---	< 5.7	< 4.8	19.4	---	< 5.8
	01-Sep-2011	4	< 1.0	< 2.0	< 2.0	179	12.6 [#1]	---	< 2.0	---	7.6 [#1]	< 1.0	< 2.0	46.8	---	---	---	33.6 [#1]	25.3	---	14.8	67.2 [#1]	---	---	12.8	---	---	41.8	26.2	12.0 [#1]	---	337	---	< 3.0	< 3.0	34.1	---	10.0
(Duplicate)	01-Sep-2011	4	< 4.0	< 4.0	< 4.0	246	25.0	---	< 4.0	---	< 4.0	< 3.0	< 3.0	91.6	---	---	---	48.0	41.8	---	22.7 [#1]	105	---	---	18.7	---	---	68.4	38.8	20.2	---	580	---	< 7.0	< 6.0	67.0	---	13.9
	01-Sep-2012	3	12.6	< 0.90	< 0.90	464	21.1	---	6.55 [#1]	---	12.3 [#1]	< 0.80	< 0.60	91.7	---	---	---	75.7	41.7	---	26.6	79.7	---	---	16.9	---	---	62.7	29.5	27.2	---	626	---	5.8 [#1]	5.0 [#1]	70.3	---	15.5

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 114 (ng/kg)	PCB 115 (ng/kg)	PCB 116 (ng/kg)	PCB 118 (ng/kg)	PCB 120 (ng/kg)	PCB 121 (ng/kg)	PCB 122 (ng/kg)	PCB 123 (ng/kg)	PCB 124 (ng/kg)	PCB 126 (ng/kg)	PCB 127 (ng/kg)	PCB 128/162 (ng/kg)	PCB 128/166 (ng/kg)	PCB 129/138/160/163 (ng/kg)	PCB 129/138/163 (ng/kg)	PCB 129/158 (ng/kg)	PCB 130 (ng/kg)	PCB 131 (ng/kg)	PCB 131/133/142 (ng/kg)	PCB 132 (ng/kg)	PCB 133 (ng/kg)	PCB 134 (ng/kg)	PCB 134/143 (ng/kg)	PCB 135 (ng/kg)	PCB 135/151 (ng/kg)	PCB 135/151/154 (ng/kg)	PCB 136 (ng/kg)	PCB 137 (ng/kg)	PCB 137/164 (ng/kg)	PCB 138 (ng/kg)	PCB 139/140 (ng/kg)	PCB 139/143 (ng/kg)	PCB 140 (ng/kg)	PCB 141 (ng/kg)	PCB 142 (ug/kg)	PCB 144 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - Continued																																						
	22-Sep-2015	3	18.8	---	---	818	10.7	1.18	6.59	12.5	---	3.53 #1	2.49	---	203	1460	---	---	88.4	9.18	---	247	42.4	---	49.4	---	---	535	92	53.4	---	---	27.1	---	---	217	< 0.00171	47.9
	30-Aug-2016	2	5.14	---	---	272	6.6	0.894	2.26	4.35	---	0.857	0.696 #1	---	93	712	---	---	43.4	3.69	---	150	28.1	---	20.1	---	---	280	49.4	23.1	---	---	16.5	---	---	81.5	< 0.00128	21.7
	13-Sep-2017	3	6.57	---	---	368	10.5	1.35	3.05 #1	6.71	---	1.23	1.37	---	119	863	---	---	55	4.13 #1	---	154	31.7	---	26.2	---	---	371	62.8	25.4	---	---	16.8	---	---	75.8	< 0.000697	23.9
	30-Aug-2018	3	4.16	---	---	212	5.88 #1	0.47 #1	< 0.788	3.5	---	0.866	< 0.701	---	102	566	---	---	36.4	2.67	---	99.9	20.8	---	15	---	---	191	28.3	18.5	---	---	11	---	---	53.9	< 0.000296	14.3
	06-Sep-2019	4	6.22	---	---	282	6.8	0.964	2.25	6.5	---	1.03	1.01	83.7	---	626	---	---	39.5	2.5	---	102	21.9	---	16.7	---	---	208	34.3	20.3	---	---	11.2	---	---	57.5	< 0.000761	14.6
(Replicate B)	06-Sep-2019	4	7.65	---	---	328	8.57	1.1	2.71	6.78	---	1.12	1.35	110	---	797	---	---	50.2	2.81	---	126	28.8	---	19.4	---	---	241	35	25.5	---	---	14.3	---	---	71.5	< 0.000886	16.5
	26-Aug-2020	7	4.37	---	---	224	4.86	0.782 #1	1.63	4.6	---	0.877	1.04	---	62.5	492	---	---	31.1	2.63	---	86.7	17.7	---	14.2	---	---	177	29.4	16.2	---	---	10.4	---	---	45.9	< 0.000427	13.5
	30-Sep-2021	8	< 1.6	---	---	86.4	---	---	---	1.49	---	0.430	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	164	---	---	---	---	---	---	---
	30-Sep-2021	8	---	---	---	---	1.30	< 0.39	1.10	---	---	---	< 0.33	---	17.9	---	164	---	8.41	0.58	---	20.5	4.70	---	4.30	---	60.1	---	8.55	---	10.7	---	2.21	---	---	15.8	< 0.00026	5.51
	13-Oct-2022	2	< 1.4	---	---	77.1	---	---	---	< 1.5	---	0.659	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	165	---	---	---	---	---	---	---
	13-Oct-2022	2	---	---	---	---	< 1.5	< 1.4	< 2.0	---	---	---	< 1.5	---	14.1	---	165	---	5.0	< 1.2	---	12.9	5.1	---	1.9	---	44.5	---	3.30	---	8.64	---	1.10	---	---	25.0	< 0.0012	4.50
	14-Sep-2023	2	< 1.8	---	---	90.2	---	---	---	1.56	---	0.506	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	168	---	---	---	---	---	---
	14-Sep-2023	2	1.80	---	---	90.2	3.06	< 0.55	< 0.66	1.56	---	0.506	< 0.50	---	23.8	---	168	---	10.9	< 0.76	---	25.9	7.15	---	4.31	---	50.9	---	8.42	---	12.8	---	2.70	---	---	14.0	< 0.00078	4.20
	15-Aug-2024	5	2.80	---	---	146	2.30	< 0.25	< 0.38	1.40	---	0.739	< 0.28	---	28.2	---	283	---	11.8	1.20	---	33.2	4.71	---	7.05	---	61.2	---	11.5	---	25.6	---	2.80	---	---	21.7	< 0.00020	6.66
Brook Trout 2+	11-Aug-2009	4	< 3.7	< 3.2	< 3.6	121	< 5.3	---	< 3.8	---	< 3.2	< 2.2	< 1.5	27.2	---	---	---	19.0	4.0	---	< 6.6	10.9	---	---	< 7.3	---	---	10.6	< 5.1	4.8	---	182	---	< 6.7	< 5.6	24.5	---	< 6.3
	11-Aug-2010	5	23.3	< 1.4	< 1.5	1690	40.5	---	17.3	---	38.7	4.7	< 0.80	157	---	---	---	195	64.9	---	47.8	182	---	---	41.5	---	---	77.4	36.4	43.0	---	1350	---	12.0	5.7	278	---	36.3
	01-Sep-2011	4	28.3	13.1 #1	< 3.0	1830	57.9	---	18.7 #1	---	48.7	5.7 #1	< 2.0	268	---	---	---	296	122	---	56.9	432	---	---	77.7	---	---	244	103	89.0 #1	---	2200	---	18.1 #1	15.1	401	---	104
	01-Sep-2012	3	34.6	19.3	< 1.0	1670	55.7	---	17.8	---	45.6	6.66	< 0.70	185	---	---	---	223	80.7	---	44.8	190	---	---	43.6	---	---	150	61.2	62.3	---	1540	---	11.8	8.2	259	---	68.4
	01-Sep-2013	3	56.2	---	---	3410	36.9	1.65	12.6	43.3	---	12.8	4.37	---	346	3820	---	---	180	7.69	---	510	138	---	105	---	---	1430	139	92.3	---	---	36.3	---	---	440	< 0.00195	97.1
	21-Sep-2014	4	24.2	---	---	1420	18.5	0.558 #1	4.91 #1	17.2	---	4.87	1.65 #1	---	260	2250	---	---	106	5.28	---	291	53.4	---	54.9	---	---	675	51.9	71.4	---	---	29	---	---	342	< 0.00089	73.7
(Replicate A)	21-Sep-2014	1	24.6	---	---	1080	12.7	0.699 #1	6.48	15.2	---	4.02	1.66	---	241	1670	---	---	91.5	7.4	---	243	34.2	---	49.2	---	---	469	< 0.0565	68.5	---	---	28.4	---	---	286	< 0.000926	56.8
(Replicate B)	21-Sep-2014	1	3.58	---	---	186	3.9	0.279 #1	0.89	3.05	---	0.989	< 0.244	---	37.6	317	---	---	16.4	0.99	---	39.7	8.82	---	7.13	---	---	96	< 0.0579	10	---	---	3.79	---	---	44.6	< 0.000192	9.9
	22-Sep-2015	1	1.91	---	---	108	1.12	0.151 #1	< 0.331	1.79	---	0.541 #1	< 0.316	---	17.2	161	---	---	7.46	< 0.529	---	14.9	4.44	---	2.79	---	---	42.9	3.54	4.79	---	---	1.61	---	---	20.5	< 0.000514	4.7
	30-Aug-2016	2	30.8	---	---	1450	9.53	0.826	7.18	18.4	---	5.4	2.2	---	200	1670	---	---	85.7	8.13	---	269	51.7	---	49.8	---	---	530	68.3	58.6	---	---	24.4	---	---	257	< 0.00158	55
	13-Sep-2017	3	3.91	---	---	219	3.74	0.295 #1	0.571	3.34	---	0.488 #1	0.559	---	63.8	505	---	---	28.7	1.22	---	58.4	15.3	---	8.72	---	---	129	6.56	18.6	---	---	8.94	---	---	56.7	< 0.000485	13.3
	30-Aug-2018	3	4.22	---	---	229	3.92	0.53 #1	< 0.501	3.1	---	1.08	< 0.446	---	80.4	487	---	---	28	1.63	---	63.9	15.8	---	10.8	---	---	145	16.6	14.4	---	---	7.31	---	---	50	< 0.000199	11.3
(Replicate A)	06-Sep-2019	4	3	---	---	127	2.15	0.222	0.659	2.68	---	0.418	0.588	39.4	---	315	---	---	18.9	0.754	---	34.9	9.42	---	5.8	---	---	69.9	5.72	9.51	---	---	4.43	---	---	36.8	< 0.000443	6.33
(Replicate B)	06-Sep-2019	4	4.94	---	---	215	3.38	0.358	1.71	3.59	---	0.719	0.636	47	---	403	---	---	25.1	1.47	---	53.9	12.8	---	10.1	---	---	118	12.3	12.8	---	---	6.3	---	---	57.8	< 0.00111	11.2
	26-Aug-2020	2	5.33	---	---	294	5.73	0.833	1.13	5.02	---	1.17	1.13 #1	---	73.4	632	---	---	38.1	1.75	---	78.2	22.5	---	12.4	---	---	190	19	17.7	---	---	10.5	---	---	61.6	< 0.000619	14.7
	30-Sep-2021	10	< 2.4	---	---	132	---	---	---	< 1.7	---	0.726	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	192	---	---	---	---	---	---
	30-Sep-2021	10	---	---	---	---	2.06	< 0.25	1.00	---	---	---	< 0.26	---	19.3	---	192	---	9.54	0.64	---	24.9	6.01	---	5.03	---	77.1	---	7.99	---	13.2	---	1.91	---	---	19.8	< 0.00025	7.01
	13-Oct-2022	8	20.4	---	---	1140	---	---	---	< 18	---	13.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1340	---	---	---	---	---	---
	13-Oct-2022	8	---	---	---	---	13.1	< 0.45	14.0	---	---	---	1.90	---	128	---	1340	---	64.1	3.62	---	167	36.4	---	29.6	---	445	---	50.7	---	105	---	9.40	---	---	169	< 0.00052	47.6
	14-Sep-2023	3	< 4.4	---	---	350	---	---	---	3.11	---	1.80	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	317	---	---	---	---	---	---
	14-Sep-2023	3	4.40	---	---	350	5.11	0.48	0.84	3.11	---	1.80	< 0.35	---	27.0	---	317	---	13.8	< 0.51	---	20.9	16.7	---	4.37	---	102	---	4.61	---	20.7	---	1.30	---	---	31.9	< 0.00052	7.86
	15-Aug-2024	6	4.03	---	---	477	4.10	0.35	1.60	< 0.23	---	5.74	< 0.23	---	31.9	---	543	---	16.9	0.64	---	40.1	13.3	---	6.81	---	137	---	12.0	---	25.6	---	2.30	---	---	36.5	< 0.00035	16.1
Brook Trout 3+	11-Aug-2010	3	23.4	< 1.3	< 1.4	2140	45.4	---	23.2	---	40.7	9.0	< 0.90	160	---	---	---	198	71.8 #1	---	59.9	221	---	---	51.2	---	---	112	50.7	43.5	---	1510	---	7.6	7.6	289	---	37.7
	01-Sep-2011	3	33.0	6.7	< 5.0	1810	45.3	---	< 5.0	---	41.7	12.6	< 4.0	240	---	---	---	250	98.8 #1	---	48.3	259	---	---	64.6 #1	---	---	216	94.7	79.5	---	1720	---	16.6	< 6.0	294	---	71.1
	01-Sep-2012	5	41.4	22.0 #1	< 1.0	2100	78.3	---	< 1.0	---	57.3	7.9 #1	< 0.90	240	---	---	---	300	109	---	61.5	268	---	---	67.2	---	---	202	87.9	84.6	---	2020	---	13.2	13.6 #1	387	---	89.7
(Replicate A)	01-Sep-2013	3	61.6	---	---	4090	30.6	0.581	18.7	56.6	---	16.1	5.62	---	448	4890	---	---	214	15.7	---	667	110	---	112	---	---	1410	138	136	---	---	54.2	---	---	661	< 0.00203	170
(Replicate B)	01-Sep-2013	3	52.6	---	---	3470	28.2	0.647	15.9	50.6	---	31.2	< 5.72	---	320	3850	---	---	167	7.38	---	476	98.1	---	89.4	---	---	1170	108	78.4	---	---	24.6	---	---	475	< 0.00126	122
(Duplicate)	01-Sep-2013	3	56.1	---	---	3600	28.2	0.811	17.1	48.2	---	13.4	< 5.01	---	384	4310	---	---	188	13.4	---	585	98.2	---	104	---	---	1270	123	103	---	---	49.9	---	---	572	< 0.00145	152
(Known (External Reference Material) Duplicate)	01-Sep-2013	3	75.0	51.5	< 4.0	5600	104	---	49.5 #1	---	115	23.3	< 3.0	407	---	---	---	569	201	---	108	487	---	---	89.9	---	---	348	110	121	---	3530	---	19.8 #1	12.8	456	---	154
	21-Sep-2014	4	45.7	---	---	2780	23.1	0.656	10.8	39.1	---	11.3	< 3.86	---	347	3330	---	---	159	8.12	---	481	96.4	---	94.2	---	---	1020	95	106	---	---	35.9	---	---	472	< 0.00161	94
(Replicate A)	21-Sep-2014	1	35.6	---	---	1390	7.1	0.573 #1	14.7	21.8	---	5.63	2.31	---	238	1830	---	---	101	10.1	---	320	35.2	---	61.3	---	---	500	86.5	87.1	---	---	30.3	---	---	288	< 0.000589	58.7
(Replicate B)	21-Sep-2014	1	25.5	---	---	1720	14.1	0.605 #1	4.08 #1	21.7	---	5.71	< 3.33	---	244	2210	---	---	103	4.29	---	262	59.6	---	47.9	---	---	598	33.7	68.3	---	---	28.8	---	---	291	< 0.000932	60.9
	22-Sep-2015	3	31.6	---	---	1500	8.21	0.451 #1	10.4	24.3	---	5.03 #1	2.93	---	233	1840	---	---	91.4	9.9	---	249	33.4	---	56.8	---	---	573	77.3	62.2	---	---	26.8	---	---	346	< 0.00315	67.3
(Duplicate)	22-Sep-2015	3	28.8	---	---	1440	7.83	0.409	7.9	25.2	---	5.71 #1	2.76	---	219 #3	1760	---	---	84.9	8.77	---	229	31.4	---	54.2	---	---	546	70.2	58	---	---	25.1	---	---	303	< 0.00191	64.1
	30-Aug-2016	1	33.1	---	---	1750	7.93	0.472 #1	8.17	26.1	---	7.37	2.02	---	213	1750	---	---	75	6.9	---	232	49.9	---	44 #1	---	---	523	63.5	52	---	---	21.4	---	---	263	< 0.00178	56.1
	13-Sep-2017	3	13.9	---	---	800	4.45	0.302	1.85	11.8	---	3.02	0.835 #1	---	98.4	869	---	---	40.5	2.25	---	80.4	20.7	---	19.1	---	---	259	14.7	33	---	---	10.3	---	---	119	< 0.000367	28.4
(Duplicate)	13-Sep-2017	3	12.7	---	---	713	4.29	0.261	1.84	8.92	---	2.96	0.86 #1	---	91.2	788	---	---	36.6	1.93	---	75.1	19.6	---	18.1	---	---	235	13.1	29.3	---	---	9.64	---	---	108	< 0.000432	25.5

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 114 (ng/kg)	PCB 115 (ng/kg)	PCB 116 (ng/kg)	PCB 118 (ng/kg)	PCB 120 (ng/kg)	PCB 121 (ng/kg)	PCB 122 (ng/kg)	PCB 123 (ng/kg)	PCB 124 (ng/kg)	PCB 126 (ng/kg)	PCB 127 (ng/kg)	PCB 128/162 (ng/kg)	PCB 128/166 (ng/kg)	PCB 129/138/160/163 (ng/kg)	PCB 129/138/163 (ng/kg)	PCB 129/158 (ng/kg)	PCB 130 (ng/kg)	PCB 131 (ng/kg)	PCB 131/133/142 (ng/kg)	PCB 132 (ng/kg)	PCB 133 (ng/kg)	PCB 134 (ng/kg)	PCB 134/143 (ng/kg)	PCB 135 (ng/kg)	PCB 135/151 (ng/kg)	PCB 135/151/154 (ng/kg)	PCB 136 (ng/kg)	PCB 137 (ng/kg)	PCB 137/164 (ng/kg)	PCB 138 (ng/kg)	PCB 139/140 (ng/kg)	PCB 139/143 (ng/kg)	PCB 140 (ng/kg)	PCB 141 (ng/kg)	PCB 142 (ug/kg)	PCB 144 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - Continued																																						
	30-Aug-2018	3	3.94	---	---	227	2.48	< 0.285	< 0.746	3.46	---	2	< 0.664	---	50.7	485	---	---	22	1.04 [#1]	---	45.5	13.2	---	7.79	---	---	105	7.4	16.5	---	---	6.48	---	---	49.9	< 0.000113	10.5
	06-Sep-2019	4	6.15	---	---	272	3.46	0.272	< 1.06	4.58	---	1.53	< 0.944	50.3	---	496	---	---	24.8	0.986	---	46.9	13.7	---	8.14	---	---	108	10.4	14.8	---	---	4.87	---	---	53.9	< 0.000421	9.86
(Duplicate)	06-Sep-2019	4	7.45	---	---	319	3.75	0.276	1.41	5.66	---	2.05	< 0.599	50.9	---	531	---	---	26.9	1.07	---	51.2	14.9	---	9.91	---	---	122	11.2	16.8	---	---	5.9	---	---	62.4	< 0.00064	11.1
	26-Aug-2020	5	5.24	---	---	253	2.67	0.264 [#1]	1.22	4.03	---	1.3	0.748	---	39.6	407	---	---	22.2	1.61	---	44.1	11.3	---	9.53	---	---	123	11.3	12.9	---	---	5.4	---	---	62	< 0.000437	12.6
(Duplicate)	26-Aug-2020	5	4.56	---	---	251	4.91	0.693	1.09	4.28	---	0.983	0.983	---	61.7	547	---	---	33.4	1.56	---	71.3	19.9	---	11.8	---	---	174	18	15.2	---	---	9.46	---	---	53.6	< 0.000284	13.5
	30-Sep-2021	3	< 4.4	---	---	213	---	---	---	< 4.0	---	1.26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	313	---	---	---	---	---	---
	30-Sep-2021	3	---	---	---	---	1.70 [#4]	< 0.54 [#4]	< 0.97 [#4]	---	---	---	< 0.74 [#4]	---	31.3 [#4]	---	313 [#4]	---	14.6 [#4]	1.00 [#4]	---	37.4 [#4]	8.59 [#4]	---	5.80 [#4]	---	113 [#4]	---	12.9 [#4]	---	23.3 [#4]	---	3.20 [#4]	---	---	46.7 [#4]	< 0.00060 [#4]	11.0 [#4]
	13-Oct-2022	8	< 3.7	---	---	277	---	---	---	< 3.6	---	1.72	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	383	---	---	---	---	---	---
	13-Oct-2022	8	---	---	---	---	3.55	< 0.35	< 0.60	---	---	---	< 0.48	---	32.2	---	383	---	16.6	< 0.40	---	40.0	12.3	---	6.54	---	145	---	10.8	---	26.5	---	3.40	---	---	41.1	< 0.00040	13.7
	14-Sep-2023	5	6.54	---	---	474	---	---	---	< 4.9	---	2.98	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	450	---	---	---	---	---	---
	14-Sep-2023	5	6.5	---	---	474	5.90	< 0.77	2.1	4.9	---	2.98	< 0.99	---	38.0	---	450	---	17.8	< 1.3	---	39.6	23.4	---	7.5	---	175	---	9.76	---	28.0	---	2.8	---	---	43.5	< 0.0014	13.2
(Duplicate)	14-Sep-2023	5	5.96	---	---	497	---	---	---	5.61	---	3.62	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	495	---	---	---	---	---	---
(Duplicate)	14-Sep-2023	5	6.0	---	---	497	6.4	< 2.1	< 1.5	5.6	---	3.62	< 1.1	---	42.3	---	495	---	21.0	< 1.2	---	50.5	24.0	---	7.0	---	175	---	10.0	---	35.1	---	3.3	---	---	52.0	< 0.0013	16.2
	15-Aug-2024	2	2.79	---	---	307	3.10	< 0.38	0.62	3.50	---	2.30	< 0.35	---	18.6	---	333	---	9.47	< 0.56	---	27.6	10.8	---	4.66	---	102	---	7.64	---	15.9	---	1.50	---	---	25.5	< 0.00053	10.8
Brook Trout 4+	04-Oct-2006	5	93	< 0.10	< 0.20	5600	130	---	< 0.20	---	89	17	< 0.10	< 0.20	---	---	---	800	370	---	150	900	---	---	160	---	---	750	360	190	---	5700	---	< 0.30	< 0.20	900	---	290
	01-Sep-2011	2	78.1	36.0	< 3.0	4800	217 [#1]	---	48.6 [#1]	---	140 [#1]	14.0	< 3.0	676	---	---	---	771	324	---	187	1260	---	---	222	---	---	635	321	244	---	5760	---	56.8 [#1]	35.5 [#1]	1200	---	259
	01-Sep-2013	2	91.4	---	---	4630	25.5	0.643	29.8	62.4	---	16.4	7.44	---	604	5690	---	---	269	18.4	---	826	106	---	156	---	---	1680	186	178	---	---	57.8	---	---	910	< 0.00242	188
	21-Sep-2014	1	53.5	---	---	3640	43.4	1.02 [#1]	13.3	44.5	---	15	< 4.16	---	434	4320	---	---	204	10.1	---	647	133	---	125	---	---	1580	154	118	---	---	60	---	---	621	< 0.00195	165
(Replicate B)	22-Sep-2015	1	55.1	---	---	3310	19.4	0.787	13.4	47	---	14.7 [#1]	< 6.15	---	421	3700	---	---	160	13.2	---	501	80.7	---	93.4	---	---	1150	115	107	---	---	45.5	---	---	601	< 0.00342	130
(Replicate A)	23-Sep-2015	1	38.3	---	---	2050	20.8	1.35	9.45	23.5	---	6.82 [#1]	2.75	---	266	2150	---	---	112	8.38	---	240	83.2	---	67.6	---	---	753	75.4	81.6	---	---	30.5	---	---	331	< 0.00236	57.9
	30-Aug-2016	1	29.9	---	---	1820	10.1	0.456 [#1]	6.78	24.8	---	7.13	1.93	---	191	1690	---	---	74.9	6.78	---	229	52.1	---	48.2	---	---	586	65.6	47.4	---	---	22.9	---	---	241	< 0.0018	46.9
	13-Sep-2017	1	16.2	---	---	931	4.01	0.28 [#1]	3.68	12.9	---	3.49	0.854	---	102	928	---	---	38.5	2.14	---	120	20.8	---	24.6	---	---	298	28.3	28.5	---	---	8.62	---	---	120	< 0.000389	32.1
	30-Aug-2018	1	11.4	---	---	538	3.67	0.316	< 0.705	6.68	---	2.48	1.2	---	120	828	---	---	39.7	2.07	---	72.5	20.8	---	17	---	---	201	11.5	30.4	---	---	9.8	---	---	117	< 0.00025	21.1
	26-Aug-2020	2	4.06	---	---	244	2.93	0.301 [#1]	1.11	4.25	---	1.41	0.77	---	34.1	357	---	---	18.8	1.08	---	33.4	10.8	---	7.46	---	---	114	9.72	11.5	---	---	4.9	---	---	42.6	< 0.000347	10.5
	14-Sep-2023	5	4.28	---	---	357	---	---	---	3.56	---	2.09	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	351	---	---	---	---	---	---
	14-Sep-2023	5	4.28	---	---	357	4.20	< 0.66	< 0.94	3.56	---	2.09	< 0.72	---	34.2	---	351	---	13.2	< 0.87	---	29.4	12.9	---	5.36	---	109	---	6.00	---	22.8	---	3.10	---	---	37.7	< 0.00090	12.1
	15-Aug-2024	1	2.50	---	---	240	1.95	< 0.42	< 0.34	2.74	---	1.95	< 0.25	---	15.2	---	257	---	7.20	< 0.30	---	21.2	6.57	---	3.27	---	74.3	---	5.71	---	12.8	---	1.10	---	---	21.9	< 0.00028	8.05
Brook Trout 5+	04-Oct-2006	4	< 0.20	< 0.10	< 0.10	1600	26	---	< 0.10	---	19	3.8	< 0.10	< 0.10	---	---	---	250	100	---	35	250	---	---	36	---	---	210	96	51	---	1700	---	9.9	5.9	270	---	72
	01-Sep-2011	2	32.3 [#1]	< 3.0	< 3.0	2440	43.4 [#1]	---	18.3	---	67.5	7.3 [#1]	< 2.0	262	---	---	---	322	145	---	75.0 [#1]	360	---	---	71.0	---	---	247	71.4	87.1	---	2540	---	16.2 [#1]	13.5	470	---	98.7
	01-Sep-2013	1	45.7	---	---	2830	18	0.395	15.2	36.8	---	12.4	< 4.96	---	276	3000	---	---	133	8.81	---	470	69.1	---	85.9	---	---	904	108	68	---	---	22.1	---	---	435	< 0.00419	98.4
	21-Sep-2014	1	48.2	---	---	2650	23.4	0.626	6.93 [#1]	36	---	8.56	< 5.25	---	410	3710	---	---	180	6.34	---	469	88.5	---	89.4	---	---	1160	80.2	135	---	---	51.9	---	---	587	< 0.00188	120
	30-Aug-2016	1	101	---	---	6360	58	1.55 [#1]	18.6	75.3	---	35.7	5.64	---	830	8380	---	---	412	21.6	---	1150	250	---	195	---	---	2490	171	214	---	---	106	---	---	1050	< 0.00485	242
(Duplicate)	30-Aug-2016	1	102	---	---	6470	59.8	1.37	15.8	75.2	---	35.6	8.25	---	833	8720	---	---	432	22.8	---	1200	259	---	204	---	---	2580	175	254	---	---	111	---	---	1160	< 0.00213	250
	30-Sep-2021	1	< 5.2	---	---	313	---	---	---	< 5.7	---	2.05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	438	---	---	---	---	---	---
	30-Sep-2021	1	---	---	---	---	4.01	< 0.50	2.00	---	---	---	0.67	---	39.6	---	438	---	19.4	0.44	---	32.0	13.5	---	7.68	---	149	---	9.27	---	28.1	---	3.20	---	---	47.3	< 0.00036	13.9
	15-Aug-2024	1	8.12	---	---	811	7.26	0.70	1.94	8.78	---	5.76	< 0.33	---	56.2	---	905	---	27.7	0.81	---	66.5	29.7	---	12.9	---	262	---	18.0	---	50.1	---	3.88	---	---	70.0	< 0.00039	20.7
Brook Trout 6+	14-Sep-2023	3	5.23	---	---	429	---	---	---	< 4.7	---	2.94	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	427	---	---	---	---	---	---
	14-Sep-2023	3	5.23	---	---	429	5.40	< 0.42	1.10	4.70	---	2.94	< 0.62	---	38.7	---	427	---	16.9	0.85	---	42.7	10.7	---	4.40	---	125	---	7.69	---	26.5	---	3.20	---	---	47.5	< 0.00065	15.5
Brook Trout 11+	01-Sep-2007	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	2	12	< 1.4	< 1.6	1200	12	---	12	---	11	< 1.3	< 1.2	73	---	---	---	130	52	---	39	110	---	---	19	---	---	120	39	18	---	730	---	< 1.4	2.7	100	---	23
Brook Trout 12+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	8.5	< 1.3	< 1.5	800	7.3	---	6.8	---	8.1	4.0	< 1.2	59	---	---	---	90	37	---	23	75	---	---	12	---	---	64	18	15	---	560	---	2.8	2.4	82	---	13
Brook Trout Unknown	23-Jul-2008	2	8.5	< 0.60	< 0.70	230	44	---	5.3	---	6.0	< 0.90	< 0.70	74	---	---	---	40	23	---	14	83	---	---	12	---	---	47	25	13	---	260	---	4.0	2.9	34	---	10
(Replicate A)	23-Jul-2008	2	2.2	< 0.70	< 0.80	130	10	---	2.6	---	3.7	< 0.90	< 0.70	35	---	---	---	34	28	---	8.7	36	---	---	5.9	---	---	44	22	8.5	---	220	---	1.7	1.7	23	---	9.4
(Replicate B)	23-Jul-2008	2	2.8	< 0.60	< 0.70	230	6.9	---	2.5	---	4.1	1.0	< 0.70	25	---	---	---	31	15	---	10	39	---	---	6.1	---	---	37	14	7.0	---	190	---	1.5	0.93	28	---	10
(Replicate C)	23-Jul-2008	2	2.2	< 0.50	< 0.60	120	8.3	---	2.2	---	3.0	< 0.80	< 0.60	26	---	---	---	25	16	---	8.2	34	---	---	5.9	---	---	32	17	7.7	---	170	---	1.7	1.5	22	---	6.8
Brook Trout (Stomach) 1+	01-Sep-2012	3	< 4.0	< 4.0	< 4.0	84.1	< 5.0	---	< 4.0	---	< 3.0	< 3.0	< 2.0	14.9	---	---	---	11.5 [#1]	< 3.0	---	< 5.0	17.8 [#1]	---	---	< 5.0	---	---	8.2 [#1]	< 4.0	< 3.0	---	86.2 [#1]	---	< 5.0	< 4.0	9.4 [#1]	---	< 4.0
Brook Trout (Stomach) 2+	01-Sep-2012	3	< 0.40	< 0.40	< 0.30	21.2	< 0.50	---	< 0.30	---	< 0.30	< 0.30	< 0.20	1.77	---	---	---	2.09	0.54 [#1]	---	< 0.40	3.60	---	---	< 0.40	---	---	1.95 [#1]	1.19 [#1]	< 0.20	---	14.2	---	< 0.40	< 0.30	2.43	---	< 0.40
Brook Trout (Stomach) 3+	01-Sep-2012	5	634	315	< 1.0	35300	1240	---	276	---	827	143	31.5	2780	---	---	---	3400	1340	---	721	3920	---	---	1000	---	---	2710	1730	979	---	20600	---	139	97.8	3730	---	558

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 114 (ng/kg)	PCB 115 (ng/kg)	PCB 116 (ng/kg)	PCB 118 (ng/kg)	PCB 120 (ng/kg)	PCB 121 (ng/kg)	PCB 122 (ng/kg)	PCB 123 (ng/kg)	PCB 124 (ng/kg)	PCB 126 (ng/kg)	PCB 127 (ng/kg)	PCB 128/162 (ng/kg)	PCB 128/166 (ng/kg)	PCB 129/138/160/163 (ng/kg)	PCB 129/138/163 (ng/kg)	PCB 129/158 (ng/kg)	PCB 130 (ng/kg)	PCB 131 (ng/kg)	PCB 131/133/142 (ng/kg)	PCB 132 (ng/kg)	PCB 133 (ng/kg)	PCB 134 (ng/kg)	PCB 134/143 (ng/kg)	PCB 135 (ng/kg)	PCB 135/151 (ng/kg)	PCB 135/151/154 (ng/kg)	PCB 136 (ng/kg)	PCB 137 (ng/kg)	PCB 137/164 (ng/kg)	PCB 138 (ng/kg)	PCB 139/140 (ng/kg)	PCB 139/143 (ng/kg)	PCB 140 (ng/kg)	PCB 141 (ng/kg)	PCB 142 (ug/kg)	PCB 144 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - Continued																																						
(Re-analysis)	01-Sep-2012	5	1190	795	< 5.0	65000	2800	---	429	---	1290	332	< 2.0	8680	---	---	---	5740	2330	---	785	8680	---	---	1930	---	---	4320	3360	2260	---	54600	---	235	158	5370	---	931
Certified Reference Materials																																						
CRM 918-050	23-Jul-2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
WMF-01-CRM	04-Oct-2006	---	3800	< 0.40	< 0.40	130000	4900	---	2000	---	4700	720	< 0.30	27000	---	---	---	23000	21000	---	6900	23000	---	---	4700	---	---	21000	470	9400	---	170000	---	2900	910	18000	---	6800
	11-Sep-2007	---	3600	< 11	< 13	120000	6100	---	2500	---	5000	690	400	25000	---	---	---	28000	23000	---	6300	23000	---	---	3900	---	---	22000	6300	9200	---	210000	---	2700	880	25000	---	5000
	23-Jul-2008	---	3300	< 5.1	< 5.9	130000	5800	---	2000	---	4300	710	250	22000	---	---	---	19000	16000	---	6000	20000	---	---	3900	---	---	19000	6200	7900	---	190000	---	2100	890	21000	---	4300
	11-Aug-2009	---	3320	< 76	< 85	131000	6350	---	2230	---	5090	691	< 47	27900	---	---	---	13600	5810	---	6670	22800	---	---	4720	---	---	14900	4710	5840	---	198000	---	2560	760	27400	---	3260
	11-Aug-2010	---	3300	< 13	< 14	126000	7670	---	2350	---	6040	731	< 6.6	23900	---	---	---	14400	11400	---	5970	15000	---	---	3690	---	---	8860	2700	7250	---	152000	---	1610	660	21400	---	1750
	01-Sep-2011	---	2980	2310	< 20	128000	8310	---	2060	---	6880	706	< 10	32700	---	---	---	20100	21000	---	10600	38500	---	---	6640	---	---	25500	7800	11200	---	234000	---	3180	1230	29500	---	5610
	01-Sep-2012	---	3420	< 9.0	< 8.0	115000	5840	---	1870	---	5140	713	163	23900	---	---	---	16800	16200	---	6230	18900	---	---	3980	---	---	16700	5290	8620	---	159000	---	2180	781	20800	---	3950
NIST SRM 1946	11-Oct-2013	---	---	---	---	55300	---	---	---	---	---	286	---	---	21700	173000	---	---	---	---	---	6510	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	31-Aug-2016	---	---	---	---	53800	---	---	---	---	---	366	---	---	19300	157000	---	---	---	---	---	6460	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03-Nov-2018	---	---	---	---	50500	---	---	---	---	---	332	---	---	26700	206000	---	---	---	---	---	6780	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
EDF-2524	15-Oct-2014	----	15	---	---	580	---	---	---	8.11	---	< 1.38	---	---	131	997	---	---	---	---	---	---	---	---	---	---	---	372	---	36.1	---	---	---	---	---	126	---	---
CRM EDF2524	23-Sep-2015	---	18.3	---	---	695	---	---	---	10.4	---	< 2.65	---	---	156	1160	---	---	---	---	---	---	---	---	---	---	---	399	---	36.2	---	---	---	---	---	136	---	---
CRM EDF-5462	13-Oct-2022	---	78.4	---	---	1750	---	---	---	60.4	---	56.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4410	---	---	---	---	---	---
	13-Oct-2022	---	---	---	---	---	10.1	< 2.6	9.1	---	---	---	5.4	---	596	---	4410	---	114	7.1	---	227	53.0	---	36.6	---	385	---	33.1	---	226	---	22.6	---	---	256	< 0.0035	43.2
	15-Nov-2023	---	86.8	---	---	1860	---	---	---	59.9	---	54.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3910	---	---	---	---	---	---
	15-Nov-2023	---	86.8	---	---	1860	13.0	< 4.0	8.0	59.9	---	54.2	< 5.2	---	568	---	3910	---	95	< 10	---	198	47.0	---	24	---	284	---	19.0	---	223	---	23.0	---	---	221	< 0.01	39.1
	29-Oct-2024	---	72.3	---	---	4250	23.3	< 2.4	55.0	73.0	---	13.5	< 3.0	---	623	---	6130	---	277	45.7	---	1070	79.7	---	180	---	1290	---	367	---	90.5	---	64.4	---	---	48.1	< 0.0031	173

NOTES:

< X
X

1. --- in guideline row(s) denotes no criteria for that parameter.
2. --- in detail data row(s) denotes parameter not analyzed.
3. Highlighting indicates parameters above applied guideline/criteria.
4. Highlighting indicates parameters above applied guideline/criteria.
5. Highlighting indicates non-detect parameters above applied guideline/criteria.
6. Highlighting indicates parameters at applied guideline/criteria.
7. Denotes values exceeding
   (Canadian Food Inspection Agency (CFIA), 2009. Fish Product Standards and Methods Manual. Appendix 3: Canadian Guidelines for Chemical Contaminants and Toxins in Fish and Fish Products.)
8. Superscript #1 - EMPC
9. Superscript #2 - RRR
10. Superscript #3 - lock mass intereference (lab qualifier originally G)
11. Superscript #4 - Labeled recoveries above method limits. Data is calculated by isotope dilution. Minimal impact to data quality.
12. Superscript #5 - The recoveries of certain surrogates are outside method criteria. Native results, calculated via isotope dilution, are not expected to be biased.

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 145 (ng/kg)	PCB 146 (ng/kg)	PCB 147/149 (ng/kg)	PCB 148 (ng/kg)	PCB 150 (ng/kg)	PCB 151 (ng/kg)	PCB 152 (ng/kg)	PCB 153 (ng/kg)	PCB 153/168 (ng/kg)	PCB 154 (ng/kg)	PCB 155 (ng/kg)	PCB 156 (ng/kg)	PCB 156/157 (ng/kg)	PCB 156L/157L (%)	PCB 157 (ng/kg)	PCB 158 (ng/kg)	PCB 159 (ng/kg)	PCB 160 (ng/kg)	PCB 160/163 (ng/kg)	PCB 161 (ng/kg)	PCB 162 (ug/kg)	PCB 164 (ng/kg)	PCB 165 (ng/kg)	PCB 166 (ng/kg)	PCB 167 (ng/kg)	PCB 169 (ng/kg)	PCB 170 (ng/kg)	PCB 171 (ng/kg)	PCB 171/173 (ng/kg)	PCB 172 (ng/kg)	PCB 173 (ng/kg)	PCB 174 (ng/kg)	PCB 175 (ng/kg)	PCB 175/182 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hatchery																																				
Brook Trout 0+	04-Oct-2006	10	< 0.10	150	290	< 0.20	1.0	110	< 0.10	---	640	9.9	1.6	---	14	---	3.2	---	< 0.10	---	73	< 0.20	---	9.3	< 0.10	< 0.10	8.6	< 0.10	27	---	4.8	6.4	< 0.10	21	---	1.5
	11-Sep-2007	10	< 0.90	110	210	2.9	2.2	71	< 1.0	---	350	12	1.3	---	16	---	4.1	---	< 1.1	---	81	< 1.1	---	15	< 1.0	< 0.90	10	< 1.0	51	---	21	15	< 1.1	55	---	5.4
	23-Jul-2008	10	< 0.40	53	110	0.96	< 0.40	38	< 0.40	---	210	4.6	0.78	---	7.7	---	2.0	---	< 0.40	---	24	< 0.40	---	6.2	< 0.40	< 0.30	5.2	< 0.40	18	---	7.1	5.0	< 0.30	23	---	2.0
(Duplicate)	23-Jul-2008	10	< 0.40	60	130	0.70	< 0.40	43	< 0.40	---	240	5.7	1.2	---	8.8	---	2.1	---	< 0.40	---	36	< 0.40	---	7.4	< 0.40	< 0.30	5.9	< 0.40	19	---	7.3	5.5	< 0.30	24	---	2.3
	11-Aug-2009	10	< 12	37	106	< 13	< 11	27	< 8.7	---	257	< 12	< 12	---	11.7	---	< 6.2	---	< 5.4	---	27.6	< 9.0	---	< 2.4	< 11	< 6.3	< 6.7	< 7.1	26.0	---	10.1	< 6.3	< 5.5	19.0	---	< 4.7
	11-Aug-2010	10	< 1.1	33.5	114	< 0.90	< 1.1	16.3	< 0.70	---	183	4.0	< 1.6	---	11.5	---	3.7	---	< 1.0	---	37.7	< 1.0	---	10.2	< 1.6	< 0.90	6.9	< 1.0	29.5	---	16.1	16.3 [#1]	< 1.8	43.9	---	< 1.4
	01-Sep-2011	10	< 3.0	132	331	< 4.0	< 3.0	89.1	< 3.0	---	644	19.9	< 2.0	---	25.4 [#1]	---	4.7	---	< 2.0	---	102	< 3.0	---	17.8 [#1]	137	< 2.0	14.6	< 2.0	58.9	---	26.2	17.5	< 2.0	60.0 [#1]	---	4.2 [#1]
	01-Sep-2012	10	< 1.0	93.7	242	3.2 [#1]	< 1.0	73.6	< 1.0	---	459	16.4	< 1.0	---	22.9	---	5.63	---	< 0.60	---	77.5	< 1.0	---	16.7	< 1.0	< 0.60	15.0	< 0.60	60.2	---	25.7	16.0	< 1.0	72.9	---	7.5
	01-Sep-2013	10	< 0.0625	191	469	4.51	3.82	---	0.355 [#1]	---	685	---	1.3	---	34.8	---	---	37.7	5.87	---	---	< 0.232	0.00298	33	1.91	---	17.7	< 0.447	106	---	38	32.5	---	111	7.14	---
	21-Sep-2014	12	0.13	86.5	266	2.43	2.14	---	0.211	---	408	---	1.38	---	17.2	---	---	20.1	2	---	---	< 0.41	0.00192	15.9	1.26	---	9.07	< 0.375	47	---	18.8	13.4	---	46.4	3.47	---
	22-Sep-2015	11	< 0.0622	211	566	6.08	5.11	---	0.443	---	886	---	1.68	---	38.9	1000000000	---	43.3	6.43	---	---	< 1.56	0.00315	39.3	2.32	---	20.7	< 1.78	122	---	45.3	33.5	---	124	9.03	---
	30-Aug-2016	10	< 0.0551	113	305	3.01	2.38	---	0.21 [#1]	---	447	---	0.894	---	17.7	---	5.04	20.3	0.343	---	---	< 0.245	0.00158	18.1	1.37	---	11.9	0.121 [#1]	57.6	---	20.3	14.3	---	56.1	3.78	---
	30-Aug-2018	10	< 0.0658	72.6	165	2.21	1.71 [#1]	---	0.091	---	277	---	1.04	---	9.54	---	3.1	12.5	< 0.135	---	---	< 0.137	0.000992 [#1]	10.2	1.03	---	6.28	0.098	32.2	---	12.7	9.89	---	31.7	2.76	---
	06-Sep-2019	10	< 0.0574	42.6	105	1.1	0.835	---	0.077	---	191	---	0.68	---	8.63	---	---	9.19	1.37	---	---	< 0.309	0.00088	7.78	0.563	---	4.22	< 0.38	23	---	7.7	5.67	---	19.6	1.5	---
	26-Aug-2020	11	< 0.0573	44.8	104	1.57	1.02 [#1]	---	0.074 [#1]	---	206	---	0.639	7.79	---	45.6	2.33	8.92	1.53 [#1]	---	---	< 0.123	0.000721	7.93	0.621	---	5.55	0.087	24.6	---	9.53	6.98	---	23.6	2.03	---
	30-Sep-2021	10	---	---	---	---	---	---	---	38.0	---	---	---	---	1.87	---	---	---	---	---	---	---	---	---	---	---	1.13	< 0.052	---	---	---	---	---	---	---	---
	30-Sep-2021	10	< 0.066	7.84	14.1	0.250	0.082	---	< 0.074	---	38.0	0.942	0.441	---	---	---	---	1.47	< 0.14	< 0.15	---	< 0.14	0.00015	---	0.22	---	---	---	5.70	---	1.42	1.09	---	1.95	0.27	---
	13-Oct-2022	10	---	---	---	---	---	---	---	90.6	---	---	---	---	3.91	---	---	---	---	---	---	---	---	---	---	---	2.10	< 0.083	---	---	---	---	---	---	---	---
	13-Oct-2022	10	0.22	20.9	113	0.53	0.53	---	0.26	---	90.6	< 0.16	0.33	---	---	---	---	5.88	< 0.18	< 0.19	---	< 0.17	0.00031	---	< 0.20	---	---	---	8.20	---	1.89	1.20	---	3.70	0.23	---
	15-Aug-2024	6	< 0.10	42.7	139	0.71	0.290	---	< 0.11	---	325	3.74	1.11	---	20.7	---	---	12.3	0.75	< 0.20	---	< 0.23	0.00114	---	0.42	---	8.99	0.178	26.6	---	8.35	5.62	---	17.8	1.23	---
	24-Sep-2025	10	---	---	---	---	---	---	---	92.1	---	---	---	3.07	---	---	0.977	---	---	---	---	---	---	---	---	---	2.11	<0.055	---	---	---	---	---	---	---	---
Chrystina Lake																																				
Brook Trout 1+	11-Aug-2009	8	< 1.5	122	435	< 2.0	< 1.5	143	< 1.4	---	689	13.4	< 1.8	---	49.9	---	9.9	---	< 1.0	---	132	< 1.3	---	33.5	< 1.6	2.1	24.9	< 1.1	110	---	40.1	41.5	1.7 [#1]	146	---	7.7 [#1]
	01-Sep-2011	5	< 4.0	209	606	< 4.0	< 3.0	231	< 3.0	---	1350	25.9	< 3.0	---	68.1 [#1]	---	13.1	---	< 2.0	---	226	< 3.0	---	52.7	254	3.9 [#1]	37.5	< 2.0	207	---	88.6	53.6	< 3.0	224	---	12.8 [#1]
	01-Sep-2012	4	< 1.0	467	1470	11.4	5.1 [#1]	470	< 1.0	---	2770	57.7	2.2	---	230	---	52.2	---	< 0.70	---	501	< 1.0	---	141	< 1.0	9.84	112	< 0.70	413	---	174	102	7.1 [#1]	< 1.0	---	39.2
(Replicate A)	01-Sep-2013	1	< 0.213	130	382	1.64	0.915	---	< 0.189	---	678	---	0.32	---	57.5	---	---	53.7	6.35	---	---	< 0.522	0.00291	30	0.647 [#1]	---	26.5	< 0.812	127	---	41.5	34.5	---	112	7.25	---
(Replicate B)	01-Sep-2013	1	< 0.0862	154	394	2.09	1.37	---	0.252	---	778	---	0.476	---	65.2	---	---	59.4	6.31	---	---	< 0.35	0.00306	32	0.881	---	29.4	< 0.925	157	---	47.3	40.5	---	119	8.36	---
	23-Sep-2015	1	0.835	2130	4670	48.4	17.1	---	4.42	---	7820	---	1.39	---	362	1000000000	---	583	59.5	---	---	< 3.8	0.0232	412	5.66	---	234	< 8.1	1240	---	250	229	---	861	47.6	---
	31-Aug-2016	2	< 0.0672	300	637	6.44	4.52	---	0.342	---	1250	---	1.82 [#1]	---	46.9	---	12.4	65	2.25	---	---	< 0.58	0.0117	51.7	3.11	---	30.3	0.849	162	---	51.2	38.9	---	135	9.71	---
	12-Sep-2017	3	0.071 [#1]	180	448	3.88	2.93 [#1]	---	0.379	---	975	---	0.904	---	69.2	---	---	66.8	5.11	---	---	< 0.383	0.00399	34.2	1.81 [#1]	---	32.7	< 0.379	159	---	51.7	41.7	---	118	10.3	---
	29-Aug-2018	3	0.143 [#1]	173	504	2.5 [#1]	2.05	---	0.337 [#1]	---	788	---	1.08	---	39.9	---	9.7	52.5	5.81	---	---	< 0.238	0.00258	31.8	1.43	---	23.8	0.362	119	---	43.5	34.8	---	121	8.71	---
(Replicate A)	05-Sep-2019	4	< 0.057	203	472	4.07	3.34	---	0.228	---	925	---	1.85	---	48.9	---	---	49.4	7.23	---	---	< 0.457	0.00394	35.3	2.36	---	23.1	< 0.476	124	---	47.4	36.5	---	124	8.66	---
(Replicate B)	05-Sep-2019	4	0.082	229	526	5.59	3.66	---	0.304	---	1000	---	1.94	---	52.9	---	---	51.2	7.91	---	---	< 0.641	0.00424	37.4	2.83	---	25.9	< 0.675	133	---	43.9	33.7	---	120	8.56	---
	25-Aug-2020	7	0.087 [#1]	172	388	3.17	2.14	---	0.343	---	943	---	0.982 [#1]	50.2	---	43.6	12.5	59.4	7.2	---	---	< 0.495	0.00346 [#1]	30.8	1.52	---	29.8	0.307	142	---	43.9	37.5	---	103	8.61	---
	29-Sep-2021	8	---	---	---	---	---	---	---	2140	---	---	---	---	193	---	---	---	---	---	---	---	---	---	---	---	86.2	0.453	---	---	---	---	---	---	---	---
	29-Sep-2021	8	< 0.17	427	1170	10.8	5.14	---	1.00	---	2140	< 0.17	0.66	---	---	---	---	157	14.9	< 0.37	---	< 0.33	0.00852	---	4.28	---	---	---	491	---	136	112	---	354	25.1	---
	12-Oct-2022	8	---	---	---	---	---	---	---	1110	---	---	---	---	99.3	---	---	---	---	---	---	---	---	---	---	---	45.7	0.218	---	---	---	---	---	---	---	---
	12-Oct-2022	8	< 0.50	190	460	1.60	< 0.49	---	0.56	---	1110	< 0.49	< 0.50	---	---	---	---	87.4	6.5	< 1.4	---	< 1.5	0.0048	---	< 1.5	---	---	---	187	---	53.7	54.8	---	135	11.0	---
	13-Sep-2023	5	---	---	---	---	---	---	---	658	---	---	---	---	47.1	---	---	---	---	---	---	---	---	---	---	---	22.0	< 0.23	---	---	---	---	---	---	---	---
	13-Sep-2023	5	< 0.26	103	210	1.40	1.00	---	0.32	---	658	7.50	0.55	---	47.1	---	---	42.7	3.10	< 0.78	---	< 0.83	0.00267	---	1.30	---	22.0	0.230	100	---	27.2	25.8	---	60.5	6.01	---
	14-Aug-2024	5	< 0.15	104	216	1.41	0.63	---	< 0.16	---	663	7.61	0.54	---	59.9	---	---	42.3	3.03	< 0.18	---	< 0.19	0.00279	---	0.89	---	26.1	0.251	134	---	36.5	32.4	---	68.2	6.70	---
	24-Sep-2025	4	---	---	---	---	---	---	---	773	---	---	---	47.9	---	---	9.85	---	---	---	---	---	---	---	---	---	25.7	<0.26	---	---	---	---	---	---	---	---
Brook Trout 2+	11-Aug-2009	3	< 2.1	849	1680	13.0	2.6 [#1]	702	< 2.0	---	3660	80.8	< 2.3	---	273	---	52.3	---	< 1.4	---	838	< 1.8	---	164	< 2.2	10.3	154	< 1.6	531	---	172	210	4.5	552	---	45.3
	11-Aug-2010	5	< 1.7	802	2490	4.7	2.7	622	< 1.1	---	5500	62.7	< 2.3	---	477	---	88.6	---	< 1.7	---	957	< 1.7	---	292	< 2.4	16.6	239	< 1.6	< 1.6	---	619	516	< 2.7	1580	---	121
	12-Aug-2010	3	< 2.3	1840	6150	18.7	8.4 [#1]	2310	< 2.0	---	9480	179	< 2.2	---	868	---	166	---	3.1 [#1]	---	2630	< 1.8	---	600	< 2.4	40.9	422	< 1.6	1960	---	720	784	10.4	2180	---	154
	01-Sep-2011	4	< 7.0	7750	21800	95.5	31.0	8200	< 5.0	---	43600	957	< 5.0	---	1680	---	346	---	< 4.0	---	6050	< 6.0	---	1340	8540	98.0	953	< 4.0	4940	---	1880	1370	26.4	5910	---	416
(Replicate)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	2680	---	504	---	---	---	---	---	---	---	---	---	1390	< 2.0	---	---	---	---	---	---	---	---
(Replicate A)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	3110	---	596	---	---	---	---	---	---	---	---	---	1550	< 2.0	---	---	---	---	---	---	---	---
(Replicate B)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	4750	---	931	---	---	---	---	---	---	---	---	---	2410	< 2.0	---	---	---	---	---	---	---	---
(Replicate C)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	2610	---	509	---	---	---	---	---	---	---	---	---	1360	< 2.0	---	---	---	---	---	---	---	---
(Replicate D)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	4340	---	865	---	---	---	---	---	---	---	---	---	2310	< 3.0	---	---	---	---	---	---	---	---

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 145 (ng/kg)	PCB 146 (ng/kg)	PCB 147/149 (ng/kg)	PCB 148 (ng/kg)	PCB 150 (ng/kg)	PCB 151 (ng/kg)	PCB 152 (ng/kg)	PCB 153 (ng/kg)	PCB 153/168 (ng/kg)	PCB 154 (ng/kg)	PCB 155 (ng/kg)	PCB 156 (ng/kg)	PCB 156/157 (ng/kg)	PCB 156L/157L (%)	PCB 157 (ng/kg)	PCB 158 (ng/kg)	PCB 159 (ng/kg)	PCB 160 (ng/kg)	PCB 160/163 (ng/kg)	PCB 161 (ng/kg)	PCB 162 (ug/kg)	PCB 164 (ng/kg)	PCB 165 (ng/kg)	PCB 166 (ng/kg)	PCB 167 (ng/kg)	PCB 169 (ng/kg)	PCB 170 (ng/kg)	PCB 171 (ng/kg)	PCB 171/173 (ng/kg)	PCB 172 (ng/kg)	PCB 173 (ng/kg)	PCB 174 (ng/kg)	PCB 175 (ng/kg)	PCB 175/182 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																																				
(Duplicate)	01-Sep-2011	4	< 6.0	8640	27500	117	38.7	8830	< 6.0	---	49800	959	< 5.0	---	2280	---	435	---	< 4.0	---	8230	< 6.0	---	1960	7990	119	1130	< 4.0	6500	---	1880	1640	38.7	5730	---	432
	01-Sep-2012	4	< 1.0	442	1090	6.7	2.1 [#1]	444	< 1.0	---	2750	43.1	< 2.0	---	216	---	39.8	---	< 0.70	---	429	< 1.0	---	113	< 1.0	6.67	109	< 0.70	470	---	188	118	6.3 [#1]	527	---	45.1
	01-Sep-2013	4	0.349	774	1990	7.3	3.56	---	0.826	---	4230	---	0.831	---	380	---	---	377	26.9	---	---	< 0.872	0.0171	172	2.91	---	161	< 2.48	678	---	205	170	---	512	33.4	---
	22-Sep-2014	4	0.409 [#1]	763	1860	5.9	2.82 [#1]	---	0.788	---	4310	---	0.479 [#1]	---	393	---	---	388	23.6	---	---	< 1.24	0.0188	183	2.43	---	163	< 2.23	728	---	204	179	---	494	32.7	---
(Replicate A)	22-Sep-2014	1	0.143 [#1]	252	746	1.71	1.25	---	0.382	---	1500	---	0.189	---	135	---	---	143	9.71	---	---	< 0.351	0.00654	66.4	0.967	---	56.2	< 0.893	278	---	90.5	69.2	---	212	14.5	---
(Replicate B)	22-Sep-2014	1	0.215	306	732	2.12	1.26	---	0.398	---	1810	---	0.347	---	164	---	---	163	8.98	---	---	< 0.494	0.00898	70	1.38	---	70.9	< 1.39	345	---	106	84.7	---	198	16.8	---
	23-Sep-2015	4	0.594	1040	3170	10.7	6	---	1.32	---	5860	---	0.632	---	450	1000000000	---	500	38.3	---	---	< 1.54	0.0164	241	3.31	---	197	4.85 [#1]	871	---	192	147	---	512	35.2	---
	31-Aug-2016	2	0.318 [#1]	1230	2130	7.66	3.8	---	0.633 [#1]	---	5680	---	0.827	---	488	---	96.6	470	6.43	---	---	< 2.04	0.0323	160	3.05	---	255	1.28	1210	---	269	287	---	460	54.8	---
	12-Sep-2017	3	0.129 [#1]	386	815	5.28	2.18	---	0.429 [#1]	---	2210	---	0.789	---	180	---	---	174	9.75	---	---	< 1.15	0.00839	72.2	2.22	---	82.8	< 1.14	370	---	109	93	---	227	19.8	---
(Replicate A)	12-Sep-2017	1	0.079 [#1]	321	615	3.93	2.27	---	0.332	---	1920	---	1.09	---	150	---	---	146	8	---	---	< 0.252	0.00841	60.1	2.41 [#1]	---	69.9	< 0.749	325	---	101	81.7	---	176	17.5	---
	29-Aug-2018	3	< 0.0636	749	1720	9.26	3.92	---	1.09	---	3470	---	0.876	---	175	---	35	269	19.2	---	---	< 0.239	0.0097	124	2.89	---	97.5	0.531	460	---	176	126	---	385	28.7	---
(Replicate A)	05-Sep-2019	4	0.182	317	790	2.58	1.93	---	0.466	---	1790	---	0.529	---	127	---	---	128	15.6	---	---	< 0.52	0.00876	67.8	1.73	---	62.8	< 0.673	286	---	96	77.5	---	233	16.8	---
(Replicate B)	05-Sep-2019	4	0.193	353	774	2.98	1.96	---	0.387	---	2040	---	0.613	---	157	---	---	153	16.6	---	---	< 0.397	0.0101	72.9	1.85	---	74.8	< 0.79	363	---	114	96	---	242	19.7	---
(Replicate A)	25-Aug-2020	7	0.22 [#1]	349	681	4.27	2.69	---	0.504 [#1]	---	2170	---	0.696	140	---	41.7	30.5	145	13.6	---	---	< 0.653	0.00811	61.1	2.2	---	74.5	0.532	371	---	113	93.8	---	209	19.1	---
(Replicate B)	25-Aug-2020	7	0.132	324	706	5.11	3.18	---	0.7 [#1]	---	1760	---	0.832	98.9	---	42.2	22.2	121	14.4	---	---	< 0.648	0.00704	57	2.24	---	56.9	0.352	268	---	88.8	68.8	---	201	16.7	---
	29-Sep-2021	10	---	---	---	---	---	---	---	2540	---	---	---	---	219	---	---	---	---	---	---	---	---	---	---	---	---	102	< 0.50	---	---	---	---	---	---	---
	29-Sep-2021	10	< 0.084 [#4]	495 [#4]	1140 [#4]	11.4 [#4]	4.75 [#4]	---	1.03 [#4]	---	2540 [#4]	< 0.082 [#4]	0.727 [#4]	---	---	---	---	175 [#4]	16.2 [#4]	< 0.23 [#4]	---	< 0.20 [#4]	0.00950 [#4]	---	4.58 [#4]	---	---	---	569 [#4]	---	154 [#4]	131 [#4]	---	357 [#4]	27.7 [#4]	---
	12-Oct-2022	9	---	---	---	---	---	---	---	4920	---	---	---	---	393	---	---	---	---	---	---	---	---	---	---	---	177	0.989	---	---	---	---	---	---	---	---
	12-Oct-2022	9	0.56	1010	2080	25.6	8.59	---	1.71	---	4920	< 0.15	1.06	---	---	---	---	331	27.8	< 0.62	---	< 0.56	0.0184	---	8.44	---	---	---	968	---	244	218	---	584	45.8	---
	13-Sep-2023	5	---	---	---	---	---	---	---	1840	---	---	---	---	137	---	---	---	---	---	---	---	---	---	---	---	65.4	0.373	---	---	---	---	---	---	---	---
	13-Sep-2023	5	< 0.31	295	465	3.26	1.40	---	< 0.32	---	1840	23.0	< 0.20	---	137	---	---	106	7.6	< 1.1	---	< 1.2	0.0081	---	2.8	---	65.4	0.373	255	---	65.1	68.3	---	137	13.7	---
	14-Aug-2024	5	< 0.20	231	606	3.08	1.65	---	0.42	---	1530	17.5	0.53	---	126	---	---	109	6.50	< 0.26	---	< 0.27	0.00555	---	2.10	---	53.3	0.343	285	---	80.1	66.6	---	184	14.9	---
(Replicate A)	24-Sep-2025	3	---	---	---	---	---	---	---	1470	---	---	---	89.1	---	---	18.6	---	---	---	---	---	---	---	---	---	47.5	<0.50	---	---	---	---	---	---	---	---
(Replicate B)	24-Sep-2025	3	---	---	---	---	---	---	---	3780	---	---	---	228	---	---	47.4	---	---	---	---	---	---	---	---	---	119	<0.46	---	---	---	---	---	---	---	---
Brook Trout 3+	04-Oct-2006	3	< 0.10	710	1000	0.51	< 0.10	610	< 0.10	---	2400	18	< 0.10	---	160	---	13	---	< 0.10	---	470	< 0.10	---	100	< 0.10	< 0.10	76	< 0.10	430	---	210	77	< 0.10	1100	---	< 0.10
	11-Aug-2010	5	< 1.5	688	1650	4.0	< 1.4	472	< 1.0	---	4490	45.5	< 2.1	---	382	---	65.6	---	< 1.5	---	849	< 1.5	---	194	< 2.1	16.1	188	< 1.4	1020	---	499	449	< 2.6	1130	---	96.8
(Duplicate)	11-Aug-2010	5	< 1.4	668	1700	3.9	< 1.4	444	< 0.90	---	4400	51.2	< 1.9	---	366	---	62.0	---	< 1.4	---	874	< 1.3	---	197	< 2.1	13.8	193	< 1.3	1030	---	486	438	< 2.7	1090	---	94.0
(Replicate A)	12-Aug-2010	4	< 2.2	1130	3390	12.6	< 2.1	1330	< 2.0	---	6140	92.3	< 2.1	---	502	---	96.5	---	< 1.4	---	1400	< 1.8	---	332	< 2.2	24.5 [#1]	258	< 1.5	944	---	323	355	8.9	1090	---	67.2
(Replicate A)	01-Sep-2012	1	< 0.70	313	675	4.51	1.22 [#1]	322	< 0.70	---	1890	30.7	< 0.90	---	154	---	28.5	---	< 0.40	---	338	< 0.70	---	62.7	< 0.70	6.26	75.9	< 0.40	309	---	123	80.1	2.01	304	---	28.6
(Replicate B)	01-Sep-2012	1	< 0.90	168	359	< 1.0	< 0.90	161	< 0.90	---	1140	12.2	< 1.0	---	102	---	17.8	---	< 0.50	---	185	< 0.90	---	36.7	< 1.0	2.85 [#1]	51.0	1.37	213	---	78.4	56.4	2.86	175	---	17.1
(Duplicate)	01-Sep-2012	1	< 0.80	288	666	3.8	< 0.70	301	< 0.70	---	1860	28.4	< 1.0	---	140	---	26.0	---	< 0.40	---	317	< 0.70	---	62.1	< 0.80	4.60	75.8	< 0.40	295	---	124	75.3	2.48 [#1]	281	---	26.7
(Replicate C)	01-Sep-2013	1	< 0.115	529	818	8.1	2.8	---	0.504	---	2530	---	0.459	---	211	---	---	178	12.4	---	---	< 1.17	0.00786	66.4	1.88	---	93.7	< 2.38	482	---	135	116	---	223	19.8	---
(Replicate D)	01-Sep-2013	1	< 0.0979	514	981	5.97	2.39	---	0.4	---	2750	---	0.451	---	245	---	---	228	15.6	---	---	< 0.575	0.0106	89.4	1.56	---	106	< 2.19	473	---	149	119	---	285	24.3	---
(Known (External Reference Material) Duplicate)	01-Sep-2013	1	< 4.0	388	640	< 7.0	< 4.0	321	< 5.0	---	2270	27.6 [#1]	< 7.0	---	193	---	34.1	---	< 4.0	---	328	< 5.0	---	51.2	< 5.0	7.8	104	< 5.0	343	---	134	79.5	< 6.0	270	---	28.4 [#1]
	22-Sep-2014	4	0.449 [#1]	1430	2770	19.5	4.43	---	0.955	---	6360	---	0.515	---	484	---	---	510	33.2	---	---	< 1.08	0.0232	253	3.39	---	209	< 2.61	943	---	280	233	---	717	46.1	---
(Replicate A)	22-Sep-2014	4	0.121 [#1]	423	876	3.29	1.68	---	0.424	---	2500	---	0.46	---	212	---	---	207	11.3	---	---	< 0.625	0.011	86.5	1.83	---	94.5	< 1.62	472	---	146	118	---	248	23.3	---
(Replicate B)	22-Sep-2014	1	0.078	748	1600	7.08	1.63	---	0.147	---	4100	---	0.479	---	340	---	---	371	23.2	---	---	< 0.814	0.0165	151	2.32	---	142	< 2.06	738	---	248	190	---	523	38	---
(Duplicate)	22-Sep-2014	1	0.466	1280	2790	21.1	5.45	---	1.06	---	6220	---	0.427	---	438	---	---	475	33.1	---	---	< 1.96	0.0223	255	2.98	---	192	< 2.63	886	---	310	233	---	792	48.9	---
	23-Sep-2015	3	0.994	1560	5180	19	9.63	---	2.51	---	8830	---	0.611	---	592	1000000000	---	743	51.9	---	---	< 3.56	0.0227	379	< 4.03	---	259	< 6.44	1110	---	390	262	---	1140	70.1	---
	31-Aug-2016	2	0.836	1870	5490	17.1	8.04	---	1.66	---	10500	---	0.484	---	634	---	123	845	10.9	---	---	< 3.01	0.0347	450	< 3.58	---	324	0.978	1370	---	413	313	---	1120	69.9	---
(Replicate A)	31-Aug-2016	2	0.467	1630	4110	18.1	6.41	---	1.27	---	8570	---	0.668	---	489	---	97.2	618	10.3	---	---	< 2.68	0.0631	339	3.86 [#1]	---	253	0.894	1080	---	309	243	---	914	52.9	---
(Duplicate)	31-Aug-2016	1	0.872	1770	5270	16.9	7.81	---	1.6	---	10200	---	0.431 [#1]	---	611	---	120	807	9.11	---	---	< 3.15	0.0248	419	< 3.75	---	309	0.906 [#1]	1300	---	399	303	---	1080	68.9	---
	12-Sep-2017	3	0.2	483	1120	5.11	2.07	---	0.43 [#1]	---	2760	---	0.486	---	256	---	---	232	12.8	---	---	< 0.27	0.0123	95.2	1.97	---	109	< 0.937	470	---	137	121	---	309	24	---
	29-Aug-2018	3	0.146	698	1410	6.59	2.87	---	0.563	---	3530	---	1.08	---	223	---	43.7	286	16.6	---	---	< 0.302	0.0127	112	2.62	---	121	0.561	556	---	197	155	---	353	29.9	---
(Duplicate)	29-Aug-2018	3	0.295 [#1]	648	1160	6.48	3.25	---	0.695 [#1]	---	3530	---	0.925	---	201	---	40.2	252	14.6	---	---	< 0.245	0.0113	107	2.61	---	109	0.582	513	---	171	140	---	280	27.8	---
(Lab Replicate)	29-Aug-2018	3	< 0.0623	617	1190	7.23	3.19	---	0.566	---	3400	---	0.846 [#1]	---	206	---	40	250	14.9	---	---	< 0.415	0.0113	110	2.55	---	114	0.466 [#1]	508	---	170	142	---	289	26.7	---
	05-Sep-2019	4	0.308	546	1170	5.4	2.66	---	0.82	---	3240	---	0.582	---	244	---	---	239	22	---	---	< 0.506	0.0126	116	2.41	---	113	< 1.13	509	---	165	137	---	345	27	---
	29-Sep-2021	3	---	---	---	---	---	---	---	1730	---	---	---	---	147	---	---	---	---	---	---	---	---	---	---	---	69.2	0.319	---	---	---	---	---	---	---	---
	29-Sep-2021	3	< 0.12	329	876	7.63	3.14	---	0.77	---	1730	< 0.12	0.520	---	---	---	---	126	10.9	< 0.44	---	< 0.38	0.00706	---	2.50	---	---	---	375	---	98.9	81.1	---	257	18.3	---
(Duplicate)	29-Sep-2021	3	---	---	---	---	---	---	---	4500	---	---	---	---	373	---	---	---	---	---	---	---	---	---	---	---	174	0.881	---	---	---	---	---	---	---	---
(Duplicate)	29-Sep-2021	3	< 0.28	819	2150	15.8	5.90	---	< 0.32	---	4500	< 0.28	1.10	---	---	---	---	317	28.5	< 0.99	---	< 0.86	0.0191	---	7.5	---	---	---	872	---	238	197	---	574	40.9	---

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 145 (ng/kg)	PCB 146 (ng/kg)	PCB 147/149 (ng/kg)	PCB 148 (ng/kg)	PCB 150 (ng/kg)	PCB 151 (ng/kg)	PCB 152 (ng/kg)	PCB 153 (ng/kg)	PCB 153/168 (ng/kg)	PCB 154 (ng/kg)	PCB 155 (ng/kg)	PCB 156 (ng/kg)	PCB 156/157 (ng/kg)	PCB 156L/157L (%)	PCB 157 (ng/kg)	PCB 158 (ng/kg)	PCB 159 (ng/kg)	PCB 160 (ng/kg)	PCB 160/163 (ng/kg)	PCB 161 (ng/kg)	PCB 162 (ug/kg)	PCB 164 (ng/kg)	PCB 165 (ng/kg)	PCB 166 (ng/kg)	PCB 167 (ng/kg)	PCB 169 (ng/kg)	PCB 170 (ng/kg)	PCB 171 (ng/kg)	PCB 171/173 (ng/kg)	PCB 172 (ng/kg)	PCB 173 (ng/kg)	PCB 174 (ng/kg)	PCB 175 (ng/kg)	PCB 175/182 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																																				
	12-Oct-2022	3	---	---	---	---	---	---	---	4660	---	---	---	---	306	---	---	---	---	---	---	---	---	---	---	---	137	0.485	---	---	---	---	---	---	---	---
	12-Oct-2022	3	< 0.59	924	2000	22.0	7.53	---	1.00	---	4660	< 0.58	0.40	---	---	---	---	335	28.3	< 1.5	---	< 1.4	0.0150	---	7.8	---	---	---	829	---	248	209	---	630	42.8	---
	13-Sep-2023	5	---	---	---	---	---	---	---	3250	---	---	---	---	242	---	---	---	---	---	---	---	---	---	---	---	112	0.667	---	---	---	---	---	---	---	---
	13-Sep-2023	5	0.108	627	1260	12.7	3.16	---	0.660	---	3250	63.8	0.639	---	242	---	---	200	13.4	< 0.95	---	< 0.81	0.0136	---	4.64	---	112	0.667	582	---	171	178	---	365	27.4	---
	14-Aug-2024	3	< 0.20	301	670	3.74	1.70	---	0.36	---	1820	20.0	0.39	---	153	---	---	123	7.58	< 0.33	---	< 0.34	0.00721	---	2.40	---	72.6	0.43	344	---	92.4	82.8	---	202	16.9	---
(Duplicate)	14-Aug-2024	3	< 0.11	382	893	4.71	1.76	---	0.39	---	2390	26.0	0.250	---	209	---	---	168	8.97	< 0.30	---	< 0.34	0.00960	---	3.23	---	99.1	0.662	428	---	110	107	---	245	19.3	---
(Replicate A)	24-Sep-2025	3	---	---	---	---	---	---	---	3440	---	---	---	209	---	---	43.3	---	---	---	---	---	---	---	---	---	112	<0.68	---	---	---	---	---	---	---	---
(Duplicate)	24-Sep-2025	3	---	---	---	---	---	---	---	5670	---	---	---	363	---	---	77.7	---	---	---	---	---	---	---	---	---	189	<0.71	---	---	---	---	---	---	---	---
(Replicate B)	24-Sep-2025	3	---	---	---	---	---	---	---	1440	---	---	---	91.8	---	---	19.6	---	---	---	---	---	---	---	---	---	50.4	<0.38	---	---	---	---	---	---	---	---
(Replicate B)	24-Sep-2025	3	0.139	341	914	3.83	1.73	---	<0.67	---	2000	24.6	0.342	---	135	---	---	155	11.2	2.55	---	<0.36	8.23	---	4.5	---	66.7	3.89	261	---	93	70.3	---	216	16.8	---
Brook Trout 4+	04-Oct-2006	7	< 0.20	3600	8400	17	3.8	3500	< 0.20	---	20000	230	1.0	---	900	---	150	---	2.2	---	2300	2.0	---	540	< 0.30	20	480	< 0.2	2200	---	290	540	8.9	1200	---	68
	01-Sep-2011	2	< 6.0	3300	8380	40.6	15.5 [#1]	3470	< 5.0 [#1]	---	19600	321	< 4.0	---	820	---	140	---	< 4.0	---	2700	< 6.0	---	575	3510	43.0	450	< 3.0	2140	---	674	657	17.0 [#1]	2030	---	158
	01-Sep-2013	2	1.08	2920	7320	39.4	12.1	---	2.25	---	14200	---	0.531	---	906	---	---	1000	92.4	---	---	< 2.04	0.0371	546	4.79 [#1]	---	395	< 6.29	1810	---	598	479	---	1790	102	---
	22-Sep-2014	1	1.3 [#1]	3110	8370	25.8	9.69	---	2.48	---	17400	---	0.532 [#1]	---	1350	---	---	1480	84.4	---	---	< 2.4	0.0569	722	6.8	---	575	< 6.83	2440	---	724	617	---	1970	126	---
(Replicate A)	23-Sep-2015	1	0.622	906	2140	9.66	4.29	---	1.2	---	5090	---	0.545	---	370	1000000000	---	403	26.6	---	---	< 1.8	0.0164	190	2.6	---	171	< 4.13	837	---	284	208	---	574	47.2	---
(Replicate B)	23-Sep-2015	1	0.62	1290	3100	14.8	5.37	---	1.22	---	6820	---	0.575	---	515	1000000000	---	562	35.8	---	---	< 3.77	0.0164	272	< 4.27	---	224	< 5.33	1020	---	333	243	---	839	58.7	---
	12-Sep-2017	1	< 0.0666	817	1720	7.32	2.91	---	0.59	---	5140	---	0.621	---	445	---	---	391	20.5	---	---	< 0.499	0.0175	157	3.18 [#1]	---	191	< 1.96	813	---	224	202	---	504	36.8	---
(Replicate A)	29-Aug-2018	1	0.531 [#1]	1370	3800	10.4	5.02	---	1.34	---	7350	---	0.872	---	437	---	89.6	622	40.9	---	---	< 0.345	0.0173	263	3.19	---	230	0.992	962	---	372	271	---	917	59.8	---
(Replicate B)	29-Aug-2018	1	< 0.283	872	1320	5.78	2.41 [#1]	---	0.306 [#1]	---	5320	---	1.95	---	337	---	63.6	354	15	---	---	< 1.04	0.00941	96.1	2.99 [#1]	---	186	0.75	871	---	235	192	---	289	34.7	---
(Replicate C)	29-Aug-2018	1	0.316 [#1]	752	1690	4.72	2.32	---	0.608	---	4550	---	0.686	---	284	---	53.6	340	20.3	---	---	< 0.233	0.0113	125	2.24	---	150	< 0.751	708	---	255	203	---	443	37.6	---
	25-Aug-2020	1	0.156	251	405	2.3	1.31	---	0.369 [#1]	---	1610	---	0.338 [#1]	101	---	38.4	20.4	116	10.8	---	---	< 0.71	0.00592	44.1	1.15 [#1]	---	57	0.347	269	---	86.8	66.9	---	145	14.3	---
	29-Sep-2021	1	---	---	---	---	---	---	---	2720	---	---	---	---	218	---	---	---	---	---	---	---	---	---	---	---	100	0.476	---	---	---	---	---	---	---	---
	29-Sep-2021	1	0.22	507	1250	9.14	4.24	---	< 0.21	---	2720	< 0.20	0.68	---	---	---	---	191	16.5	< 0.47	---	< 0.42	0.00978	---	4.43	---	---	---	513	---	146	121	---	333	26.8	---
	24-Sep-2025	1	---	---	---	---	---	---	---	1890	---	---	---	126	---	---	21.1	---	---	---	---	---	---	---	---	---	66.5	<0.31	---	---	---	---	---	---	---	---
	24-Sep-2025	1	<0.049	286	557	2.35	0.879	---	<0.14	---	1810	21.5	<0.25	---	112	---	---	130	5.87	7.26	---	<0.32	7.06	---	<2.2	---	53.1	<4.1	263	---	91.8	67.7	---	133	15.8	---
Brook Trout 5+	04-Oct-2006	5	< 0.20	2200	4500	8.9	< 0.20	2100	< 0.20	---	9400	94	< 0.30	---	510	---	81	---	< 0.20	---	1400	< 0.30	---	300	< 0.20	11	250	< 0.20	1100	---	160	280	< 0.10	690	---	33
	01-Sep-2007	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	2	< 1.3	1700	2100	15	1.8	1300	< 1.7	---	5600	75	< 1.8	---	380	---	70	---	2.9	---	1100	< 1.8	---	240	< 1.4	12	220	< 1.5	1100	---	370	310	6.5	1100	---	82
	12-Aug-2010	1	< 2.3	502	1190	3.8 [#1]	< 2.2	447	< 2.2	---	2860	41.0	< 2.5	---	233	---	37.9	---	< 1.5	---	469	< 1.9	---	96.6	< 2.3	8.0 [#1]	132	< 1.5	532	---	210	176	< 2.3	348	---	41.2
	01-Sep-2013	1	2.06	6150	16300	58.5	18	---	4.91	---	33700	---	0.775	---	2070	---	---	2280	217	---	---	< 6.14	0.0793	1260	10.7	---	908	< 15	4390	---	1410	1190	---	4390	241	---
(Known (External Reference Material) Duplicate)	01-Sep-2013	1	< 5.0	5270	11400	54.3	11.5	5260	< 6.0 [#1]	---	30100	314	< 8.0	---	1990	---	380	---	< 5.0	---	3650	< 6.0	---	822	< 5.0	79.6	1000	< 5.0	3830	---	1560	938	17.5	4730	---	316
	23-Sep-2015	1	0.759	1340	3320	9.93	5.34	---	1.73	---	7830	---	0.601	---	588	1000000000	---	628	40.3	---	---	< 3	0.0243	266	3.88 [#1]	---	271	< 6.1	1230	---	397	315	---	843	67.1	---
	30-Aug-2016	1	0.528 [#1]	1490	3210	12.5	4.74	---	1.26	---	7460	---	0.456	---	489	---	92.8	574	2.96	---	---	< 1.65	0.0315	248	2.95	---	243	0.65	1100	---	326	264	---	835	49.9	---
	12-Sep-2017	1	0.849	2730	5980	27	7.53	---	2.18	---	15700	---	1.06	---	1110	---	---	1440	71.4	---	---	< 0.79	0.0709	511	10	---	632	3.5	2770	---	821	676	---	1690	147	---
(Re-analysis)	12-Sep-2017	1	0.678	1800	3570	16.5	5.48	---	1.5 [#1]	---	11000	---	0.873	---	770	---	---	959	46	---	---	< 6.42	0.0484	374	< 7.22	---	441	2.47	1910	---	654	572	---	1400	113	---
	29-Sep-2021	1	---	---	---	---	---	---	---	2530	---	---	---	---	225	---	---	---	---	---	---	---	---	---	---	---	103	0.631	---	---	---	---	---	---	---	---
	29-Sep-2021	1	< 0.55 [#4]	435 [#4]	972 [#4]	4.30 [#4]	1.88 [#4]	---	0.63 [#4]	---	2530 [#4]	< 0.57 [#4]	0.67 [#4]	---	---	---	---	182 [#4]	14.9 [#4]	< 1.1 [#4]	---	< 1.0 [#4]	0.0080 [#4]	---	3.5 [#4]	---	---	---	566 [#4]	---	149 [#4]	123 [#4]	---	288 [#4]	28.0 [#4]	---
Brook Trout 6+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	< 1.9	1800	2700	13	3.3	1300	< 2.3	---	6600	100	< 2.3	---	460	---	84	---	< 2.5	---	1500	< 2.4	---	290	< 2.0	16	250	< 2.1	1400	---	490	370	6.2	1300	---	110
Brook Trout 7+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Duplicate)	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	< 1.1	330	670	2.3	< 1.1	290	< 1.2	---	1300	17	1.4	---	120	---	24	---	< 1.3	---	280	< 1.3	---	75	< 1.2	3.6	58	< 1.3	260	---	74	68	< 1.1	260	---	16
(Duplicate)	11-Sep-2007	3	< 1.4	330	610	3.6	< 1.3	290	< 1.6	---	1200	19	< 1.6	---	110	---	20	---	< 1.8	---	310	< 1.7	---	71	< 1.5	3.2	52	< 1.5	250	---	70	65	< 1.5	250	---	18
Brook Trout 11+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	< 1.3	1600	2700	14	1.8	1400	< 1.7	---	6600	81	< 1.8	---	460	---	89	---	3.6	---	1400	< 1.8	---	300	< 1.4	17	220	< 1.4	1400	---	430	320	< 1.4	1300	---	96
Brook Trout 12+	01-Sep-2007	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	2	< 2.3	2400	3800	21	2.9	2000	< 2.6	---	8600	120	< 2.7	---	600	---	110	---	< 2.9	---	2000	< 2.8	---	410	1500	21	320	< 2.5	1700	---	560	460	6.8	1700	---	130
Brook Trout Unknown	23-Jul-2008	3	< 0.70	220	430	2.9	< 0.70	160	< 0.70	---	870	18	1.1	---	49	---	9.2	---	< 0.60	---	140	< 0.80	---	32	< 0.80	1.5	27	< 0.80	120	---	37	32	1.4	120	---	10
(Replicate)	23-Jul-2008	3	< 0.40	98	190	1.6	1.2	62	< 0.40	---	360	8.3	0.78	---	17	---	4.1	---	< 0.40	---	36	< 0.50	---	12	< 0.40	0.57	10	< 0.40	42	---	17	12	0.54	49	---	3.9

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 145 (ng/kg)	PCB 146 (ng/kg)	PCB 147/149 (ng/kg)	PCB 148 (ng/kg)	PCB 150 (ng/kg)	PCB 151 (ng/kg)	PCB 152 (ng/kg)	PCB 153 (ng/kg)	PCB 153/168 (ng/kg)	PCB 154 (ng/kg)	PCB 155 (ng/kg)	PCB 156 (ng/kg)	PCB 156/157 (ng/kg)	PCB 156L/157L (%)	PCB 157 (ng/kg)	PCB 158 (ng/kg)	PCB 159 (ng/kg)	PCB 160 (ng/kg)	PCB 160/163 (ng/kg)	PCB 161 (ng/kg)	PCB 162 (ug/kg)	PCB 164 (ng/kg)	PCB 165 (ng/kg)	PCB 166 (ng/kg)	PCB 167 (ng/kg)	PCB 169 (ng/kg)	PCB 170 (ng/kg)	PCB 171 (ng/kg)	PCB 171/173 (ng/kg)	PCB 172 (ng/kg)	PCB 173 (ng/kg)	PCB 174 (ng/kg)	PCB 175 (ng/kg)	PCB 175/182 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																																				
(Replicate A)	23-Jul-2008	2	< 0.50	360	590	4.8	1.5	200	< 0.50	---	1400	32	0.98	---	77	---	15	---	0.47	---	180	< 0.50	---	45	< 0.50	2.7	43	< 0.50	190	---	59	51	1.9	190	---	16
(Replicate B)	23-Jul-2008	2	< 0.50	150	310	1.6	1.0	110	< 0.50	---	710	9.7	0.73	---	45	---	8.3	---	< 0.40	---	96	< 0.50	---	24	< 0.50	1.3	24	< 0.60	84	---	29	24	0.97	75	---	6.7
(Replicate C)	23-Jul-2008	2	< 0.70	180	220	1.5	< 0.70	150	< 0.80	---	770	8.4	0.85	---	47	---	10	---	< 0.70	---	74	< 0.80	---	33	< 0.70	1.3	26	< 0.70	110	---	29	32	1.1	120	---	8.9
	12-Oct-2022	1	---	---	---	---	---	---	---	3020	---	---	---	---	227	---	---	---	---	---	---	---	---	---	---	---	105	0.413	---	---	---	---	---	---	---	---
	12-Oct-2022	1	< 0.87	583	1420	12.0	5.70	---	< 0.90	---	3020	< 0.86	0.57	---	---	---	---	252	24.5	< 2.2	---	< 2.1	0.0126	---	4.0	---	---	---	541	---	161	129	---	408	30.1	---
	13-Sep-2023	1	---	---	---	---	---	---	---	2180	---	---	---	---	171	---	---	---	---	---	---	---	---	---	---	---	79.6	0.317	---	---	---	---	---	---	---	---
	13-Sep-2023	1	< 0.15 [#5]	403 [#5]	666 [#5]	7.84 [#5]	1.90 [#5]	---	0.62 [#5]	---	2180 [#5]	45.4 [#5]	0.575 [#5]	---	171 [#5]	---	---	131 [#5]	7.85 [#5]	< 0.77 [#5]	---	< 0.66 [#5]	0.00860 [#5]	---	3.50 [#5]	---	79.6 [#5]	0.317	326 [#5]	---	97.8 [#5]	94.4 [#5]	---	179 [#5]	19.7 [#5]	---
(Replicate)	13-Sep-2023	1	---	---	---	---	---	---	---	2000	---	---	---	---	142	---	---	---	---	---	---	---	---	---	---	---	67.5	< 0.38	---	---	---	---	---	---	---	---
(Replicate)	13-Sep-2023	1	< 0.29	392	606	6.27	1.20	---	0.48	---	2000	22.1	0.30	---	142	---	---	112	8.40	< 0.83	---	< 0.89	0.00765	---	4.00	---	67.5	0.380	268	---	61.4	82.7	---	175	11.7	---
(Replicate A)	14-Aug-2024	1	< 0.20	301	580	3.73	1.2	---	0.29	---	1940	19.9	0.48	---	169	---	---	125	6.89	< 0.33	---	< 0.34	0.0075	---	2.59	---	74.5	0.558	371	---	92.4	87.5	---	189	15.6	---
(Replicate B)	14-Aug-2024	1	0.49	575	1730	12.8	8.87	---	4.91	---	3370	62	0.91	---	280	---	---	249	16.4	< 0.35	---	< 0.36	0.012	---	6.3	---	121	0.59	577	---	182	132	---	484	31.5	---
(Replicate C)	14-Aug-2024	1	< 0.17	250	611	2.5	1.1	---	< 0.18	---	1660	14.3	0.39	---	126	---	---	108	5.49	< 0.26	---	< 0.30	0.00563	---	2.29	---	57.5	0.29	296	---	87.6	72.3	---	160	14.9	---
	24-Sep-2025	1	---	---	---	---	---	---	---	3290	---	---	---	186	---	---	44.7	---	---	---	---	---	---	---	---	---	103	<1.0	---	---	---	---	---	---	---	---
Brook Trout (Muscle only) 3+	01-Feb-2012	1	< 6.0	300	941	< 10	< 5.0	458	< 8.0	---	2860	10.6 [#1]	< 50	---	179	---	35.3	---	< 4.0	---	347	< 8.0	---	81.4	< 6.0	< 4.0	81.7	< 2.0	646	---	641	85.9	< 30	1940	---	50 [#1]
Brook Trout (Skin Only) 3+	01-Feb-2012	1	< 5.0	787	2210	< 10	< 5.0	1170	< 7.0	---	6280	26.2 [#1]	< 30	---	381	---	67.4	---	< 4.0	---	616	< 7.0	---	185	< 5.0	17.5 [#1]	180	< 2.0	1320	---	1220	222	< 20	4260	---	116 [#1]
Brook Trout (Stomach) 1+	01-Sep-2012	4	< 2.0	17.0	53.0	< 2.0	< 2.0	19.8	< 2.0	---	119	< 2.0	< 3.0	---	11.2	---	2.8	---	< 1.0	---	16.0	< 2.0	---	4.6	< 2.0	< 1.0	5.4	< 1.0	17.2	---	< 2.0	< 1.0	< 2.0	20.4	---	< 2.0
Brook Trout (Stomach) 2+	01-Sep-2012	4	< 4.0	22.2 [#1]	66.9	< 5.0	< 4.0	29.5 [#1]	< 4.0	---	362	< 4.0	< 20	---	53.0	---	7.7	---	< 2.0	---	36.7	< 4.0	---	4.5	< 4.0	< 2.0	31.9	< 2.0	77.5	---	< 10	< 3.0	< 20	< 10	---	< 10
Brook Trout (Stomach) 3+ (Replicate A)	01-Sep-2012	1	< 2.0	14.3 [#1]	30.8	< 2.0	< 2.0	15.7	< 2.0	---	95.2	< 2.0	< 2.0	---	9.7 [#1]	---	< 1.0	---	< 1.0	---	14.3	< 2.0	---	4.2	< 2.0	< 0.90	6.1	< 1.0	11.7	---	< 2.0	< 1.0	< 2.0	17.9	---	< 2.0
(Replicate B)	01-Sep-2012	1	< 4.0	90.8	168	< 5.0	< 4.0	85.2 [#1]	< 4.0	---	646	7.4	< 5.0	---	65.0	---	13.5 [#1]	---	< 2.0	---	105	< 4.0	---	21.5	< 4.0	< 2.0	32.6	< 2.0	123	---	66.3	33.1 [#1]	< 4.0	93.8	---	< 4.0
White Sucker 1+	01-Feb-2012	1	< 4.0	281	799	< 7.0	< 4.0	344	< 5.0	---	2870	< 5.0	< 30	---	248	---	50.4	---	< 3.0	---	353	< 6.0	---	83.8	< 4.0	< 3.0	133	< 2.0	919	---	912	107	< 30	1580	---	78 [#1]
	21-Sep-2014	2	< 0.0579	65.8	161	0.323	0.2	---	0.078 [#1]	---	439	---	< 0.0579	---	29.1	---	---	33.8	1.38 [#1]	---	---	< 0.422	0.00132 [#1]	15.1	< 0.484	---	13.6	< 0.401	80.3	---	27.1	20.4	---	36.7	4.22	---
White Sucker 2+	01-Feb-2012	1	< 3.0	33.0	62.6	< 4.0	< 3.0	23.9 [#1]	< 3.0	---	267	< 3.0	< 20	---	28.3	---	3.7 [#1]	---	< 2.0	---	52.9 [#1]	< 3.0	---	7.5 [#1]	< 3.0	< 2.0	15.0 [#1]	< 1.0	117	---	156	21.6	< 10	132	---	< 10
	22-Sep-2014	4	0.091 [#1]	112	242	0.492	0.372	---	< 0.0573	---	737	---	< 0.0573	---	54.7	---	---	64.4	2.79	---	---	< 0.166	0.00325	24.8	0.446	---	25.3	< 0.534	140	---	53.4	39.3	---	57.1	7.92	---
White Sucker 3+	01-Feb-2012	1	< 6.0	33 [#1]	146 [#1]	< 10	< 6.0	71 [#1]	< 10	---	394	< 7.0	< 60	---	23.5 [#1]	---	< 5.0	---	< 6.0	---	43.6	< 10	---	10.3	< 7.0	< 6.0	< 8.0	< 2.0	83.3	---	107 [#1]	< 10	< 40	292 [#1]	---	< 30
White Sucker 6+	01-Sep-2007	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	4	< 0.80	91	89	< 1.3	< 0.80	32	< 1.0	---	460	1.4	< 1.0	---	33	---	5.2	---	< 1.1	---	64	< 1.0	---	11	< 0.80	1.1	17	< 0.90	96	---	30	28	< 0.90	36	---	5.5
White Sucker 7+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	< 1.2	110	110	< 1.8	< 1.2	43	< 1.4	---	570	3.4	< 1.4	---	48	---	6.8	---	< 1.6	---	120	< 1.5	---	17	< 1.3	2.8	29	< 1.4	150	---	45	40	< 1.5	48	---	7.1
White Sucker 8+	01-Sep-2007	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	5	< 1.0	110	100	< 1.6	< 1.0	34	< 1.2	---	510	< 1.1	< 1.2	---	38	---	< 0.90	---	< 1.3	---	98	< 1.3	---	16	< 1.1	< 0.90	21	< 1.1	120	---	47	38	< 1.2	49	---	7.3
	11-Aug-2009	4	< 19	72	192	< 22	< 18	57	< 14	---	650	< 20	< 29	---	45.5	---	< 12	---	< 8.9	---	105	< 15	---	7.0	< 19	< 12	31	< 12	127	---	42	41	< 17	66	---	< 14
White Sucker 9+	01-Sep-2007	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	4	< 1.0	180	210	< 1.4	< 1.0	56	< 1.0	---	950	2.9	< 1.1	---	67	---	9.4	---	< 1.2	---	170	< 1.1	---	31	< 1.0	2.4	39	< 1.1	210	---	66	60	< 1.1	77	---	14
White Sucker 10+	11-Aug-2009	4	< 13	73	111	< 19	< 13	39	< 13	---	552	< 14	< 16	---	36.6	---	< 9.6	---	< 8.0	---	50.6	< 13	---	4.1 [#1]	< 13	< 9.7	25.3	< 8.2	68.1	---	< 11	28	< 11	48	---	< 9.8
CRL-1	27-Jun-2012	---	< 5.0	< 6.0	72.9	< 8.0	< 4.0	38.3	< 6.0	---	85.8	< 5.0	< 70	< 6.0	---	---	< 5.0	---	< 5.0	---	18.5	< 6.0	---	< 4.0	< 5.0	< 5.0	< 9.0	< 5.0	< 8.0	< 50	---	< 9.0	< 50	< 40	---	< 40
CRL-2	27-Jun-2012	---	< 3.0	8.6	115	< 4.0	< 3.0	43.1	< 3.0	---	82.0	< 3.0	< 40	17.5	---	---	< 3.0	---	< 3.0	---	27.4	< 3.0	---	8.9	< 3.0	< 3.0	< 4.0	< 3.0	33.2	60	---	< 3.0	< 20	228	---	< 20
CRL-3	26-Jun-2012	---	< 4.0	< 4.0	101	< 5.0	< 4.0	35.1	< 4.0	---	87.5	< 4.0	< 40	11.3	---	---	< 4.0	---	< 4.0	---	26.5	< 4.0	---	10.5	< 4.0	< 3.0	< 6.0	< 4.0	31.6	< 20	---	< 5.0	< 20	232	---	< 20
CRL-FB2	27-Jun-2012	---	< 10	< 10	< 10	< 20	< 10	< 20	< 10	---	< 20	< 10	< 200	< 10	---	---	< 10	---	< 10	---	< 10	< 10	---	< 10	< 10	< 10	< 20	< 10	< 20	< 200	---	< 20	< 200	< 200	---	< 200
Forage Fish	04-Nov-2014	---	0.177	147	351	0.368 [#1]	0.467	---	0.165 [#1]	---	855	---	0.328 [#1]	---	177	---	---	81.7	5.5	---	---	< 1.1	0.00658	46.4	< 1.27	---	74.7	< 0.861	383	---	72.9	86.2	---	132	5.04	---
Invertebrates	22-Aug-2014	---	0.433 [#1]	779	1630	1.29 [#1]	1.05 [#1]	---	0.491 [#1]	---	4710	---	0.49 [#1]	---	638	---	---	338	31.5	---	---	< 3.19	0.0208	200	< 3.69	---	268	< 4.25	716	---	121	321	---	694	18.9	---
Edith Lake																																				
Brook Trout 1+	11-Aug-2009	7	< 4.2	21.1	54.7	< 6.7	< 4.0	17.1	< 4.4	---	128	< 4.4	< 9.5	---	10.9	---	3.6	---	< 2.8	---	25.7	< 4.6	---	2.62	< 4.1	< 2.4	4.5	< 2.6	18.4	---	14.1	< 3.1	< 7.4	39.6	---	< 6.4
	01-Sep-2011	4	< 2.0	106	250	< 3.0	< 2.0	81.7	< 2.0	---	540	17.9	< 2.0	---	15.7 [#1]	---	4.8 [#1]	---	< 2.0	---	75.7	< 3.0	---	16.9	105	< 2.0	11.4 [#1]	< 1.0	65.5	---	20.1	15.5	< 2.0	69.4	---	6.4 [#1]
(Duplicate)	01-Sep-2011	4	< 6.0	152	425	< 7.0	< 5.0	118	< 5.0	---	873	26.4	< 10	---	38.0	---	11.1	---	< 4.0	---	158	< 6.0	---	23.2	135	< 4.0	18.2 [#1]	< 3.0	95.3	---	68.7	19.0	< 9.0	176	---	< 8.0
	01-Sep-2012	3	< 1.0	157	396	5.7	3.0 [#1]	112	< 1.0	---	862	24.8	< 2.0	---	52.3	---	12.5	---	< 0.70	---	145	< 1.0	---	33.6	< 1.0	2.52	26.6	< 0.70	109	---	50.2	29.6	< 1.0	122	---	12.1 [#1]

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 145 (ng/kg)	PCB 146 (ng/kg)	PCB 147/149 (ng/kg)	PCB 148 (ng/kg)	PCB 150 (ng/kg)	PCB 151 (ng/kg)	PCB 152 (ng/kg)	PCB 153 (ng/kg)	PCB 153/168 (ng/kg)	PCB 154 (ng/kg)	PCB 155 (ng/kg)	PCB 156 (ng/kg)	PCB 156/157 (ng/kg)	PCB 156L/157L (%)	PCB 157 (ng/kg)	PCB 158 (ng/kg)	PCB 159 (ng/kg)	PCB 160 (ng/kg)	PCB 160/163 (ng/kg)	PCB 161 (ng/kg)	PCB 162 (ug/kg)	PCB 164 (ng/kg)	PCB 165 (ng/kg)	PCB 166 (ng/kg)	PCB 167 (ng/kg)	PCB 169 (ng/kg)	PCB 170 (ng/kg)	PCB 171 (ng/kg)	PCB 171/173 (ng/kg)	PCB 172 (ng/kg)	PCB 173 (ng/kg)	PCB 174 (ng/kg)	PCB 175 (ng/kg)	PCB 175/182 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - Continued																																				
	22-Sep-2015	3	0.135 #1	354	1100	8.64	6.68	---	0.666 #1	---	1720	---	2.2	---	86.9	1000000000	---	105	11.3	---	---	< 1.18	0.00528	80.8	3.12	---	41.8	< 1.49	205	---	74.5	52.4	---	225	15	---
	30-Aug-2016	2	0.055 #1	252	613	5.96	4.76	---	0.307	---	943	---	1.66	---	33.7	---	9.4	42.8	< 0.901	---	---	< 0.829	0.00312	32.3	2.42 #1	---	22.7	0.236	122	---	40.9	30	---	107	7.23	---
	13-Sep-2017	3	< 0.135	244	699	8.76	6.57	---	0.509 #1	---	1040	---	2.3	---	53.5	---	---	52.5	4.98	---	---	< 0.484	0.00558	41.7	3.76	---	27	< 0.493	146	---	51.2	37.6	---	136	9.9	---
	30-Aug-2018	3	< 0.0865	164	413	4.12	3.25	---	0.226 #1	---	660	---	1.67 #1	---	26.6	---	7.33	32.7	4.35	---	---	< 0.191	0.00283	25.1	2.12	---	17.7	0.236	92.8	---	30.2	24.7	---	77.9	5.46	---
	06-Sep-2019	4	< 0.058	178	445	5.2	3.93	---	0.242	---	755	---	1.87	---	36.9	---	---	36.1	4.98	---	---	< 0.521	0.00335	29.5	2.8	---	18.4	< 0.571	88.6	---	33.8	24.4	---	84.9	6.48	---
(Replicate B)	06-Sep-2019	4	< 0.0564	221	539	6.33	4.01	---	0.245	---	975	---	2.58	---	44.1	---	---	44.6	6.95	---	---	< 0.604	0.00371	35.8	3.49	---	22	< 0.631	119	---	43.1	32.8	---	105	8.32	---
	26-Aug-2020	7	< 0.0579	137	322	4.35	2.87	---	0.217 #1	---	613	---	1.56	23.2	---	44.7	7.23	30.1	5.26	---	---	< 0.296	0.00219	25.1	1.95	---	15.5	0.16	81.5	---	29.6	21	---	71.7	5.64	---
	30-Sep-2021	8	---	---	---	---	---	---	---	184	---	---	---	---	10.3	---	---	---	---	---	---	---	---	---	---	---	---	5.30	0.133	---	---	---	---	---	---	---
	30-Sep-2021	8	< 0.089	37.7	93.9	0.79	0.605	---	< 0.10	---	184	< 0.091	0.484	---	---	---	---	9.12	0.71	< 0.18	---	< 0.17	0.00072	---	0.53	---	---	---	25.7	---	6.94	5.59	---	17.2	1.50	---
	13-Oct-2022	2	---	---	---	---	---	---	---	200	---	---	---	---	10.5	---	---	---	---	---	---	---	---	---	---	---	6.34	0.168	---	---	---	---	---	---	---	---
	13-Oct-2022	2	< 0.33	35.9	59.9	0.84	< 0.31	---	< 0.34	---	200	< 0.33	0.38	---	---	---	---	9.90	< 0.79	< 0.80	---	< 0.76	0.00097	---	< 0.86	---	---	---	39.9	---	8.11	11.3	---	2.10	1.80	---
	14-Sep-2023	2	---	---	---	---	---	---	---	234	---	---	---	---	11.7	---	---	---	---	---	---	---	---	---	---	---	6.67	< 0.17	---	---	---	---	---	---	---	---
	14-Sep-2023	2	< 0.25	50.3	97.0	1.90	1.00	---	< 0.24	---	234	10.7	0.87	---	11.7	---	---	8.91	0.83	< 0.60	---	< 0.51	0.00129	---	0.75	---	6.67	0.170	27.5	---	10.1	9.00	---	19.5	2.40	---
	15-Aug-2024	5	< 0.12	37.2	115	0.54	0.33	---	< 0.12	---	277	2.81	0.85	---	18.1	---	---	11.3	0.71	< 0.13	---	< 0.13	0.00110	---	0.38	---	8.71	0.191	30.4	---	8.72	< 0.27	---	20.8	1.70	---
Brook Trout 2+	11-Aug-2009	4	< 4.9	29.5	66.0	< 7.2	< 4.6	20.8	< 4.8	---	168	< 5.1	< 7.7	---	12.1	---	4.2	---	< 3.0	---	35.3	< 5.0	---	2.7	< 4.8	< 2.8	8.7	< 3.0	29.7	---	16.8	9.6 #1	< 5.6	41.3	---	< 4.8
	11-Aug-2010	5	< 1.4	312	777	2.7	< 1.3	214	< 1.0	---	1890	17.7	< 2.1	---	152	---	31.1	---	< 1.5	---	420	< 1.4	---	97.6	< 2.0	5.2	82.4	< 1.3	328	---	137	150	< 2.2	481	---	28.8
	01-Sep-2011	4	< 3.0	565	1470	5.8 #1	< 3.0	631	< 3.0	---	3460	40.2 #1	< 3.0	---	140	---	27.9	---	< 2.0	---	412	< 4.0	---	111	549	6.7 #1	68.9	< 2.0	403	---	114	105 #1	< 2.0	415	---	29.9
	01-Sep-2012	3	< 1.0	328	977	4.0	< 1.0	380	< 1.0	---	2190	26.7	< 2.0	---	134	---	28.4	---	< 0.70	---	318	< 1.0	---	87.7	< 1.0	5.52	74.2	< 0.70	246	---	97.1	64.7	3.0 #1	371	---	22.4
	01-Sep-2013	3	< 0.069	1310	2420	21.2	4.32	---	1.07	---	5070	---	1.3	---	319	---	---	302	29.6	---	---	< 1.37	0.0155	250	4.71	---	144	< 2.28	438	---	98.9	151	---	593	21.7	---
	21-Sep-2014	4	< 0.114	502	1140	5.85	1.34 #1	---	0.405 #1	---	2480	---	0.355	---	180	---	---	204	14.2	---	---	< 0.603	0.00925	118	1.53 #1	---	81.9	< 0.964	350	---	150	151	---	529	24.3	---
(Replicate A)	21-Sep-2014	1	0.146 #1	336	935	4.83	1.81 #1	---	0.271	---	1770	---	0.561	---	149	---	---	163	9.95	---	---	< 0.628	0.00695	88.7	1.59	---	61	< 0.971	270	---	111	86.3	---	330	19.3	---
(Replicate B)	21-Sep-2014	1	< 0.0579	79.8	176	1.19	0.414	---	0.105 #1	---	392	---	0.367 #1	---	26.4	---	---	27.7	1.81 #1	---	---	< 0.13	0.00167	17	0.447	---	13.1	< 0.379	57.8	---	22.1	21.4	---	65.4	4.07	---
	22-Sep-2015	1	< 0.13	40.8	79.4	0.44	< 0.121	---	< 0.118	---	231	---	0.177 #1	---	12.4	1000000000	---	12.3	1.34	---	---	< 0.354	0.000751 #1	6.93	< 0.4	---	6.56	< 0.367	26.3	---	7.25	7.92	---	23.7	1.52	---
	30-Aug-2016	2	0.194	421	1050	6.29	2.06	---	0.49 #1	---	2010	---	0.508	---	127	---	25.6	134	< 1.11	---	---	< 1.03	0.00683	80.7	1.41	---	68.7	0.263 #1	256	---	63.6	71.3	---	235	11.2	---
	13-Sep-2017	3	< 0.108	131	303	2.9	0.943	---	< 0.1	---	654	---	0.74	---	32.7	---	---	33.9	2.71	---	---	< 0.337	0.00209	18	1.35	---	17.2	< 0.347	99.1	---	31	26.9	---	66.5	5.68	---
	30-Aug-2018	3	< 0.0772	163	284	3.04	1.88	---	0.14 #1	---	623	---	0.981	---	24.5	---	6.84	31.7	3.62	---	---	< 0.143	0.00182 #1	21.1	1.43 #1	---	16.5	0.264 #1	79	---	29.8	25.5	---	72.9	5.02	---
(Replicate A)	06-Sep-2019	4	< 0.0577	83.6	160	1.53	0.731	---	0.065	---	400	---	0.584	---	18.6	---	---	20.6	3.37	---	---	< 0.302	0.00155	13.6	0.805	---	9.79	< 0.299	66.7	---	21.3	16.5	---	48.8	3.82	---
(Replicate B)	06-Sep-2019	4	< 0.0567	109	251	2.11	1.11	---	0.141	---	517	---	0.64	---	26.9	---	---	30	4.93	---	---	< 0.758	0.00217	21.2	< 0.88	---	13.6	< 0.882	73.4	---	23	18.9	---	62.5	4.39	---
	26-Aug-2020	2	< 0.058	176	285	4.51	2.56	---	0.173 #1	---	823	---	1.51	30.5	---	46.1	8.87	39.2	5.9	---	---	< 0.428	0.00249	28.5	2.56	---	20.2	0.3	112	---	35.6	30	---	85.6	7.41	---
	30-Sep-2021	10	---	---	---	---	---	---	---	223	---	---	---	---	12.9	---	---	---	---	---	---	---	---	---	---	---	7.60	0.166	---	---	---	---	---	---	---	---
	30-Sep-2021	10	< 0.071	41.1	109	1.01	0.410	---	< 0.080	---	223	< 0.073	0.170	---	---	---	---	11.2	1.04	< 0.18	---	< 0.16	0.00064	---	0.56	---	---	---	33.0	---	8.95	8.18	---	25.3	1.83	---
	13-Oct-2022	8	---	---	---	---	---	---	---	1410	---	---	---	---	99.5	---	---	---	---	---	---	---	---	---	---	---	58.6	0.884	---	---	---	---	---	---	---	---
	13-Oct-2022	8	< 0.13	273	673	3.78	0.81	---	0.51	---	1410	< 0.13	0.390	---	---	---	---	99.1	8.38	< 0.37	---	< 0.33	0.00654	---	2.15	---	---	---	197	---	40.2	48.1	---	158	8.79	---
	14-Sep-2023	3	---	---	---	---	---	---	---	541	---	---	---	---	34.4	---	---	---	---	---	---	---	---	---	---	---	20.1	0.175	---	---	---	---	---	---	---	---
	14-Sep-2023	3	< 0.21	119	128	2.13	< 0.20	---	< 0.20	---	541	5.08	< 0.15	---	34.4	---	---	20.9	1.70	< 0.40	---	< 0.34	0.00234	---	1.01	---	20.1	0.175	57.4	---	8.49	30.2	---	45.5	2.50	---
	15-Aug-2024	6	< 0.14	92.4	223	1.06	0.25	---	< 0.15	---	656	4.42	0.26	---	42.0	---	---	36.6	2.60	< 0.20	---	< 0.23	0.00264	---	0.85	---	27.2	0.443	72.6	---	15.2	22.5	---	53.1	3.69	---
Brook Trout 3+	11-Aug-2010	3	< 1.3	420	983	4.4	< 1.3	271	< 0.90	---	2290	25.8	< 1.9	---	147	---	32.5	---	< 1.4	---	464	< 1.3	---	125	< 1.9	4.3	86.8	< 1.2	350	---	138	146	< 2.2	567	---	31.4 #1
	01-Sep-2011	3	< 5.0	572	1250	< 7.0	< 6.0	565	< 6.0	---	2730	25.5	< 4.0	---	137	---	32.3	---	< 4.0	---	459	< 6.0	---	92.3	472	8.8 #1	63.8 #1	< 4.0	273	---	94.0 #1	62.9	< 4.0	390	---	22.4
	01-Sep-2012	5	< 2.0	431	1330	5.8	< 1.0	521	< 1.0	---	2760	41.0	< 2.0	---	177	---	35.0	---	< 0.80	---	443	< 1.0	---	123	< 2.0	7.04	93.1	< 0.80	346	---	138	94.6	4.4 #1	504	---	32.2 #1
(Replicate A)	01-Sep-2013	3	0.328	1130	2840	9.14	2.69	---	0.81	---	6050	---	0.522	---	375	---	---	454	35.2	---	---	< 1.42	0.0171	249	2.9	---	181	< 2.46	587	---	187	177	---	663	34.9	---
(Replicate B)	01-Sep-2013	3	< 0.0791	1050	2180	9.88	1.37	---	0.488 #1	---	4750	---	0.299	---	340	---	---	344	31.4	---	---	< 0.884	0.0194	241	2.75	---	173	< 3.12	508	---	114	168	---	587	24.6	---
(Duplicate)	01-Sep-2013	3	0.184	1040	2540	8.94	2.37	---	0.74 #1	---	5350	---	0.51	---	334	---	---	397	28.2	---	---	< 1.01	0.0153	229	2.65	---	161	< 2.62	515	---	160	155	---	571	30.1	---
(Known (External Reference Material) Duplicate)	01-Sep-2013	3	< 3.0	1050	2090	11.0	< 3.0	917	< 4.0	---	5860	44.4	< 5.0	---	374	---	90.8	---	< 3.0	---	884	< 4.0	---	180	< 4.0	15.8	218	< 3.0	520	---	204	144	< 4.0	749	---	39.7
	21-Sep-2014	4	0.16 #1	815	1930	11.1	2.19	---	0.539	---	3940	---	0.297	---	261	---	---	291	20.4	---	---	< 1.08	0.0143	192	2.52	---	120	< 1.83	410	---	104	121	---	465	20.1	---
(Replicate A)	21-Sep-2014	1	0.259 #1	307	1060	4.42	2.34	---	0.587 #1	---	1820	---	0.506	---	159	---	---	173	10.1	---	---	< 0.394	0.00764	88.8	1.69	---	62.3	< 1.07	262	---	76.1	64.8	---	236	13.9	---
(Replicate B)	21-Sep-2014	1	< 0.0761	519	1170	7.98	2.21 #1	---	0.118 #1	---	2760	---	0.769 #1	---	179	---	---	189	14.8	---	---	< 0.623	0.00991	119	2.69	---	87.9	< 1.36	335	---	86.1	96.5	---	339	15.2	---
	22-Sep-2015	3	0.25	390	1140	3.54	1.62	---	0.514	---	2040	---	0.271	---	135	1000000000	---	163	11.6	---	---	< 2.12	0.00379	96.5	< 2.52	---	59.6	< 2.48	228	---	76.2	59.5	---	225	13.5	---
(Duplicate)	22-Sep-2015	3	< 0.107	370	1060	3.6	1.71	---	0.395	---	1940	---	0.294	---	130	1000000000	---	157	11.7	---	---	< 1.28	0.00497	91.4	< 1.53	---	58.6	< 2.16	223	---	73.0	55.6	---	217	14	---
	30-Aug-2016	1	< 0.0576	433	1020	3.59	1.17	---	0.264 #1	---	2050	---	0.205	---	144	---	29.8	131	1.67	---	---	< 1.16	0.00662	84.6	< 1.4	---	74	0.446	229	---	54.4	65.4	---	229	9.47	---
	13-Sep-2017	3	< 0.0797	183	453	1.88	0.694 #1	---	0.105 #1	---	1050	---	0.301 #1	---	79.4	---	---	75.1	4.87	---	---	< 0.255	0.00321	37.3	0.881	---	35.7	< 0.509	128	---	33.9	34.2	---	114	7.23	---
(Duplicate)	13-Sep-2017	3	< 0.0772	167	410	1.62	0.441	---	0.111 #1	---	944	---	0.254 #1	---	71.4	---	---	68.5	4.16	---	---	< 0.301	0.00339	34.4	0.661	---	33.7	< 0.519	120	---	31.5	33.6	---	108	6.47	---

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 145 (ng/kg)	PCB 146 (ng/kg)	PCB 147/149 (ng/kg)	PCB 148 (ng/kg)	PCB 150 (ng/kg)	PCB 151 (ng/kg)	PCB 152 (ng/kg)	PCB 153 (ng/kg)	PCB 153/168 (ng/kg)	PCB 154 (ng/kg)	PCB 155 (ng/kg)	PCB 156 (ng/kg)	PCB 156/157 (ng/kg)	PCB 156L/157L (%)	PCB 157 (ng/kg)	PCB 158 (ng/kg)	PCB 159 (ng/kg)	PCB 160 (ng/kg)	PCB 160/163 (ng/kg)	PCB 161 (ng/kg)	PCB 162 (ug/kg)	PCB 164 (ng/kg)	PCB 165 (ng/kg)	PCB 166 (ng/kg)	PCB 167 (ng/kg)	PCB 169 (ng/kg)	PCB 170 (ng/kg)	PCB 171 (ng/kg)	PCB 171/173 (ng/kg)	PCB 172 (ng/kg)	PCB 173 (ng/kg)	PCB 174 (ng/kg)	PCB 175 (ng/kg)	PCB 175/182 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - Continued																																				
	30-Aug-2018	3	< 0.0491	120	207	1.55 #1	0.716 #1	---	0.089 #1	---	668	---	0.524	---	27.6	---	6.79	36	2.49	---	---	< 0.0816	0.0015 #1	16.3	1.03 #1	---	17.4	0.382	94.4	---	25.9	19.6	---	47.2	4.32 #1	---
	06-Sep-2019	4	< 0.0497	125	234	1.57	0.94	---	0.097	---	614	---	0.66	---	42.6	---	---	31.3	< 0.296	---	---	< 0.285	0.00247	22.6	0.877	---	21.2	< 0.929	94.3	---	25.3	29.2	---	72.2	4.69	---
(Duplicate)	06-Sep-2019	4	< 0.0575	132	260	1.93	1.01	---	0.114	---	657	---	0.588	---	46.9	---	---	35.3	5.11	---	---	< 0.437	0.00266	24.1	1.06	---	22.5	< 0.477	104	---	25.4	27.6	---	75.8	5.4	---
	26-Aug-2020	5	< 0.0573	98.6	227	1.7	0.85	---	0.169 #1	---	520	---	0.341	23.8	---	44	6.05	31.1	4.38	---	---	< 0.302	0.00148	20.5	0.835	---	15.2	0.272	73.8	---	21.4	19.7	---	64.7	4.65	---
(Duplicate)	26-Aug-2020	5	< 0.058	149	307	4.15	2.26	---	0.136 #1	---	728	---	1.45	26	---	42.9	7.49	33.5	5.51	---	---	< 0.197	0.00208	24.6	2.41	---	17.1	0.239 #1	97.1	---	31.2	25.5	---	76.1	6.56	---
	30-Sep-2021	3	---	---	---	---	---	---	---	349	---	---	---	---	23.0	---	---	---	---	---	---	---	---	---	---	---	---	< 12	< 0.27	---	---	---	---	---	---	---	---
	30-Sep-2021	3	< 0.24 #4	60.6 #4	165 #4	1.32 #4	0.52 #4	---	< 0.24 #4	---	349 #4	< 0.23 #4	0.23 #4	---	---	---	---	23.0 #4	2.00 #4	< 0.39 #4	---	< 0.37 #4	0.00087 #4	---	0.68 #4	---	---	---	51.4 #4	---	16.3 #4	14.0 #4	---	45.9 #4	2.60 #4	---
	13-Oct-2022	8	---	---	---	---	---	---	---	438	---	---	---	---	28.1	---	---	---	---	---	---	---	---	---	---	---	---	15.3	0.250	---	---	---	---	---	---	---
	13-Oct-2022	8	< 0.11	87.4	190	1.71	0.42	---	< 0.13	---	438	< 0.12	0.250	---	---	---	---	26.0	2.37	< 0.28	---	< 0.25	0.00138	---	0.76	---	---	---	65.3	---	14.6	17.1	---	50.2	2.98	---
	14-Sep-2023	5	---	---	---	---	---	---	---	643	---	---	---	---	42.5	---	---	---	---	---	---	---	---	---	---	---	---	22.7	< 0.44	---	---	---	---	---	---	---
	14-Sep-2023	5	< 0.46	137	216	2.41	< 0.44	---	< 0.44	---	643	7.30	< 0.32	---	42.5	---	---	31.8	2.40	< 1.1	---	< 0.91	0.00336	---	1.4	---	22.7	0.440	68.4	---	13.8	26.0	---	56.5	2.70	---
(Duplicate)	14-Sep-2023	5	---	---	---	---	---	---	---	721	---	---	---	---	46.5	---	---	---	---	---	---	---	---	---	---	---	---	25.8	< 0.51	---	---	---	---	---	---	---
(Duplicate)	14-Sep-2023	5	< 0.43	146	238	1.80	< 0.41	---	< 0.41	---	721	10.4	< 0.30	---	46.5	---	---	34.0	3.10	< 0.97	---	< 0.83	0.00350	---	< 0.94	---	25.8	0.510	78.6	---	18.6	28.2	---	71.8	5.20	---
	15-Aug-2024	2	< 0.19	62.5	138	0.91	0.24	---	0.23	---	443	2.70	< 0.17	---	23.2	---	---	18.9	1.60	< 0.31	---	< 0.35	0.00151	---	0.66	---	13.9	0.337	44.3	---	9.29	14.6	---	36.8	2.05	---
Brook Trout 4+	04-Oct-2006	5	< 0.20	2300	4100	10	1.8	2100	< 0.20	---	10000	110	1.1	---	500	---	71	---	< 0.20	---	1200	< 0.30	---	270	< 0.20	9.4	250	< 0.20	1100	---	150	270	2.9	680	---	32
	01-Sep-2011	2	< 4.0	1380	4210	14.4 #1	4.3 #1	1620	< 4.0	---	9510	116	< 3.0	---	330	---	71.5 #1	---	< 3.0	---	1150	< 5.0	---	290	1370	21.0 #1	202	< 2.0	884	---	269	262	8.8 #1	1030	---	57.3
	01-Sep-2013	2	0.249	1220	3170	8.38	2.14	---	1.04	---	6220	---	0.273	---	470	---	---	500	40.1	---	---	< 1.7	0.0202	308	2.31	---	202	< 3.1	755	---	193	225	---	827	36.3	---
	21-Sep-2014	1	< 0.0556	1040	2760	17.5	2.7	---	0.659	---	5440	---	0.814	---	314	---	---	399	27.5	---	---	< 1.3	0.0173	254	2.53	---	154	< 2.4	579	---	180	167	---	696	34.9	---
(Replicate B)	22-Sep-2015	1	0.19 #1	869	2090	7.97	2.91	---	0.557	---	4170	---	0.329	---	292	1000000000	---	319	26.1	---	---	< 2.3	0.0107	191	< 2.74	---	132	< 4.76	450	---	136	130	---	473	25	---
(Replicate A)	23-Sep-2015	1	0.088	703	1330	11.1	1.88	---	0.569 #1	---	2740	---	0.357 #1	---	174	1000000000	---	168	15.8	---	---	< 1.56	0.00784	114	2.09	---	76.1	< 2.29	325	---	76.4	86.6	---	317	14.4	---
	30-Aug-2016	1	< 0.057	422	991	5.1	1.42	---	0.304 #1	---	2150	---	0.166	---	138	---	29.6	125	< 1.27	---	---	< 1.17	0.00662	83.7	< 1.41	---	75.1	0.531 #1	253	---	57.3	69.7	---	254	10.2	---
	13-Sep-2017	1	< 0.0707	174	515	1.65	0.455 #1	---	0.1 #1	---	962	---	0.153 #1	---	86	---	---	79	5.22	---	---	< 0.27	0.00307	45.2	0.601	---	36.1	< 0.573	130	---	30.3	39.6	---	140	6.28	---
	30-Aug-2018	1	< 0.0484	207	390	2.34	0.728	---	0.114 #1	---	1000	---	0.621	---	46.1	---	10.2	66.1	4.26	---	---	< 0.181	0.00285 #1	34.9	0.935	---	27	0.318 #1	110	---	34.5	31	---	88.5	6.54	---
	26-Aug-2020	2	< 0.0576	86.3	181	1.72	0.747	---	0.188 #1	---	470	---	0.343	20.9	---	43	5.81	26.1	3.66	---	---	< 0.24	0.00147	16.7	0.748 #1	---	14	0.283	55.6	---	16.7	15	---	48.7	3.7	---
	14-Sep-2023	5	---	---	---	---	---	---	---	505	---	---	---	---	34.4	---	---	---	---	---	---	---	---	---	---	---	18.4	0.342	---	---	---	---	---	---	---	---
	14-Sep-2023	5	< 0.41	88.6	157	1.33	< 0.39	---	< 0.39	---	505	6.30	< 0.29	---	34.4	---	---	24.4	1.80	< 0.69	---	< 0.59	0.00230	---	< 0.67	---	18.4	0.342	57.1	---	12.6	20.7	---	45.8	2.60	---
	15-Aug-2024	1	< 0.13	45.6	109	0.42	< 0.12	---	< 0.14	---	337	1.70	< 0.11	---	18.3	---	---	16.1	1.10	< 0.16	---	< 0.18	0.00085	---	0.49	---	10.8	0.415	29.4	---	7.34	9.35	---	27.0	1.67	---
Brook Trout 5+	04-Oct-2006	4	< 0.10	730	1100	< 0.30	< 0.10	640	< 0.20	---	3100	21	0.80	---	130	---	16	---	< 0.20	---	340	< 0.30	---	68	< 0.20	< 0.10	63	< 0.10	260	---	34	60	< 0.10	180	---	< 0.10
	01-Sep-2011	2	< 3.0	616	1480	7.3	< 3.0	667	< 3.0	---	3560	50.0	< 3.0	---	171	---	38.8	---	< 2.0	---	638	< 3.0	---	131	661	8.7 #1	98.7	< 2.0	425	---	159	137	< 2.0	548	---	35.4
	01-Sep-2013	1	< 0.206	689	1770	5.9	0.97	---	0.538	---	3390	---	< 0.218	---	225	---	---	272	21.7	---	---	< 2.83	0.0122	185	< 3.18	---	106	< 2.98	335	---	99.5	112	---	458	17.8	---
	21-Sep-2014	1	< 0.059	841	2010	10.7	2.11 #1	---	0.461	---	4100	---	0.283 #1	---	274	---	---	333	20.9	---	---	< 1.25	0.0127	189	2.11	---	119	< 1.67	510	---	159	140	---	533	26.7	---
	30-Aug-2016	1	< 0.0574	1970 #3	4630	25.7	4.37	---	0.745	---	10700	---	0.419	---	536	---	121	722	13.9	---	---	< 3.17	0.0682	432	4.41 #1	---	323	1.94	1180	---	298	321	---	1100	54.6	---
(Duplicate)	30-Aug-2016	1	< 0.064	1930	4890	27	4.33	---	0.78	---	11000	---	0.396	---	542	---	123	742	14.7	---	---	< 1.39	0.0709	437	5.62	---	324	1.74	1200	---	310	323	---	1100	57.7	---
	30-Sep-2021	1	---	---	---	---	---	---	---	549	---	---	---	---	32.6	---	---	---	---	---	---	---	---	---	---	---	19.4	0.612	---	---	---	---	---	---	---	---
	30-Sep-2021	1	< 0.064	100	202	1.40	0.530	---	0.110	---	549	< 0.065	0.320	---	---	---	---	28.4	2.00	< 0.26	---	< 0.23	0.00170	---	1.00	---	---	---	85.5	---	16.6	20.8	---	6.14	3.65	---
	15-Aug-2024	1	< 0.14	189	376	2.66	0.56	---	0.36	---	1070	7.48	0.22	---	71.3	---	---	46.2	4.04	< 0.23	---	< 0.26	0.00377	---	1.94	---	37.0	0.824	109	---	20.7	37.3	---	108	4.82	---
Brook Trout 6+	14-Sep-2023	3	---	---	---	---	---	---	---	641	---	---	---	---	37.8	---	---	---	---	---	---	---	---	---	---	---	22.6	0.692	---	---	---	---	---	---	---	---
	14-Sep-2023	3	< 0.17	103	215	1.40	< 0.16	---	0.32	---	641	7.79	< 0.10	---	37.8	---	---	33.5	2.62	< 0.50	---	< 0.42	0.00307	---	0.79	---	22.6	0.692	88.2	---	23.9	30.0	---	76.7	5.24	---
Brook Trout 11+	01-Sep-2007	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	2	< 1.1	430	460	3.7	< 1.1	310	< 1.2	---	1300	14	< 1.3	---	86	---	16	---	< 1.4	---	370	< 1.3	---	66	< 1.2	2.2	47	< 1.2	150	---	24	62	< 1.3	200	---	7.5
Brook Trout 12+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	< 1.1	250	310	< 1.6	< 1.1	180	< 1.2	---	890	11	< 1.2	---	68	---	12	---	< 1.3	---	230	< 1.3	---	44	< 1.2	1.5	37	< 1.2	110	---	21	46	< 1.1	130	---	4.7
Brook Trout Unknown	23-Jul-2008	2	< 0.40	120	250	2.5	2.0	69	< 0.40	---	460	13	1.4	---	27	---	8.3	---	< 0.40	---	67	< 0.40	---	16	< 0.40	0.92	12	< 0.40	40	---	17	12	0.59	45	---	4.3
(Replicate A)	23-Jul-2008	2	< 0.40	110	160	2.5	1.4	68	< 0.50	---	310	9.4	0.92	---	14	---	3.7	---	< 0.50	---	43	< 0.60	---	11	< 0.40	0.53	9.0	< 0.40	37	---	17	11	0.62	49	---	4.2
(Replicate B)	23-Jul-2008	2	< 0.40	100	190	1.1	0.86	68	< 0.40	---	410	7.5	0.69	---	17	---	4.3	---	< 0.40	---	62	< 0.50	---	13	< 0.40	0.80	11	< 0.40	36	---	13	9.9	< 0.30	39	---	3.2
(Replicate C)	23-Jul-2008	2	< 0.30	86	150	1.8	1.5	51	< 0.40	---	290	7.9	1.0	---	12	---	3.4	---	< 0.30	---	36	< 0.40	---	10	< 0.40	0.50	7.6	< 0.40	30	---	12	8.4	0.47	36	---	3.4
Brook Trout (Stomach) 1+	01-Sep-2012	3	< 4.0	17.3	56.6 #1	< 5.0	< 4.0	13.8 #1	< 3.0	---	114	< 4.0	< 5.0	---	12.4	---	< 2.0	---	< 2.0	---	23.0 #1	< 3.0	---	6.5	< 4.0	< 2.0	< 2.0	< 2.0	17.6 #1	---	< 2.0	< 2.0	< 2.0	21.5 #1	---	< 2.0
Brook Trout (Stomach) 2+	01-Sep-2012	3	< 0.30	3.06	10.1	< 0.40	< 0.30	4.08	< 0.30	---	19.4	< 0.30	< 0.40	---	1.78 #1	---	0.70	---	< 0.20	---	4.75	< 0.30	---	1.11	< 0.30	< 0.20	1.12 #1	< 0.20	2.43	---	0.94	0.86 #1	< 0.20	3.46	---	< 0.20
Brook Trout (Stomach) 3+	01-Sep-2012	5	2.2	4690	11400	56.7	16.5	6470	9.0 #1	---	23200	310	< 1.0	---	2400	---	498	---	6.85	---	5380	< 1.0	---	1680	< 1.0	115	1150	2.84 #1	2750	---	558	946	37.0	4250	---	185

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 145 (ng/kg)	PCB 146 (ng/kg)	PCB 147/149 (ng/kg)	PCB 148 (ng/kg)	PCB 150 (ng/kg)	PCB 151 (ng/kg)	PCB 152 (ng/kg)	PCB 153 (ng/kg)	PCB 153/168 (ng/kg)	PCB 154 (ng/kg)	PCB 155 (ng/kg)	PCB 156 (ng/kg)	PCB 156/157 (ng/kg)	PCB 156L/157L (%)	PCB 157 (ng/kg)	PCB 158 (ng/kg)	PCB 159 (ng/kg)	PCB 160 (ng/kg)	PCB 160/163 (ng/kg)	PCB 161 (ng/kg)	PCB 162 (ug/kg)	PCB 164 (ng/kg)	PCB 165 (ng/kg)	PCB 166 (ng/kg)	PCB 167 (ng/kg)	PCB 169 (ng/kg)	PCB 170 (ng/kg)	PCB 171 (ng/kg)	PCB 171/173 (ng/kg)	PCB 172 (ng/kg)	PCB 173 (ng/kg)	PCB 174 (ng/kg)	PCB 175 (ng/kg)	PCB 175/182 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - Continued																																				
(Re-analysis)	01-Sep-2012	5	< 4.0 [#1]	4350	21200	31.7	17.9	9010	12.9	---	33200	148	< 30	---	4700	---	996	---	4.8	---	9320	< 3.0	---	2980	< 4.0	196	2250	7.8	6240	---	3730	1230	241	26000	---	454
Certified Reference Materials																																				
CRM 918-050	23-Jul-2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
WMF-01-CRM	04-Oct-2006	---	< 0.70	83000	93000	450	68	39000	< 0.90	---	240000	2600	520	---	16000	---	3800	---	240	---	42000	< 1.3	---	5600	< 0.90	< 0.50	11000	---	33000	---	7000	12000	280	17000	---	2200
	11-Sep-2007	---	< 11	62000	84000	440	85	29000	27	---	250000	2400	480	---	13000	---	3500	---	280	---	36000	< 13	---	8100	38000	910	9200	82	37000	---	14000	14000	600	31000	---	4300
	23-Jul-2008	---	< 7.0	60000	90000	400	94	24000	18	---	320000	2300	460	---	12000	---	3200	---	180	---	37000	47	---	6600	< 7.1	690	8400	130	28000	---	10000	10000	400	23000	---	3500
	11-Aug-2009	---	< 110	43700	108000	320	120	21600	< 75	---	315000	2780	430	---	14800	---	3530	---	107	---	42900	< 78	---	2640	< 110	813	10500	87	35400	---	14900	14000	458	32800	---	3600
	11-Aug-2010	---	< 7.6	32900	54600	204	79.7	12500	< 5.1	---	179000	2000	497	---	14800	---	3710	---	< 7.8	---	41500	< 7.6	---	8290	< 11	781	10000	67.6	41800	---	23500	24100	707	44900	---	6110
	01-Sep-2011	---	< 20	61400	127000	476	144	36800	< 20	---	302000	3860	472	---	13300	---	3270	---	211 [#1]	---	46400	< 20	---	8650	67500	< 10	10100	95	41200	---	20500	16300	< 10	51000	---	6060
	01-Sep-2012	---	< 10	41800	71600	372	96	24500	< 10	---	200000	2270	477	---	14600	---	3480	---	187	---	37800	< 10	---	6850	< 10	777	9470	212 [#1]	33100	---	15000	12400	471	33200	---	4500
NIST SRM 1946	11-Oct-2013	---	---	33800	32500	---	---	---	---	---	206000	---	---	---	11300	---	---	7500	---	---	---	---	---	---	---	---	---	< 128	25000	---	---	---	---	9770	---	---
	31-Aug-2016	---	---	30500	28500	---	---	---	---	---	186000	---	---	---	8860	---	---	6490	---	---	---	---	---	---	---	---	---	101	23200	---	---	---	---	8780	---	---
	03-Nov-2018	---	---	35200	26800	---	---	---	---	---	234000	---	---	---	8190	---	---	7440	---	---	---	---	---	---	---	---	---	89	23600	---	---	---	---	9790	---	---
EDF-2524	15-Oct-2014	----	---	212	775	---	---	---	---	---	1130	---	---	---	60.6	---	---	58.4	---	---	---	---	---	---	---	---	20.3	< 0.529	111	---	---	31.5	---	---	---	---
CRM EDF2524	23-Sep-2015	---	---	269	873	---	---	---	---	---	1300	---	---	---	73.6	1000000000	---	64.6	---	---	---	---	---	---	---	---	24.2	< 2.29	122	---	---	33.4	---	---	---	---
CRM EDF-5462	13-Oct-2022	---	---	---	---	---	---	---	---	3610	---	---	---	---	629	---	---	---	---	---	---	---	---	---	---	---	282	41.3	---	---	---	---	---	---	---	---
	13-Oct-2022	---	< 0.62	465	706	< 0.91	1.59	---	< 0.69	---	3610	< 0.63	40.9	---	---	---	---	199	12.8	< 2.5	---	< 2.2	0.0591	---	3.0	---	---	---	967	---	151	119	---	238	19.7	---
	15-Nov-2023	---	---	---	---	---	---	---	---	3540	---	---	---	---	619	---	---	---	---	---	---	---	---	---	---	---	274	43.7	---	---	---	---	---	---	---	---
	15-Nov-2023	---	< 2.5	428	592	< 3.3	< 2.4	---	< 2.5	---	3540	21.2	35.5	---	619	---	---	191	10.7	< 7.1	---	< 6.6	0.0638	---	< 7.6	---	274	43.7	751	---	145	115	---	211	22.0	---
	29-Oct-2024	---	< 1.1	738	2750	8.4	7.6	---	6.2	---	5450	55.2	1.50	---	386	---	---	374	< 1.8	< 1.8	---	< 2.0	0.0132	---	8.0	---	221	0.41	88.7	---	230	7.7	---	8.3	37.9	---

NOTES:

< X
X

1. --- in guideline row(s) denotes no criteria for that parameter.
2. --- in detail data row(s) denotes parameter not analyzed.
3. Highlighting indicates parameters above applied guideline/criteria.
4. Highlighting indicates parameters above applied guideline/criteria.
5. Highlighting indicates non-detect parameters above applied guideline/criteria.
6. Highlighting indicates parameters at applied guideline/criteria.
7. Denotes values exceeding
   (Canadian Food Inspection Agency (CFIA), 2009. Fish Product Standards and Methods Manual. Appendix 3: Canadian Guidelines for Chemical Contaminants and Toxins in Fish and Fish Products.)
8. Superscript [#1] - EMPC
9. Superscript [#2] - RRR
10. Superscript [#3] - lock mass intereference (lab qualifier originally G)
11. Superscript [#4] - Labeled recoveries above method limits. Data is calculated by isotope dilution. Minimal impact to data quality.
12. Superscript [#5] - The recoveries of certain surrogates are outside method criteria. Native results, calculated via isotope dilution, are not expected to be biased.

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 176 (ng/kg)	PCB 177 (ng/kg)	PCB 178 (ng/kg)	PCB 179 (ng/kg)	PCB 180 (ng/kg)	PCB 180/193 (ng/kg)	PCB 181 (ng/kg)	PCB 182 (ng/kg)	PCB 183 (ng/kg)	PCB-183/185 (ng/kg)	PCB 184 (ng/kg)	PCB 185 (ng/kg)	PCB 186 (ng/kg)	PCB 187 (ng/kg)	PCB 188 (ng/kg)	PCB 189 (ng/kg)	PCB 190 (ng/kg)	PCB 191 (ng/kg)	PCB 192 (ng/kg)	PCB 193 (ng/kg)	PCB 194 (ng/kg)	PCB 195 (ng/kg)	PCB 196 (ng/kg)	PCB 196/203 (ng/kg)	PCB 197 (ng/kg)	PCB 197/200 (ng/kg)	PCB 198 (ng/kg)	PCB 198/199 (ng/kg)	PCB 199 (ng/kg)	PCB 200 (ng/kg)	PCB 201 (ng/kg)	PCB 201/204 (ng/kg)	PCB 202 (ng/kg)	PCB 203 (ug/kg)	PCB 204 (ng/kg)	PCB 205 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hatchery																																						
Brook Trout 0+	04-Oct-2006	10	2.2	21	13	2.6	---	130	0	---	---	22	< 0.10	1.7	< 0.10	99	< 0.10	1.3	3.8	1.0 #1	< 0.10	3.1	12	2.7	---	32	---	1.5	---	< 0.10	43	1.3	---	4.8	26	---	---	0.93
	11-Sep-2007	10	7.1	49	32	56	---	160	< 1.0	---	---	55	< 0.80	7.6	< 0.80	190	2.0	2.2	13	2.3	< 0.90	13	33	12	---	54	---	2.6	---	< 1.1	57	3.2	---	9.3	21	---	---	1.8
	23-Jul-2008	10	3.0	17	12	16	---	58	< 0.20	---	---	22	0.48	3.8	< 0.20	80	0.57	1.1	3.3	0.76	< 0.20	4.3	15	4.8	---	29	---	1.2	---	1.1	37	3.2	---	6.2	19	---	---	0.95
(Duplicate)	23-Jul-2008	10	3.3	19	14	17	---	65	0.51	---	---	25	0.48	4.0	< 0.20	90	0.51	1.2	4.6	0.78	< 0.20	3.9	16	5.0	---	32	---	1.4	---	1.7	37	3.1	---	6.1	20	---	---	1.2
	11-Aug-2009	10	< 3.2	21.5	10.3	10.2	---	74.4	< 5.0	---	---	20.5	< 5.9	< 5.2	< 1.9	63.3	< 6.0	< 3.5	4.9	< 3.9	< 3.9	< 3.4	14.3	< 5.9	---	23.1	---	< 3.2	---	< 4.7	20.1	< 3.1	---	< 4.8	11.9 #1	---	---	< 4.2
	11-Aug-2010	10	3.86	38.5	22.9	16.8	---	136	< 1.6	---	---	43.6	< 1.1	< 1.6	< 0.80	145	< 1.0	< 0.70	6.74	< 1.1	< 1.4	7.7	14.7	7.0	---	19.6	---	< 0.80	---	< 0.70	15.8	< 0.80	---	6.9	7.05	---	---	< 0.80
	01-Sep-2011	10	10.1	76.1	46.7	48.9 #1	---	167	< 3.0	---	---	57.4	< 4.0	7.4 #1	< 2.0	247	< 3.0	< 1.0	15.9	< 1.0	< 2.0	15.0	32.9	12.8 #1	---	58.9	---	< 2.0	---	< 2.0	57.2	< 2.0	---	8.2 #1	19.9	---	---	< 1.0
	01-Sep-2012	10	7.98	73.7	43.2	43.2	---	163	< 1.0	---	---	72.3	< 1.0	8.8	< 0.90	234	< 1.0	3.93 #1	19.0	2.34 #1	< 1.0	16.1	38.1	14.3	---	52.9 #1	---	2.91 #1	---	< 0.80	60.9	3.76 #1	---	6.42 #1	17.7	---	---	2.02
	01-Sep-2013	10	13.1	90.1	51	58.5	---	303	1.43	2.35	---	111	0.923	---	< 0.0748	300	2.2	4.23	23.1	5.16	< 0.0893	---	68.1	27.6	39.6	---	---	13.4	---	98.3	---	---	13.6	---	32.4	0.0615	0.3	3.72
	21-Sep-2014	12	6.77	42.2	29.6	32.6	---	129	0.883 #1	1.29	---	51.5	0.887	---	< 0.0568	180	1.04	1.71	10.5	2.38	0.102 #1	---	21.2	9.55	< 0.0568	---	---	3.91	---	39.5	---	---	5.42	---	13.4	0.0199	0.1	1.31
	22-Sep-2015	11	16.9	101	68.2	77.2	---	336	1.73	1.68	---	124	1.19	---	< 0.0724	402	2.85	4.83	26	5.47	0.227 #1	---	69.2	26	38.5	---	---	13.2	---	119	---	---	15.6	---	39.5	0.0646	0.391	4.14
	30-Aug-2016	10	7.23	41.5	29.2	33.1	---	179	0.815	< 0.0551	---	56.8	0.6	---	< 0.0551	173	1.4	2.68	11.1	2.38	< 0.0551	---	28.4	11.4	17.6	---	---	5.45	---	48.5	---	---	6.77	---	16	0.0267	0.162 #1	1.64
	30-Aug-2018	10	4.5	25.6	20.8	20.7	---	104	0.314 #1	0.853 #1	---	34.4	0.542 #1	---	< 0.283	161	1.18	1.24	7.27	1.35 #1	< 0.283	---	18.2	6.54	9.63	---	---	2.85	---	27.5	---	---	3.72	---	12.5	0.0151	< 0.283	0.847
	06-Sep-2019	10	2.47	15.8	12.1	12.1	---	70.4	0.337	0.506	---	22.1	0.594	---	< 0.0574	73	0.642	0.978	3.98	1.02	< 0.0574	---	12.4	4.61	5.71	---	---	2.02	---	16.5	---	---	2.79	---	7.19	0.00981	0.061	0.72
	26-Aug-2020	11	3.49	20.2	14.4	15.8	---	79.5	0.4 #1	0.567 #1	---	27.2	0.609	---	< 0.0573	79.8	0.732 #1	1.17	4.92	1.1	< 0.0573	---	8.6	5.15	7.9	---	---	2.67	---	22.8	---	---	3.58	---	7.41	0.0123	0.097 #1	0.713
	30-Sep-2021	10	---	---	---	---	12.4	---	---	---	---	---	---	---	---	---	---	0.267	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	30-Sep-2021	10	0.28	2.66	2.48	1.40	---	12.4	< 0.16	< 0.13	3.59	---	0.26	0.30	< 0.11	12.4	0.17	---	1.10	0.23	< 0.13	---	2.07	0.550	0.984	---	0.110	---	---	2.64	---	0.100	0.545	---	1.00	0.00140	< 0.035	0.085
	13-Oct-2022	10	---	---	---	---	14.3	---	---	---	---	---	---	---	---	---	---	0.312	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	13-Oct-2022	10	0.99	6.21	4.05	3.89	---	14.3	< 0.23	< 0.20	4.85	---	0.26	< 0.22	< 0.17	19.6	< 0.16	---	1.60	0.23	< 0.20	---	1.97	0.40	1.10	---	0.324	---	---	2.54	---	0.071	0.360	---	1.29	0.00140	< 0.067	0.120
	15-Aug-2024	6	2.30	16.3	11.5	8.00	---	76.8	0.41	0.22	18.6	---	1.03	1.40	< 0.15	56.7	0.30	1.30	4.24	1.05	< 0.17	---	7.55	2.29	3.35	---	0.682	---	---	11.0	---	0.768	1.70	---	3.33	0.00559	< 0.086	0.50
	24-Sep-2025	10	---	---	---	---	21.0	---	---	---	---	---	---	---	---	---	---	0.375	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake																																						
Brook Trout 1+	11-Aug-2009	8	14.7	100	46.1	44.9	---	465	< 1.5	---	---	143	< 1.6	22.1	< 1.2	335	< 1.9	4.8 #1	31.2	6.3	< 1.2	13.5	48.6	15.8	---	72.5	---	3.1 #1	---	2.9	60.0	3.9 #1	---	8.5 #1	14.7	---	---	3.4 #1
	01-Sep-2011	5	25.0 #1	225	97.3	84.1	---	639	4.0 #1	---	---	203	< 4.0	40.5	< 2.0	475	< 3.0	4.8 #1	62.1	8.1 #1	< 2.0	29.7	107	39.1	---	143	---	3.4 #1	---	< 2.0	112	6.8	---	11.6 #1	22.8	---	---	6.5 #1
	01-Sep-2012	4	51.6	473	203	262	---	1190	6.2 #1	---	---	473	< 1.0	70.1	< 1.0	1190	5.6 #1	16.1	130	18.9 #1	< 1.0	78.8	178	69.8	---	284	---	8.91	---	12.4	276	17.1	---	26.4	59.1	---	---	9.93
(Replicate A)	01-Sep-2013	1	12.4	91.1	42.6	43.8	---	356	1.16	2.32	---	125	0.457	---	< 0.2	250	0.863	4.58	26.8	6.46	< 0.241	---	50.4	20.7	31	---	---	8.27	---	70.3	---	---	8.49	---	15.1	0.0413	< 0.276	2.79
(Replicate B)	01-Sep-2013	1	12.3	99.6	49.2	50.8	---	411	1.44	2.41	---	142	0.537	---	< 0.0896	295	1.16	6.11	32	7.3	< 0.108	---	62.6	25.1	37.5	---	---	9.1	---	84.8	---	---	9.41	---	18.1	0.0494	< 0.109	3.81
	23-Sep-2015	1	76.8	723	350	361	---	3110	6.44	17.1	---	683	1.46	---	< 0.0812	1360 #3	5.97	22.7	93.6	39.9	< 0.09	---	537	227	227	---	---	37.5 #3	---	557	---	---	53.6	---	113	0.277	0.303	11.7
	31-Aug-2016	2	15.5	100	69.9	80.6	---	503	1.64	2.72	---	142	1.1	---	< 0.0554	428	2.91	6.8	30.8	6.32	< 0.0554	---	78.3	32.2	43.2	---	---	12.4	---	115	---	---	14.8	---	36.4	0.0647	0.302 #1	4.09
	12-Sep-2017	3	13.7	100	65.1	64.4	---	535	1.67 #1	2.15	---	154	0.978 #1	---	< 0.0606	353	1.96	5.88	35	7.05	0.107	---	75.1	29.8	41.3	---	---	9.61	---	103	---	---	12.2	---	29	0.0595	0.184	4.27
	29-Aug-2018	3	12.5	89.2	51.1	51.1	---	389	1.52 #1	< 0.28	---	126	0.557 #1	---	< 0.28	391	1.51	4.5	26.9	5.83	< 0.28	---	55.5	21.3	31.2	---	---	8.31	---	78.7	---	---	9.13	---	22.6	0.0408	0.123 #1	2.59
(Replicate A)	05-Sep-2019	4	13.5	102	61	64.6	---	404	1.46	1.97	---	129	1.08	---	< 0.057	350	2.86	4.65	28.5	5.83	< 0.057	---	71.8	28.1	36.6	---	---	9.8	---	98.1	---	---	11.8	---	32	0.0558	0.247	3.26
(Replicate B)	05-Sep-2019	4	13	96.2	64.8	64.5	---	403	1.51	2.28	---	134	1.24	---	< 0.0573	372	2.72	4.68	27.7	5.75	< 0.0573	---	63.4	24.9	32.5	---	---	9.94	---	95.7	---	---	13	---	31.4	0.0524	0.275	3.41
	25-Aug-2020	7	12.2	86.4	57.6	56.6	---	468	1.31	2.06	---	145	0.87 #1	---	< 0.0578	334	1.47	5.68	28.7	6.4	0.121 #1	---	55.1	21.7	33.7	---	---	9	---	88.3	---	---	10.6	---	18.9	0.0489	0.165 #1	3.7
	29-Sep-2021	8	---	---	---	---	1280	---	---	---	---	---	---	---	---	---	---	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	29-Sep-2021	8	40.9	295	152	158	---	1280	3.00	< 0.23	349	---	0.95	48.6	< 0.19	860	2.23	---	98.2	22.9	< 0.25	---	162	59.1	96.6	---	6.49	---	---	214	---	13.8	21.8	---	33.7	0.117	0.058	7.09
	12-Oct-2022	8	---	---	---	---	529	---	---	---	---	---	---	---	---	---	---	< 6.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12-Oct-2022	8	16.2	111	72.7	57.3	---	529	< 1.4	< 1.2	148	---	< 0.89	20.5	< 0.97	374	< 0.99	---	40.6	9.7	< 1.2	---	86.7	31.4	36.0	---	2.8	---	---	96.0	---	4.7	7.8	---	18.7	0.0589	< 1.3	5.08
	13-Sep-2023	5	---	---	---	---	318	---	---	---	---	---	---	---	---	---	---	3.15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	13-Sep-2023	5	5.90	54.8	37.0	25.5	---	318	0.89	< 0.53	82.3	---	0.50	10.3	< 0.46	221	0.81	3.15	20.0	5.50	< 0.51	---	42.6	14.3	22.1	---	1.80	---	---	56.5	---	2.45	5.51	---	10.1	0.0318	< 0.21	2.10
	14-Aug-2024	5	7.04	71.0	39.8	30.1	---	389	0.83	1.27	98.7	---	0.54	12.5	< 0.18	229	0.51	4.94	29.2	5.17	< 0.21	---	53.7	18.6	28.5	---	2.30	---	---	67.0	---	3.31	6.09	---	10.4	0.0407	< 0.12	2.91
	24-Sep-2025	4	---	---	---	---	432	---	---	---	---	---	---	---	---	---	---	5.13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Brook Trout 2+	11-Aug-2009	3	44.9	415	223	178	---	2490	4.7 #1	---	---	524	< 2.0	88.2	< 1.5	1520	< 2.4	22.6	141	33.4	< 1.5	69.1	196	76.4	---	261	---	8.2	---	5.6	203	12.7	---	36.3	42.9	---	---	13.5 #1
	11-Aug-2010	5	92.0	1310	502	375	---	6140	< 2.4	---	---	1710	< 1.6	296	< 1.3	3380	< 1.6	33.6	310	81.5	< 2.1	231	428	135	---	448	---	18.0	---	13.8	325	17.0	---	99.0	76.5	---	---	17.4
	12-Aug-2010	3	175	1740	784	672	---	9510	20.3	---	---	2040	< 2.1	372	< 1.6	5010	5.1	54.0	382	115	< 1.5	173	526	244	---	614	---	24.7	---	14.5	497	31.1	---	169	142	---	---	27.1 #1
	01-Sep-2011	4	556	4760	2010	2510	---	16200	47.6	---	---	4860	11.8	997	< 3.0	11900	18.3	105	1060	225	< 3.0	684	1330	536	---	1900	---	74.4	---	69.6	1820	117	---	251	301	---	---	50.4
(Replicate)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	168	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate A)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	186	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate B)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	281	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate C)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	150	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate D)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	270	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 176 (ng/kg)	PCB 177 (ng/kg)	PCB 178 (ng/kg)	PCB 179 (ng/kg)	PCB 180 (ng/kg)	PCB 180/193 (ng/kg)	PCB 181 (ng/kg)	PCB 182 (ng/kg)	PCB 183 (ng/kg)	PCB-183/185 (ng/kg)	PCB 184 (ng/kg)	PCB 185 (ng/kg)	PCB 186 (ng/kg)	PCB 187 (ng/kg)	PCB 188 (ng/kg)	PCB 189 (ng/kg)	PCB 190 (ng/kg)	PCB 191 (ng/kg)	PCB 192 (ng/kg)	PCB 193 (ng/kg)	PCB 194 (ng/kg)	PCB 195 (ng/kg)	PCB 196 (ng/kg)	PCB 196/203 (ng/kg)	PCB 197 (ng/kg)	PCB 197/200 (ng/kg)	PCB 198 (ng/kg)	PCB 198/199 (ng/kg)	PCB 199 (ng/kg)	PCB 200 (ng/kg)	PCB 201 (ng/kg)	PCB 201/204 (ng/kg)	PCB 202 (ng/kg)	PCB 203 (ug/kg)	PCB 204 (ng/kg)	PCB 205 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																																						
(Duplicate)	01-Sep-2011	4	655	4580	2120	3020	---	20500	48.2	---	---	5560	7.0 #1	907	< 3.0	13300	17.8	146	1170	281	< 3.0	669	1450	523	---	2400	---	84.8	---	74.4	1550	155	---	265	376	---	---	54.0
	01-Sep-2012	4	47.4	456	202	207	---	1390	6.44	---	---	557	< 1.0	96.8	< 0.80	1200	2.5 #1	17.5	152	21.0	< 0.80	97.6	187	67.7	---	264	---	8.37 #1	---	12.3	241	14.3	---	21.5	37.8	---	---	10.3
	01-Sep-2013	4	44.1	427	192	199	---	1830	6.3	8.87	---	600	1.55	---	< 0.0579	1210	2.84	21.5	138	31.3	< 0.0697	---	215	87.4	131	---	---	28.9	---	281	---	---	29.2	---	52.3	0.167	< 0.0858	12
	22-Sep-2014	4	39	435	199	200	---	2030	6.73	8.73	---	600	0.909	---	< 0.0579	1350	1.93	23.6	156	33.1	< 0.0579	---	245	83.6	123	---	---	23.9	---	281	---	---	24.2	---	46.9	0.171	0.141	11.9
(Replicate A)	22-Sep-2014	1	20.7	177	82.3	85.4	---	764	2.75	3.47	---	252	0.572	---	< 0.0573	517	0.896	8.97	61.4	13.6	< 0.0573	---	97.3	39.2	59.3	---	---	13.7	---	135	---	---	12.8	---	22	0.0756	0.079	5.36
(Replicate B)	22-Sep-2014	1	21.3	172	92.2	87	---	959	2.75	4.03	---	308	0.691	---	< 0.0487	605	1.17	12.7	85.8	16.5	< 0.0487	---	109	49.6	78	---	---	15.2	---	160	---	---	14.9	---	24.5	0.101	0.136 #1	6.66
	23-Sep-2015	4	47	398	188	218	---	2350	5.43	6.99	---	558	1.13	---	< 0.0661	1180	3.14	22.5	120	27.1	< 0.0733	---	273	139	132	---	---	28.5 #3	---	297	---	---	32.7	---	66.2	0.165	0.178	11.4
	31-Aug-2016	2	43.2	644	324	198	---	3810	8.56	< 0.0557	---	767	1.23	---	< 0.0557	2190	2.63	43	241	55	< 0.0557	---	357	177	238	---	---	31.7	---	578	---	---	53.2	---	93	0.329	0.207	19.8
	12-Sep-2017	3	22.4	205	124	118	---	1230	3.48	4.11	---	329	1.02 #1	---	< 0.0582	702	2.11	13.3	82.4	16.6	< 0.0582	---	139	52.2	72.9	---	---	14.6	---	171	---	---	18.5	---	37.9	0.1	0.193 #1	8.11
(Replicate A)	12-Sep-2017	1	19.5	172	105	96.8	---	1110	2.99	3.63 #1	---	306	1.08	---	< 0.0741	610	2.31	11.7	75.7	14.6	0.13 #1	---	137	53.1	71.6	---	---	14.2	---	163	---	---	18.7	---	37.4	0.104	0.266	8.15
	29-Aug-2018	3	34.8	267	178	171	---	1670	4.29	6.96	---	494	1.29	---	< 0.0636	1200	2.82	12.8	111	25.3	< 0.0752	---	163	69.2	105	---	---	21.9	---	238	---	---	26.7	---	50.1	0.143	0.194 #1	8.47
(Replicate A)	05-Sep-2019	4	23.7	186	95.4	98	---	903	2.38	4.04	---	292	0.754	---	< 0.0549	605	1.53	10.3	61.1	13.9	< 0.0549	---	101	40.3	57.5	---	---	13.3	---	128	---	---	14.7	---	27.9	0.0768	0.14	5.42
(Replicate B)	05-Sep-2019	4	24.3	198	112	102	---	1150	2.99	5.06	---	360	1.01	---	< 0.0579	726	1.9	13.1	72.4	17.4	< 0.0579	---	135	54.1	77.9	---	---	15.7	---	161	---	---	17.7	---	33.9	0.112	0.153	7.22
(Replicate A)	25-Aug-2020	7	23.6	197	118	109	---	1230	3.07	4.75	---	344	1.06	---	< 0.0574	686	1.91	15.2	81.2	17.1	< 0.0574	---	128	52.5	75.8	---	---	16.1	---	183	---	---	19.7	---	30.7	0.106	0.184	8.48
(Replicate B)	25-Aug-2020	7	21.6	174	100	104	---	872	2.51	3.76	---	277	1.04	---	< 0.0577	581	2.03	9.82	54.2	11.7	< 0.0587	---	67.1	37.6	60.3	---	---	15.1	---	146	---	---	17.6	---	27.6	0.077	0.169	5.33
	29-Sep-2021	10	---	---	---	---	1500	---	---	---	---	---	---	---	---	---	---	17.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	29-Sep-2021	10	35.8 #4	319 #4	174 #4	160 #4	---	1500 #4	4.08 #4	< 0.27 #4	402 #4	---	0.70 #4	53.0 #4	< 0.23 #4	983 #4	2.84 #4	---	117 #4	25.1 #4	< 0.29 #4	---	221 #4	79.9 #4	110 #4	---	8.42 #4	---	---	257 #4	---	12.9 #4	24.8 #4	---	41.9 #4	0.139 #4	0.183 #4	10.7 #4
	12-Oct-2022	9	---	---	---	---	2530	---	---	---	---	---	---	---	---	---	---	33.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12-Oct-2022	9	56.2	543	301	255	---	2530	7.31	< 0.48	672	---	2.12	85.6	< 0.41	1620	4.64	---	197	47.3	< 0.48	---	381	128	176	---	11.7	---	---	382	---	18.8	36.4	---	58.5	0.23	0.17	16.9
	13-Sep-2023	5	---	---	---	---	875	---	---	---	---	---	---	---	---	---	---	10.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	13-Sep-2023	5	12.6	131	87.9	54.2	---	875	2.50	5.10	219	---	0.52	29.0	< 0.54	558	1.46	10.5	48.7	14.4	< 0.60	---	104	32.0	50.4	---	4.48	---	---	126	---	3.71	11.2	---	18.8	0.0819	< 0.19	5.55
	14-Aug-2024	5	18.6	160	88.9	83.4	---	804	2.00	2.93	217	---	0.72	26.6	< 0.49	516	1.19	8.00	56.4	11.0	< 0.57	---	96.2	34.4	57.0	---	4.51	---	---	129	---	7.44	11.9	---	21.1	0.0729	< 0.16	5.00
(Replicate A)	24-Sep-2025	3	---	---	---	---	777	---	---	---	---	---	---	---	---	---	---	7.77	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate B)	24-Sep-2025	3	---	---	---	---	1950	---	---	---	---	---	---	---	---	---	---	19.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Brook Trout 3+	04-Oct-2006	3	40	740	270	850	---	1600	< 0.10	---	---	830	< 0.10	67	< 0.10	2300	< 0.10	1.9	170	< 0.10	< 0.10	79	130	22	---	230	---	< 0.10	---	< 0.10	270	1.5	---	4.7	26	---	---	< 0.10
	11-Aug-2010	5	60.8	1040	432	276	---	5010	< 2.3	---	---	1360	< 1.6	215	< 1.2	2950	< 1.5	31.2	255	65.8	< 2.0	201	338	114	---	373	---	17.3	---	13.2	287	10.1	---	81.3	66.6	---	---	13.7
(Duplicate)	11-Aug-2010	5	59.1	1030	404	260	---	4890	14.3	---	---	1340	< 1.6	215	< 1.3	2880	3.7 #1	25.1	243	< 1.7	< 2.1	189	336	113	---	359	---	17.3	---	9.6	285	10.4	---	77.2	64.6	---	---	15.7
(Replicate A)	12-Aug-2010	4	94.1	841	412	376	---	4370	8.1 #1	---	---	963	< 2.1	168	< 1.6	2540	< 2.4	34.4	237	57.4	< 1.6	119	312	118	---	395	---	12.7	---	8.8	334	19.7	---	53.0	77.7	---	---	14.8
(Replicate A)	01-Sep-2012	1	27.6	284	136	129	---	999	3.77	---	---	388	< 0.60	62.7	< 0.40	817	1.36	12.7	104	15.1	< 0.40	58.2	115	42.6	---	177	---	5.36	---	6.55	149	7.07 #1	---	13.5	24.4	---	---	7.34
(Replicate B)	01-Sep-2012	1	15.7	155	89.9	72.8	---	648	2.15	---	---	238	< 0.80	33.6	< 0.60	508	< 0.90	9.79	76.8	10.3	< 0.60	46.0	108	39.3	---	143	---	4.34 #1	---	5.18	129	6.32	---	12.7	23.4	---	---	7.52
(Duplicate)	01-Sep-2012	1	26.2	273	124	127	---	949	3.64	---	---	369	< 0.70	60.1	< 0.50	770	< 0.70	11.2 #1	99.0	14.7	< 0.50	53.7	116	40.3	---	174	---	4.30 #1	---	5.73	144	7.23	---	12.6	23.7	---	---	5.88
(Replicate C)	01-Sep-2013	1	25.6	257	120	108	---	1410	3.37	8.87	---	414	1.02	---	< 0.129	799	1.84	21.4	105	24.6	< 0.155	---	218	73.7	109	---	---	20.1	---	213	---	---	21.6	---	36.2	0.143	< 0.156	11.5
(Replicate D)	01-Sep-2013	1	27.6	320	134	124	---	1310	4.43	8.18	---	450	0.996	---	< 0.113	832	2.15	15.9	102	23.7	< 0.136	---	151	64.2	96.3	---	---	19.8	---	196	---	---	20.6	---	34.5	0.12	0.146 #1	8.89
(Known (External Reference Material) Duplicate)	01-Sep-2013	1	27.2 #1	286	140	138	---	1160	< 5.0	---	---	395	< 6.0	61.2	< 4.0	872	< 7.0	15.0 #1	118	14.5 #1	< 4.0	63.9 #1	143	55.1	---	204	---	7.4 #1	---	7.7 #1	202	7.5 #1	---	19.9	40.9	---	---	10.6 #1
	22-Sep-2014	4	63.8	661	297	285	---	2660	8.11	17.6	---	827	1.52	---	< 0.0581	2150	3.07	28.1	198	43.7	< 0.0653	---	272	123	205	---	---	40.4	---	437	---	---	41.2	---	64.5	0.264	0.21 #1	14.8
(Replicate A)	22-Sep-2014	4	24.7	251	130	116	---	1280	4.03	5.98	---	418	1.02	---	< 0.0567	863	1.69	16.7	119	22.6	< 0.0567	---	131	66.9	114	---	---	20.2	---	246	---	---	21.9	---	35.5	0.149	0.189	9.01
(Replicate B)	22-Sep-2014	1	29.1	519	197	150	---	2040	7.25	10.8	---	711	1.23	---	< 0.0574	1510	2.57	20.8	163	34.3	< 0.0603	---	256	101	157	---	---	28.2	---	346	---	---	33.7	---	52.6	0.21	0.206 #1	12.5
(Duplicate)	22-Sep-2014	1	72	699	306	339	---	2500	9.45	17.6	---	889	1.89	---	< 0.0974	2010	2.92	26.3	200	48.3	< 0.105	---	254	102	171	---	---	35.2	---	387	---	---	41.2	---	60.4	0.225	0.241 #1	13.1
	23-Sep-2015	3	99.8	861	392	473	---	3070	11.7	14.6	---	1110	2.02	---	< 0.123	2560	4.29	27.5	206	47.3	< 0.137	---	287	121	201	---	---	44.0	---	452	---	---	49.6	---	88.5	0.237	0.188	14.2
	31-Aug-2016	2	94.1	789	411	487	---	4140	11.2	< 0.0584	---	1200	2.03	---	< 0.0551	2650	3.89	42.3	271	59.5	< 0.0551	---	311	149	238	---	---	46.8	---	541	---	---	54.3	---	84.8	0.321	0.132	16.9
(Replicate A)	31-Aug-2016	2	74.2	653	332	369	---	3560	8.63	11.4	---	909	1.54	---	< 0.0546	2110	3.67	34.9	208	44.9	< 0.0546	---	287	130	198	---	---	40	---	461	---	---	43.9	---	72.7	0.26	0.199	14.9
(Duplicate)	31-Aug-2016	1	91.1	766	397	473	---	4050	10.9	< 0.0734	---	1170	1.82	---	< 0.0609	2570	3.82	39.4	263	57.7	< 0.0687	---	277	137	232	---	---	44.5 #3	---	529	---	---	52.2	---	79.3	0.316	0.184	16.6
	12-Sep-2017	3	29.8	269	143	133	---	1600	4.55	4.63	---	413	0.879 #1	---	< 0.0766	873	1.97	17.1	106	20.6	< 0.077	---	175	64.1	89.6	---	---	17.6	---	213	---	---	21.5	---	38.3	0.124	0.199 #1	9.8
	29-Aug-2018	3	33.3	270	209	160	---	1970	5.62	6.78	---	548	1.46	---	< 0.0805	1400	2.6	18.2	147	29.6	< 0.0952	---	221	88.2	117	---	---	24.8	---	285	---	---	28.3	---	56.9	0.17	0.232 #1	11.8
(Duplicate)	29-Aug-2018	3	31.2	256	171	149	---	1760	4.76	6.62	---	498	1.28	---	< 0.0825	1390	2.46	15.5	120	24.9	< 0.0956	---	195	70	108	---	---	23.2	---	244	---	---	26.7	---	51.9	0.151	0.185 #1	11
(Lab Replicate)	29-Aug-2018	3	31.9	265	185	159	---	1740	4.91	< 0.0799	---	515	1.26	---	< 0.0664	1150	2.57	16.2	130	27	0.268 #1	---	185	67.5	110	---	---	21.9	---	251	---	---	25.3	---	52	0.155	0.266 #1	11
	05-Sep-2019	4	33.8	278	157	138	---	1760	4.45	7.05	---	512	1.08	---	< 0.0556	1020	2.25	18.9	113	27.3	< 0.0556	---	203	76.4	90.2	---	---	20.6	---	230	---	---	24.6	---	42.5	0.095	0.16	11.3
	29-Sep-2021	3	---	---	---	---	927	---	---	---	---	---	---	---	---	---	---	10.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	29-Sep-2021	3	24.8	205	113	111	---	927	1.90	< 0.34	258	---	0.89	25.0	< 0.28	637	1.84	---	75.9	17.8	< 0.36	---	124	46.0	64.0	---	5.00	---	---	148	---	7.92	14.9	---	25.2	0.0840	0.147	5.24
(Duplicate)	29-Sep-2021	3	---	---	---	---	2300	---	---	---	---	---	---	---	---	---	---	27.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Duplicate)	29-Sep-2021	3	59.2	475	254	252	---	2300	6.07	< 0.63	612	---	1.30	107	< 0.53	1500	3.50	---	182	43.0	< 0.67	---	310	107	162	---	11.8	---	---	375	---	20.7	38.3	---	60.7	0.216	< 0.19	14.0

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 176 (ng/kg)	PCB 177 (ng/kg)	PCB 178 (ng/kg)	PCB 179 (ng/kg)	PCB 180 (ng/kg)	PCB 180/193 (ng/kg)	PCB 181 (ng/kg)	PCB 182 (ng/kg)	PCB 183 (ng/kg)	PCB-183/185 (ng/kg)	PCB 184 (ng/kg)	PCB 185 (ng/kg)	PCB 186 (ng/kg)	PCB 187 (ng/kg)	PCB 188 (ng/kg)	PCB 189 (ng/kg)	PCB 190 (ng/kg)	PCB 191 (ng/kg)	PCB 192 (ng/kg)	PCB 193 (ng/kg)	PCB 194 (ng/kg)	PCB 195 (ng/kg)	PCB 196 (ng/kg)	PCB 196/203 (ng/kg)	PCB 197 (ng/kg)	PCB 197/200 (ng/kg)	PCB 198 (ng/kg)	PCB 198/199 (ng/kg)	PCB 199 (ng/kg)	PCB 200 (ng/kg)	PCB 201 (ng/kg)	PCB 201/204 (ng/kg)	PCB 202 (ng/kg)	PCB 203 (ug/kg)	PCB 204 (ng/kg)	PCB 205 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																																						
	12-Oct-2022	3	---	---	---	---	2270	---	---	---	---	---	---	---	---	---	---	20.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12-Oct-2022	3	54.4	557	289	252	---	2270	5.2	< 1.6	648	---	1.3	71.3	< 1.4	1610	4.0	---	145	42.9	< 1.6	---	273	99.6	164	---	12.2	---	---	365	---	19.1	38.4	---	60.9	0.199	< 0.30	12.0
	13-Sep-2023	5	---	---	---	---	1990	---	---	---	---	---	---	---	---	---	---	18.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	13-Sep-2023	5	32.5	319	227	136	---	1990	4.82	8.87	521	---	1.60	62.6	< 0.50	1340	2.86	18.2	120	26.9	< 0.61	---	167	50.6	102	---	9.13	---	---	251	---	8.50	20.8	---	38.9	0.161	< 0.085	10.2
	14-Aug-2024	3	19.8	190	94.2	84.0	---	1030	2.20	3.05	255	---	0.41	28.0	< 0.32	625	1.30	10.9	70.7	14.4	< 0.37	---	117	38.8	61.0	---	4.30	---	---	149	---	6.50	12.7	---	20.4	0.0939	< 0.16	6.11
(Duplicate)	14-Aug-2024	3	22.4	232	120	108	---	1280	2.59	3.98	323	---	0.61	39.3	< 0.17	768	1.48	13.7	92.5	17.7	< 0.19	---	145	46.5	72.5	---	5.80	---	---	178	---	8.12	15.7	---	24.0	0.112	0.15	7.29
(Replicate A)	24-Sep-2025	3	---	---	---	---	1700	---	---	---	---	---	---	---	---	---	---	18.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Duplicate)	24-Sep-2025	3	---	---	---	---	2840	---	---	---	---	---	---	---	---	---	---	27.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate B)	24-Sep-2025	3	---	---	---	---	755	---	---	---	---	---	---	---	---	---	---	8.79	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate B)	24-Sep-2025	3	22.4	174	98.4	101	---	799	2.21	<3.3	243	---	0.632	33.2	<0.15	534	<1.0	10.5	55.5	12.6	<0.18	---	73.4	32.6	51.5	---	<3.7	---	---	118	---	7.59	13.1	---	18.9	63.9	<0.13	4.57
Brook Trout 4+	04-Oct-2006	7	88	870	360	< 0.10	---	8200	5.1	---	---	930	< 0.10	150	< 0.10	2400	4.3	67	230	91	< 0.10	140	650	190	---	930	---	21	---	< 0.20	920	43	---	81	180	---	---	18
	01-Sep-2011	2	214	1700	824	923	---	7700	21.5 [#1]	---	---	1930	< 4.0	360	< 2.0	4570	7.8 [#1]	60.6	445	91.5	< 2.0	305	758	293	---	1070	---	36.6	---	25.9	868	57.5 [#1]	---	113	147	---	---	31.9 [#1]
	01-Sep-2013	2	168	1450	621	786	---	5270	15.1	37.3	---	1930	3.12	---	< 0.219	4290	5.94	49.2	363	89.5	< 0.263	---	494	195	341	---	---	78.8 [#3]	---	724	---	---	78.8	---	131	0.423	0.22 [#1]	24.6
	22-Sep-2014	1	169	1620	704	766	---	7060	19.3	29.9	---	2220	2.76	---	< 0.0998	5360	5.53	76.2	547	117	< 0.112	---	706	289	495	---	---	90.4 [#3]	---	1050	---	---	96.7	---	146	0.634	0.212 [#1]	37.5
(Replicate A)	23-Sep-2015	1	68.6	541	242	246	---	2390	7.61	9.92	---	820	1.87	---	< 0.13	1690 [#3]	2.82	28.1	183	39	< 0.144	---	295	126	174	---	---	37.0 [#3]	---	412	---	---	43.1	---	68.6	0.246	0.243 [#1]	16.6
(Replicate B)	23-Sep-2015	1	76.5	699	305	312	---	2790	9.65	13.8	---	984	1.89	---	< 0.0994	2160	3.29	31	204	45	< 0.11	---	309	126	194	---	---	40.5 [#3]	---	449	---	---	47.1	---	80.4	0.252	0.204 [#1]	16.1
	12-Sep-2017	1	38.3	445	232	213	---	2940	6.72	7.78	---	698	1.33 [#1]	---	< 0.0854	1460	2.84	30.5	184	36	< 0.0859	---	324	106	147	---	---	22.7	---	340	---	---	30.9	---	57.7	0.213	0.238	17.7
(Replicate A)	29-Aug-2018	1	67	615	400	326	---	3390	10.3	< 0.208	---	1000	1.78	---	< 0.174	2200	3.89	25.1	266	57.6	< 0.206	---	333	112	172	---	---	39.2	---	404	---	---	42.5	---	---	0.235	< 0.279	16.4
(Replicate B)	29-Aug-2018	1	31.5	355	205	142	---	2830	8.32	< 0.283	---	697	2.92	---	< 0.283	1890	4.46	28.4	226	42	2.74	---	391	148	194	---	---	28.6	---	453	---	---	31.9	---	80.8	0.286	< 0.283	17.6
(Replicate C)	29-Aug-2018	1	44.1	371	220	180	---	2500	6.97	< 0.134	---	710	1.31 [#1]	---	< 0.112	1090	2.66	22.1	183	38.5	< 0.133	---	270	113	157	---	---	29.8	---	370	---	---	35.7	---	62.7	0.227	0.188 [#1]	13.6
	25-Aug-2020	1	17	152	77.4	68.4	---	898	2.54	2.97 [#1]	---	267	0.691 [#1]	---	< 0.0579	518	1.18	9.87	57.8	12.2	< 0.0579	---	96.3	41.6	57.6	---	---	11.7	---	141	---	---	15.1	---	22	0.0833	0.154 [#1]	6.37
	29-Sep-2021	1	---	---	---	---	1360	---	---	---	---	---	---	---	---	---	---	15.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	29-Sep-2021	1	36.6	291	162	151	---	1360	4.35	< 0.31	382	---	1.06	49.1	< 0.26	901	2.10	---	103	25.5	< 0.31	---	196	75.8	99.0	---	8.15	---	---	231	---	12.1	22.5	---	36.5	0.13	0.150	9.07
	24-Sep-2025	1	---	---	---	---	1200	---	---	---	---	---	---	---	---	---	---	12.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	24-Sep-2025	1	17.2	145	89.6	76	---	776	2.65	3.53	216	---	0.75	35.5	<0.15	475	<0.76	11	55.7	12.4	<0.16	---	83.7	36.7	54.4	---	4.62	---	---	128	---	5.65	12.8	---	15.3	68.8	0.133	5.8
Brook Trout 5+	04-Oct-2006	5	42	490	210	8.6	---	4300	2.9	---	---	500	< 0.10	84	0	1400	1.7	32	140	42	< 0.10	130	280	83	---	520	---	9.1	---	< 0.20	560	20	---	< 0.10	90	---	---	11
	01-Sep-2007	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	2	68	920	430	600	---	3900	12	---	---	1000	2.2	170	< 1.1	2800	4.7	41	300	65	< 1.2	230	450	150	---	590	---	20	---	< 1.0	590	27	---	58	100	---	---	23
	12-Aug-2010	1	42.4	437	166	129	---	2250	6.4	---	---	550	< 2.1	83.2	< 1.6	1300	< 2.4	20.3	147	27.2	< 1.6	67.6	211	91.7	---	314	---	11.0 [#1]	---	8.3	254	9.6	---	44.1 [#1]	47.1	---	---	11.6 [#1]
	01-Sep-2013	1	338	3150	1430	1710	---	12900	35.7	74.7	---	4700	6.7	---	< 0.313	10200	11.8	117	901	206	< 0.377	---	1180	452	829	---	---	171	---	1730	---	---	174	---	298	1.02	0.563	56.3
(Known (External Reference Material) Duplicate)	01-Sep-2013	1	361	3940	1710	2090	---	13500	46.4 [#1]	---	---	4790	< 5.0	793	< 3.0	11500	14.4 [#1]	131	1240	161	< 3.0	707	1220	408	---	1890	---	53.3	---	69.1	1970	86.2	---	143	319	---	---	65.8
	23-Sep-2015	1	89.3	761	343	336	---	3590	11.9	11.1	---	1170	2.18	---	< 0.0776	2560	3.67	40.4	274	57.6	< 0.086	---	450	177	263	---	---	48.9 [#3]	---	610	---	---	58.5	---	93.6	0.37	0.303 [#1]	25
	30-Aug-2016	1	59.4	662	301	300	---	3430	10.2	< 0.0564	---	996	1.73	---	< 0.0564	1950	3.42	32.6	220	47.2	< 0.0564	---	301	121	201	---	---	35.3 [#3]	---	436	---	---	44.2	---	68.2	0.25	0.206 [#1]	14.6
	12-Sep-2017	1	112	1640	781	581	---	8480	21.9	27.4	---	2340	4.24	---	< 0.123	4740	8.24	93	595	125	< 0.126	---	834	311	448	---	---	77.9	---	991	---	---	107	---	173	0.592	0.503 [#1]	47.2
(Re-analysis)	12-Sep-2017	1	90.2	1340	615	445	---	5810	19.1 [#1]	34.3	---	1860	3.33	---	< 0.136	4020	5.83	61	514	123	< 0.149	---	577	221	343	---	---	57.7	---	739	---	---	75.7	---	123	0.452	0.252 [#1]	32.8
	29-Sep-2021	1	---	---	---	---	1400	---	---	---	---	---	---	---	---	---	---	17.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	29-Sep-2021	1	30.6 [#4]	278 [#4]	154 [#4]	131 [#4]	---	1400 [#4]	4.36 [#4]	< 0.83 [#4]	387 [#4]	---	1.30 [#4]	48.2 [#4]	< 0.70 [#4]	876 [#4]	1.70 [#4]	---	113 [#4]	28.3 [#4]	< 0.83 [#4]	---	195 [#4]	75.5 [#4]	100 [#4]	---	7.62 [#4]	---	---	238 [#4]	---	11.9 [#4]	22.2 [#4]	---	36.8 [#4]	0.141 [#4]	< 0.31 [#4]	9.60 [#4]
Brook Trout 6+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	89	1100	450	660	---	4900	15	---	---	1400	2.6	230	< 1.3	3200	4.4	45	350	81	< 1.5	270	510	180	---	650	---	25	---	< 1.4	620	30	---	70	97	---	---	20
Brook Trout 7+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Duplicate)	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	17	200	93	160	---	830	< 1.0	---	---	200	< 0.70	37	< 0.80	560	2.5	10	71	13	< 0.80	46	97	32	---	120	---	4.4	---	< 0.90	130	7.0	---	14	31	---	---	4.8
(Duplicate)	11-Sep-2007	3	16	190	91	150	---	820	2.4	---	---	200	< 1.0	35	< 1.0	540	2.3	10	67	12	< 1.1	52	95	32	---	120	---	4.9	---	< 1.4	130	7.0	---	14	29	---	---	3.9
Brook Trout 11+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	74	1000	430	700	---	5100	12	---	---	1300	< 1.0	200	< 1.0	2800	3.5	54	400	75	< 1.1	310	670	190	---	730	---	18	---	< 1.0	660	26	---	52	91	---	---	31
Brook Trout 12+	01-Sep-2007	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	2	110	1400	620	1000	---	5700	17	---	---	1600	2.7	270	< 1.3	4100	5.7	57	460	97	< 1.4	350	610	200	---	860	---	30	---	< 1.5	880	40	---	78	140	---	---	28
Brook Trout Unknown	23-Jul-2008	3	10	100	48	48	---	340	1.2	---	---	110	0.52	18	< 0.40	290	1.1	6.9	30	5.7	< 0.40	18	61	24	---	86	---	3.1	---	< 0.40	88	4.8	---	10	22	---	---	3.8
(Replicate)	23-Jul-2008	3	5.7	43	24	27	---	120	0.65	---	---	46	0.52	7.0	< 0.30	140	1.4	2.6	11	1.7	< 0.20	10	29	11	---	41	---	2.1	---	< 0.20	46	2.7	---	5.8	16	---	---	2.0

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 176 (ng/kg)	PCB 177 (ng/kg)	PCB 178 (ng/kg)	PCB 179 (ng/kg)	PCB 180 (ng/kg)	PCB 180/193 (ng/kg)	PCB 181 (ng/kg)	PCB 182 (ng/kg)	PCB 183 (ng/kg)	PCB-183/185 (ng/kg)	PCB 184 (ng/kg)	PCB 185 (ng/kg)	PCB 186 (ng/kg)	PCB 187 (ng/kg)	PCB 188 (ng/kg)	PCB 189 (ng/kg)	PCB 190 (ng/kg)	PCB 191 (ng/kg)	PCB 192 (ng/kg)	PCB 193 (ng/kg)	PCB 194 (ng/kg)	PCB 195 (ng/kg)	PCB 196 (ng/kg)	PCB 196/203 (ng/kg)	PCB 197 (ng/kg)	PCB 197/200 (ng/kg)	PCB 198 (ng/kg)	PCB 198/199 (ng/kg)	PCB 199 (ng/kg)	PCB 200 (ng/kg)	PCB 201 (ng/kg)	PCB 201/204 (ng/kg)	PCB 202 (ng/kg)	PCB 203 (ug/kg)	PCB 204 (ng/kg)	PCB 205 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																																						
(Replicate A)	23-Jul-2008	2	16	170	76	70	---	550	2.4	---	---	180	0.82	28	< 0.30	470	2.0	9.9	52	9.4	< 0.20	35	96	38	---	140	---	5.2	---	< 0.30	140	7.5	---	15	32	---	---	5.9
(Replicate B)	23-Jul-2008	2	7.7	71	33	36	---	240	1.1	---	---	75	0.56	13	< 0.30	190	0.87	5.5	23	3.9	< 0.20	16	38	16	---	53	---	2.2	---	< 0.30	63	3.5	---	6.8	18	---	---	2.1
(Replicate C)	23-Jul-2008	2	7.3	79	52	38	---	290	1.0	---	---	110	0.53	25	< 0.40	210	0.87	6.5	37	5.5	< 0.40	28	66	21	---	94	---	2.5	---	< 0.30	100	6.6	---	7.9	25	---	---	4.9
	12-Oct-2022	1	---	---	---	---	1460	---	---	---	---	---	---	---	---	---	---	15.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12-Oct-2022	1	39.0	340	197	186	---	1460	4.3	< 0.90	399	---	1.10	61.0	< 0.77	1030	2.40	---	107	29.9	< 0.91	---	190	70.1	103	---	8.26	---	---	---	232	---	16.2	24.4	---	39.3	0.134	< 0.33	7.80
	13-Sep-2023	1	---	---	---	---	1100	---	---	---	---	---	---	---	---	---	---	13.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	13-Sep-2023	1	16.7 [#5]	189 [#5]	124 [#5]	73.4 [#5]	---	1100 [#5]	2.64 [#5]	4.49 [#5]	308 [#5]	---	0.69 [#5]	36.6 [#5]	< 0.30 [#5]	744 [#5]	1.96 [#5]	13.7 [#5]	74.5 [#5]	17.0 [#5]	< 0.36 [#5]	---	132 [#5]	42.1 [#5]	76.1 [#5]	---	7.65 [#5]	---	---	---	185 [#5]	---	6.41 [#5]	17.8 [#5]	---	29.7 [#5]	0.115 [#5]	< 0.097 [#5]	7.83 [#5]
(Replicate)	13-Sep-2023	1	---	---	---	---	981	---	---	---	---	---	---	---	---	---	---	11.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate)	13-Sep-2023	1	12.0	151	104	66.7	---	981	2.40	< 0.59	203	---	0.57	28.2	< 0.51	700	0.99	11.8	54.8	14.6	< 0.57	---	111	28.8	45.6	---	3.63	---	---	---	146	---	4.00	9.01	---	18.6	0.0896	< 0.20	5.62
(Replicate A)	14-Aug-2024	1	16.8	180	101	77.4	---	1080	2.2	3.44	267	---	0.72	29.1	< 0.23	607	1.45	13.1	82.3	15	< 0.27	---	141	46	69.4	---	5.25	---	---	---	165	---	7.32	14.4	---	24.6	0.104	< 0.12	8
(Replicate B)	14-Aug-2024	1	55.4	393	194	228	---	1630	3.8	6.62	504	---	1	61.7	< 0.24	1150	3.42	14.5	107	23.5	< 0.28	---	169	66.1	114	---	8.85	---	---	---	240	---	16	26.5	---	41.7	0.149	0.13	7.75
(Replicate C)	14-Aug-2024	1	21.9	182	87.6	78.9	---	880	2.3	2.6	238	---	0.68	28.7	< 0.21	565	1.1	8.94	62.4	12.2	< 0.23	---	102	41.6	63.8	---	4.98	---	---	---	148	---	6.65	13.7	---	20.3	0.0882	< 0.14	6.01
	24-Sep-2025	1	---	---	---	---	1610	---	---	---	---	---	---	---	---	---	---	15.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Brook Trout (Muscle only) 3+	01-Feb-2012	1	132 [#1]	1870	350	579	---	1110	< 20	---	---	881	< 30	249 [#1]	< 20	2790	< 30	9.2 [#1]	634	17.1	< 20	253	182	99.1 [#1]	---	375	---	< 10	---	< 20	468	44	---	< 7.0	37	---	---	10.0
Brook Trout (Skin Only) 3+	01-Feb-2012	1	280	4000	999	1310	---	2710	< 20	---	---	2230	< 20	576	< 10	6330	< 20	30.3	1140	35.1	< 20	531	429	207	---	790	---	22.2 [#1]	---	< 9.0	909	48.5 [#1]	---	26.6	62.1	---	---	13.8
Brook Trout (Stomach) 1+	01-Sep-2012	4	< 1.0	15.3	11.7	10.7	---	54.8	< 2.0	---	---	30.5	< 2.0	< 2.0	< 1.0	48.2	< 2.0	< 0.90	6.1	< 1.0	< 2.0	5.5	7.5	< 1.0	---	14.8	---	< 1.0	---	< 1.0	10.2	< 1.0	---	< 0.90	5.2	---	---	< 1.0
Brook Trout (Stomach) 2+	01-Sep-2012	4	< 10	< 20	58	< 10	---	328	< 10	---	---	164 [#1]	< 20	< 10	< 10	200 [#1]	< 20	11.3	142 [#1]	7.5	< 10	53	84.2	< 3.0	---	98.3 [#1]	---	< 7.0	---	< 8.0	39.5 [#1]	< 7.0	---	< 3.0	< 8.0	---	---	< 3.0
Brook Trout (Stomach) 3+ (Replicate A)	01-Sep-2012	1	< 1.0	11.0 [#1]	5.2 [#1]	8.8 [#1]	---	40.5	< 2.0	---	---	28.9 [#1]	< 2.0	< 2.0	< 1.0	32.3	< 2.0	< 0.80	< 1.0	< 0.90	< 2.0	5.2 [#1]	6.33 [#1]	< 1.0	---	< 1.0	---	< 1.0	---	< 1.0	7.6 [#1]	< 1.0	---	< 0.80	< 1.0	---	---	< 0.90
(Replicate B)	01-Sep-2012	1	11.7	63.5	59.3	56.6	---	385	< 4.0	---	---	173	< 5.0	25.7	< 3.0	297	< 5.0	< 2.0	54.9	6.9 [#1]	< 4.0	29.5 [#1]	61.1	18.8	---	89.6 [#1]	---	< 2.0	---	< 3.0	72.8 [#1]	< 2.0	---	8.5 [#1]	< 3.0	---	---	< 2.0
White Sucker 1+	01-Feb-2012	1	143 [#1]	2320	461	398	---	1290	< 20	---	---	1130	< 30	253	< 20	2870	< 30	21.6	978	21.6	< 20	345	238	138	---	480	---	< 10	---	< 10	528	32 [#1]	---	< 4.0	25.7 [#1]	---	---	12.7
	21-Sep-2014	2	7.27	47.6	16.9	15.9	---	235	0.869 [#1]	0.979	---	84.7	0.187	---	< 0.0579	156	0.218 [#1]	2.1	17.1	4.06	< 0.0579	---	24.9	11.5	15	---	---	3.11	---	32.5	---	---	4.07	---	4.91	0.0215	0.064 [#1]	1.23
White Sucker 2+	01-Feb-2012	1	23.0 [#1]	263	39	43.3	---	210	< 10	---	---	187	< 10	38 [#1]	< 8.0	425	< 10	4.8	166	< 2.0	< 10	66.7	54.3	33.8	---	121 [#1]	---	< 7.0	---	< 7.0	144	< 7.0	---	< 3.0	< 6.0	---	---	2.9 [#1]
	22-Sep-2014	4	12.8	78.2	30.3	25.3	---	457	1.58	1.8 [#1]	---	149	0.312	---	< 0.0573	266	0.39	4.82	35.9	8.13	< 0.0573	---	56.1	23.8	31.8	---	---	5.83	---	67.7	---	---	7.79	---	8.41	0.0451	< 0.0573	3.08
White Sucker 3+	01-Feb-2012	1	< 20	491 [#1]	< 40	87 [#1]	---	153 [#1]	< 30	---	---	182 [#1]	< 40	< 30	< 20	377	< 40	< 4.0	92 [#1]	< 7.0	< 30	71	37.7 [#1]	< 7.0	---	< 10	---	< 10	---	< 20	< 20	< 20	---	< 7.0	< 10	---	---	< 4.0
White Sucker 6+	01-Sep-2007	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	4	4.8	45	18	16	---	360	< 0.90	---	---	95	< 0.60	12	< 0.70	180	< 0.70	4.3	32	4.5	< 0.70	21	47	16	---	65	---	2.6	---	< 0.80	54	< 0.60	---	4.5	5.4	---	---	2.5
White Sucker 7+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	7.2	57	28	25	---	500	< 1.4	---	---	120	< 1.0	19	< 1.0	280	< 1.0	6.9	55	8.6	< 1.1	37	66	31	---	99	---	2.1	---	< 1.4	91	< 1.0	---	6.7	8.8	---	---	4.8
White Sucker 8+	01-Sep-2007	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	5	7.2	66	22	17	---	480	< 1.1	---	---	130	< 0.80	19	< 0.90	260	< 0.90	4.1	43	7.3	< 0.90	23	55	23	---	88	---	< 0.80	---	< 1.2	70	< 0.90	---	5.6	6.0	---	---	3.6
	11-Aug-2009	4	< 9.9	91	31	25	---	340	< 15	---	---	89	< 18	27	< 5.9	240	< 18	< 9.0	38	< 9.9	< 12	13	56.6	24.9	---	80	---	< 7.3	---	< 11	58	< 7.2	---	< 6.6	< 8.3	---	---	< 5.8
White Sucker 9+	01-Sep-2007	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	4	14	120	36	37	---	800	< 1.0	---	---	210	< 0.70	27	< 0.80	390	< 0.80	7.5	61	12	< 0.80	41	73	31	---	120	---	3.9	---	< 1.1	90	2.8	---	9.3	9.3	---	---	4.5
White Sucker 10+	11-Aug-2009	4	< 6.7	48	19 [#1]	20.0	---	245	< 10	---	---	84	< 12	< 11	< 4.0	157	< 12	< 5.8	26.0	< 6.3	< 8.0	< 7.0	36.3	< 5.4	---	53.6	---	< 5.7	---	< 8.4	60.1 [#1]	< 5.7	---	< 4.5	< 6.5 [#1]	---	---	< 3.9
CRL-1	27-Jun-2012	---	< 40	< 50	< 50	< 30	< 8.0	---	< 40	---	< 40	---	< 30	< 40	< 40	< 40	< 30	< 7.0	< 40	< 6.0	< 40	< 30	< 7.0	< 8.0	---	< 20	< 10	---	< 20	---	< 20	< 20	---	< 5.0	< 20	---	---	< 8.0
CRL-2	27-Jun-2012	---	< 10	147	< 20	107	49.1	---	< 20	---	83	---	< 10	39	< 10	207	< 10	< 2.0	50	< 2.0	< 10	< 10	< 2.0	< 2.0	---	< 6.0	< 5.0	---	< 7.0	---	38.0	< 5.0	---	< 1.0	< 5.0	---	---	< 2.0
CRL-3	26-Jun-2012	---	< 20	158	< 20	132	46.0	---	< 20	---	< 20	---	< 20	< 20	< 20	165	< 20	< 4.0	< 20	< 3.0	< 20	< 20	< 4.0	< 4.0	---	< 10	< 8.0	---	< 10	---	< 10	< 8.0	---	< 3.0	< 9.0	---	---	< 4.0
CRL-FB2	27-Jun-2012	---	< 100	< 200	< 200	< 100	< 20	---	< 200	---	< 200	---	< 100	< 200	< 100	< 200	< 100	< 20	< 100	< 20	< 100	< 100	< 30	< 30	---	< 80	< 60	---	< 90	---	< 90	< 70	---	< 20	< 70	---	---	< 30
Forage Fish	04-Nov-2014	---	12.4	120	23.2	34.4	---	977	1.36	< 0.0682	---	108	0.201 [#1]	---	< 0.0682	213	1.35 [#1]	13.4	88.5	12.3	0.131 [#1]	---	335	69.6	48.4	---	---	8.19	---	102	---	---	4.46	---	20.9 [#1]	0.0719	< 0.0682	7.07
Invertebrates	22-Aug-2014	---	27.4	410	177	151	---	3100	5.44	< 0.295	---	467	< 0.295	---	< 0.295	1270	1.37 [#1]	45.3	313	36	< 0.295	---	728	154	134	---	---	33.5	---	547	---	---	15.7	---	85.6	0.265	< 0.295	22.1
Edith Lake																																						
Brook Trout 1+	11-Aug-2009	7	< 4.3	25.3	16.1 [#1]	18.7	---	65.3	< 6.7	---	---	43.3	< 7.9	< 7.0	< 2.6	117	< 8.1	< 1.7	12.1	< 1.9	< 5.2	8.0	15.0	6.9	---	25.1	---	< 2.4	---	< 3.5	28.5	< 2.3	---	2.4 [#1]	< 2.7	---	---	< 1.7
	01-Sep-2011	4	8.9 [#1]	69.4	43.4 [#1]	37.8	---	191	< 2.0	---	---	57.5	< 3.0	< 2.0	< 2.0	213	< 2.0	< 1.0	12.4	< 1.0	< 2.0	12.0	38.0 [#1]	15.3 [#1]	---	43.4	---	< 1.0	---	< 1.0	45.0	2.0 [#1]	---	8.3 [#1]	15.7	---	---	< 1.0
(Duplicate)	01-Sep-2011	4	24.9	190	94.6	125	---	258	< 8.0	---	---	162	< 9.0	22.8 [#1]	< 7.0	709	< 8.0	5.2	53.0	< 3.0	< 8.0	47.7	56.1	19.8	---	129 [#1]	---	< 4.0	---	< 4.0	140	< 4.0	---	6.1	37.0 [#1]	---	---	< 2.0
	01-Sep-2012	3	12.4	130	80.0	68.9	---	317	2.5 [#1]	---	---	142	< 1.0	18.7	< 0.80	441	3.1 [#1]	6.39 [#1]	39.7	5.28 [#1]	< 0.90	28.6	62.3	22.4	---	99.0	---	3.66 [#1]	---	4.2 [#1]	94.7	4.48 [#1]	---	11.5 [#1]	31.5	---	---	3.50 [#1]

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 176 (ng/kg)	PCB 177 (ng/kg)	PCB 178 (ng/kg)	PCB 179 (ng/kg)	PCB 180 (ng/kg)	PCB 180/193 (ng/kg)	PCB 181 (ng/kg)	PCB 182 (ng/kg)	PCB 183 (ng/kg)	PCB-183/185 (ng/kg)	PCB 184 (ng/kg)	PCB 185 (ng/kg)	PCB 186 (ng/kg)	PCB 187 (ng/kg)	PCB 188 (ng/kg)	PCB 189 (ng/kg)	PCB 190 (ng/kg)	PCB 191 (ng/kg)	PCB 192 (ng/kg)	PCB 193 (ng/kg)	PCB 194 (ng/kg)	PCB 195 (ng/kg)	PCB 196 (ng/kg)	PCB 196/203 (ng/kg)	PCB 197 (ng/kg)	PCB 197/200 (ng/kg)	PCB 198 (ng/kg)	PCB 198/199 (ng/kg)	PCB 199 (ng/kg)	PCB 200 (ng/kg)	PCB 201 (ng/kg)	PCB 201/204 (ng/kg)	PCB 202 (ng/kg)	PCB 203 (ug/kg)	PCB 204 (ng/kg)	PCB 205 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - Continued																																							
	22-Sep-2015	3	23.4	166	102	116	---	553	2.69	3.31	---	209	1.43	---	< 0.0968	612	3.58	6.78	40.4	9.33	0.132	---	85.9	33	51.1	---	---	14.8	---	146	---	---	17.5	---	45.8	0.0775	0.333	4.86
	30-Aug-2016	2	13.1	85	58.8	67.3	---	391	1.6	< 0.0548	---	117	1.09	---	< 0.0548	335	3.06	5.23	23.5	4.94	< 0.0548	---	69.4	26.4	36.2	---	---	11.2	---	102	---	---	14.2	---	33.5	0.0603	0.291	3.76
	13-Sep-2017	3	15.1	110	81.5	78	---	433	1.99	2.64	---	140	1.43	---	< 0.0879	460	4.4	5.89	29.5	6.11	0.175 #1	---	74.8	28.4	42	---	---	12.7	---	117	---	---	16.8	---	45.3	0.0673	0.373 #1	4.58
	30-Aug-2018	3	8.42	66.2	44.9	48.5	---	294	1.36 #1	< 0.275	---	85.3	0.95 #1	---	< 0.275	338	2.98	3.43	18.4	4.5	< 0.275	---	62.4	21.4	30.1	---	---	9.45	---	90	---	---	11.1	---	34.2	0.0499	0.25	3.05
	06-Sep-2019	4	9.53	71.2	54.2	52.3	---	281	1.26	2.2	---	97.9	1.26	---	< 0.058	330	2.66	3.66	18.5	4.26	0.079	---	46.1	17.9	21.6	---	---	8.04	---	74.2	---	---	10	---	25	0.0371	0.226	2.61
(Replicate B)	06-Sep-2019	4	11.4	90	70.4	63	---	384	1.46	2.67	---	122	1.54	---	< 0.0564	392	3.77	4.97	27.8	5.97	0.125	---	74.7	28	23.8	---	---	11	---	104	---	---	14.4	---	39.4	0.0421	0.331	3.91
	26-Aug-2020	7	8.95	57.9	43.6	44.4	---	256	1	1.61	---	82	1.11	---	< 0.0579	250	1.96	3.33	16.3	3.67	0.115	---	42	17.2	25.8	---	---	7.51	---	70.2	---	---	9.53	---	21.5	0.0397	0.278	2.56
	30-Sep-2021	8	---	---	---	---	60.6	---	---	---	---	---	---	---	---	---	---	< 0.91	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	30-Sep-2021	8	1.90	14.2	11.2	10.3	---	60.6	0.30	< 0.18	19.9	---	0.46	1.72	< 0.15	57.6	0.40	---	5.03	0.94	< 0.18	---	11.8	4.22	6.09	---	0.65	---	---	15.2	---	0.96	1.70	---	4.23	0.00885	< 0.098	0.60
	13-Oct-2022	2	---	---	---	---	116	---	---	---	---	---	---	---	---	---	---	1.86	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	13-Oct-2022	2	0.97	17.5	16.2	7.16	---	116	< 0.57	< 0.48	29.3	---	0.40	< 0.61	< 0.41	79.7	< 0.37	---	9.96	2.02	< 0.49	---	22.6	6.03	10.4	---	0.66	---	---	31.3	---	0.90	1.24	---	4.62	0.0143	< 0.16	0.99
	14-Sep-2023	2	---	---	---	---	96.6	---	---	---	---	---	---	---	---	---	---	1.23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	14-Sep-2023	2	2.16	20.3	18.4	11.0	---	96.6	< 0.56	0.71	28.8	---	1.10	1.63	< 0.41	107	1.15	1.23	10.0	1.10	< 0.49	---	14.9	5.21	9.33	---	1.19	---	---	24.4	---	< 0.23	3.60	---	8.87	0.0144	< 0.22	1.33
	15-Aug-2024	5	2.33	19.3	13.0	8.40	---	87.0	< 0.27	0.43	21.3	---	0.86	1.80	< 0.20	63.2	0.29	1.40	5.24	1.39	< 0.22	---	7.81	2.18	4.72	---	0.760	---	---	13.2	---	0.67	1.66	---	3.39	0.00635	< 0.097	0.58
Brook Trout 2+	11-Aug-2009	4	< 3.3	39.2	22.7	16.1	---	101	< 5.1	---	---	51.4	< 6.0	< 5.3	< 2.0	136	< 6.1	< 2.1	12.4	< 2.3	< 4.0	5.5	34.3	7.1	---	29.1	---	< 2.5	---	< 3.7	28.4	< 2.5	---	< 2.7	7.6	---	---	< 2.4
	11-Aug-2010	5	22.2	334	169	127	---	1650	< 1.9	---	---	459	< 1.3	78.3	< 1.0	1170	< 1.3	12.5	99.6	23.7	< 1.7	81.6	130	31.3	---	135	---	5.1	---	2.5	101	7.1	---	24.4	24.3	---	---	6.4
	01-Sep-2011	4	32.4	301	126 #1	175	---	1410	< 2.0	---	---	334	< 3.0	68.2	< 2.0	790	< 3.0	12.5 #1	84.0	16.6	< 2.0	60.2	135	49.6 #1	---	171	---	4.3 #1	---	4.8	150	12.3	---	24.4	24.4	---	---	< 2.0
	01-Sep-2012	3	29.7	244	131	152	---	810	< 1.0	---	---	348	< 1.0	53.9	< 0.80	829	< 1.0	8.76	76.1	13.0	< 0.90	54.0	91.4	27.0	---	136	---	4.74 #1	---	3.36	115	6.83 #1	---	12.6 #1	24.7	---	---	5.24 #1
	01-Sep-2013	3	30.2	356	212	258	---	1520	5.08	12.6	---	427	1.02	---	< 0.0925	1410	3.52	15	106	27.8	< 0.111	---	154	44.5	81.5	---	---	22.7	---	223	---	---	20.6	---	51.2	0.142	0.252	7.89
	21-Sep-2014	4	28	382	181	192	---	1070	4.73	8.04	---	511	0.559	---	< 0.142	1200	1.19 #1	7.45	124	29.1	< 0.159	---	97.6	31.2	68.6	---	---	12.3	---	161	---	---	13	---	27.9	0.0938	< 0.0574	4.47
(Replicate A)	21-Sep-2014	1	21.4	256	114	116	---	743	3.3	5.6	---	324	0.737	---	< 0.082	761	1.28	5.87	79.6	17.2	< 0.0921	---	71.5	25.7	55.9	---	---	9.73 #3	---	125	---	---	12.9	---	21.8	0.0699	0.129 #1	3.88
(Replicate B)	21-Sep-2014	1	4.41	49.7	28.7	25.3	---	178	0.677	1.12 #1	---	73.3	0.396 #1	---	< 0.0579	186	0.433 #1	1.62	18.1	4.19	< 0.0579	---	22.9	7.27	14.4	---	---	2.75 #3	---	35.6	---	---	3.53	---	7.12	0.0225	< 0.0579	1.35
	22-Sep-2015	1	1.4	15	10	8.57	---	87.1	0.264	0.286	---	26.5	0.23 #1	---	< 0.066	68.1	0.217 #1	1.36	6.57	1.49	< 0.0732	---	14	3.79	6.94	---	---	1.41	---	17.9	---	---	1.74	---	4	0.0103	< 0.055	0.708
	30-Aug-2016	2	18.4	147	88.4	98.2	---	944	2.55	< 0.0563	---	206	0.48	---	< 0.0563	608	1.45	10.4	59.5	12.3	< 0.0563	---	79.4	28	48	---	---	10.5	---	146	---	---	12.1	---	24.3	0.0861	0.104 #1	4.94
	13-Sep-2017	3	4.84 #1	61.2	38	27.1	---	325	1.12	1.45	---	91.7	0.665	---	< 0.0788	249	1.69	3.5	22	4.35	< 0.0803	---	51.6	17.8	24.8	---	---	6.28	---	68.4	---	---	8.58	---	19.3	0.0446	0.21 #1	3.06
	30-Aug-2018	3	6.86	54	45.8	39.7	---	264	0.987	1.5	---	85.1	0.68	---	< 0.0674	304	1.8	2.79	19.1	4.15	0.239 #1	---	40.8	13.7	26.9	---	---	7.69 #1	---	68.8	---	---	9.3	---	23.6	0.0414	0.198 #1	2.35
(Replicate A)	06-Sep-2019	4	3.52	41.4	26.9	18.4	---	216	0.716	1.2	---	63	0.405	---	< 0.0577	181	1.19	2.33	16.3	3.15	< 0.0577	---	43.3	15.3	21.4	---	---	4.75	---	57.7	---	---	5.96	---	14.2	0.0297	0.139	2.22
(Replicate B)	06-Sep-2019	4	5.2	48.3	30.4	25.5	---	240	0.814	1.44	---	72.2	0.44	---	< 0.0567	197	1.01	2.71	15.2	3.36	0.087	---	38.1	13.7	19.5	---	---	4.62	---	51.3	---	---	6	---	14.3	0.0274	0.102	1.99
	26-Aug-2020	2	8.04	74	57.9	45.4	---	363	1.32 #1	1.96	---	106	1.28	---	< 0.058	323	2.23	4.76	23.6	5.19	0.151 #1	---	59.1	21.9	36.3	---	---	9.26	---	102	---	---	12.4	---	27.2	0.0546	0.366 #1	4.06
	30-Sep-2021	10	---	---	---	---	84.9	---	---	---	---	---	---	---	---	---	---	1.03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	30-Sep-2021	10	2.17	17.5	12.1	13.3	---	84.9	0.26	< 0.14	25.8	---	0.25	2.34	< 0.12	72.8	0.42	---	8.05	1.56	< 0.14	---	16.4	5.42	7.66	---	0.820	---	---	18.9	---	0.955	2.44	---	4.92	0.0114	< 0.052	0.70
	13-Oct-2022	8	---	---	---	---	538	---	---	---	---	---	---	---	---	---	---	6.63	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	13-Oct-2022	8	10.1	101	61.5	62.4	---	538	1.28	< 0.17	127	---	0.41	17.0	< 0.14	355	0.78	---	37.3	11.7	< 0.17	---	60.0	14.7	26.3	---	1.60	---	---	59.3	---	3.47	5.67	---	10.4	0.0372	0.054	2.75
	14-Sep-2023	3	---	---	---	---	345	---	---	---	---	---	---	---	---	---	---	< 3.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	14-Sep-2023	3	1.33	33.0	28.3	16.6	---	345	0.54	1.20	45.3	---	< 0.22	3.92	< 0.24	228	0.50	3.70	25.2	4.30	< 0.29	---	41.6	5.10	10.8	---	0.36	---	---	42.9	---	1.10	1.60	---	4.91	0.0374	< 0.12	2.60
	15-Aug-2024	6	2.80	26.2	24.8	23.1	---	280	0.43	0.47	60.3	---	< 0.24	< 0.34	< 0.25	164	0.44	4.04	20.3	5.10	< 0.28	---	41.6	7.20	15.4	---	0.900	---	---	32.8	---	1.52	2.99	---	6.26	0.0270	< 0.092	2.28
Brook Trout 3+	11-Aug-2010	3	30.4	367	196	174	---	1710	< 2.0	---	---	474	< 1.3	73.4	< 1.0	1360	< 1.3	9.05	95.3	27.5 #1	< 1.7	85.0	119	33.9	---	133	---	4.5	---	2.9	109	9.8	---	22.9	28.4	---	---	5.0
	01-Sep-2011	3	26.3	266	110	158	---	908	< 5.0	---	---	281	< 7.0	66.3	< 3.0	893	< 6.0	7.9 #1	81.8	11.6 #1	< 3.0	43.5 #1	102	35.6 #1	---	117	---	< 2.0	---	< 3.0	110	< 3.0	---	15.1	22.5	---	---	< 2.0
	01-Sep-2012	5	41.4	353	162	201	---	1090	5.7	---	---	432	< 1.0	75.3	< 0.80	1050	< 1.0	11.1	105	15.7	< 0.90	70.3	121	37.9	---	173	---	6.40	---	5.36 #1	163	11.4 #1	---	14.9	25.9	---	---	7.26 #1
(Replicate A)	01-Sep-2013	3	44.9	397	202	255	---	1800	5.56	10.2	---	667	0.826	---	< 0.107	1420	1.94	20.2	136	36.2	< 0.127	---	191	57.6	114	---	---	24.4	---	215	---	---	25.1	---	44.6	0.147	< 0.0939	9.29
(Replicate B)	01-Sep-2013	3	28.8	297	176	207	---	1660	4.1	8.17	---	492	0.51	---	< 0.0682	1160	1.51	20.6	127	32.7	< 0.0815	---	175	41.8	86.2	---	---	22.6	---	172	---	---	17.5	---	39	0.121	< 0.0853	8.57
(Duplicate)	01-Sep-2013	3	36.8	380	176	220	---	1620	4.6	8.46	---	571	0.886	---	< 0.0636	1240	1.72	18.3	115	31	< 0.0759	---	164	48.7	97.5	---	---	21.5	---	183	---	---	20.9	---	39	0.126	0.105 #1	7.94
(Known (External Reference Material) Duplicate)	01-Sep-2013	3	47.0	492	250	336	---	1970	< 3.0	---	---	738	< 4.0	119	< 2.0	1780	< 4.0	27.5	200	28.6	< 3.0	112	213	53.9	---	286	---	4.6 #1	---	7.9 #1	242	15.6 #1	---	22.6	47.9	---	---	14.5 #1
	21-Sep-2014	4	27.6	290	169	204	---	1310	4.07	8.02	---	400	0.388 #1	---	< 0.0569	1150	1.55	11.6	90.7	23.4	< 0.058	---	118	35.8	66.5	---	---	14	---	156	---	---	13.4	---	30.5	0.0935	0.062 #1	5.03
(Replicate A)	21-Sep-2014	1	20.5	182	87.8	97	---	714	2.58	3.66	---	226	0.479	---	< 0.0571	539	1.2	8.3	54.1	12.7	< 0.0571	---	79.4	29	47.6	---	---	8.62 #3	---	112	---	---	11.1	---	22.2	0.0585	0.107 #1	4.2
(Replicate B)	21-Sep-2014	1	20.6	227	125	128	---	1100	3.43	6.56	---	306	0.723	---	< 0.0714	860	1.91	10.2	78.7	18.1	< 0.0775	---	117	36.9	57.3	---	---	11.5	---	148	---	---	14.3	---	32.3	0.088	0.178 #1	5.48
	22-Sep-2015	3	18.4	163	78.5	101	---	648	2.16	2.66	---	225	0.542	---	< 0.0693	552	0.913	6.52	42.1	11.1	< 0.0808	---	60.6	20.3	35.7	---	---	7.9	---	78.4	---	---	9.01	---	18.4	0.0434	0.091	3.06
(Duplicate)	22-Sep-2015	3	17.4	150	78.7	93.7	---	629	2.16	2.96	---	225	0.452	---	< 0.0942	521 #3	0.861	6.62	44	10.8	< 0.11	---	57.6	20.2	34.6	---	---	7.37 #3	---	78.2	---	---	8.47	---	17.2	0.0444	< 0.0573	2.63
	30-Aug-2016	1	13.3	138	79	89.1	---	852	2.39	< 0.0576	---	187	0.371 #1	---	< 0.0576	576	0.764 #1	9.25	54	10.4	< 0.0576	---	74.9	21.1	33.8	---	---	6.27	---	103	---	---	7.47	---	16.3	0.0579	< 0.0576	3.94
	13-Sep-2017	3	5.96	76.5	45	42.4	---	459	1.08	1.35	---	113	0.246	---	< 0.0896	292	0.562	4.87	29.3	6.55	0.095 #1	---	48	12.6	22.3	---	---	4.15	---	54.2	---	---	5.52	---	12.5	0.033	0.065	2.29
(Duplicate)	13-Sep-2017	3	5.61	70.8	41.4	39.8	---	424	1.03	1.15	---	106	0.272	---	< 0.084	275	0.573	4.97	26.6	5.88	< 0.0856	---	44.8	12.3	21.8	---	---	4.03	---	52.4	---	---	5.27	---	11.4	0.0306	< 0.0551	2.32

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 176 (ng/kg)	PCB 177 (ng/kg)	PCB 178 (ng/kg)	PCB 179 (ng/kg)	PCB 180 (ng/kg)	PCB 180/193 (ng/kg)	PCB 181 (ng/kg)	PCB 182 (ng/kg)	PCB 183 (ng/kg)	PCB-183/185 (ng/kg)	PCB 184 (ng/kg)	PCB 185 (ng/kg)	PCB 186 (ng/kg)	PCB 187 (ng/kg)	PCB 188 (ng/kg)	PCB 189 (ng/kg)	PCB 190 (ng/kg)	PCB 191 (ng/kg)	PCB 192 (ng/kg)	PCB 193 (ng/kg)	PCB 194 (ng/kg)	PCB 195 (ng/kg)	PCB 196 (ng/kg)	PCB 196/203 (ng/kg)	PCB 197 (ng/kg)	PCB 197/200 (ng/kg)	PCB 198 (ng/kg)	PCB 198/199 (ng/kg)	PCB 199 (ng/kg)	PCB 200 (ng/kg)	PCB 201 (ng/kg)	PCB 201/204 (ng/kg)	PCB 202 (ng/kg)	PCB 203 (ug/kg)	PCB 204 (ng/kg)	PCB 205 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - Continued																																						
	30-Aug-2018	3	3.63	39.6	33.1	23.7	---	321	1.27 #1	< 0.285	---	74.8	0.669 #1	---	< 0.285	219	1.07	3.04	20.2	4.25 #1	< 0.285	---	42.1	14	24.1	---	---	4.57	---	48.7	---	---	5.79	---	15.4	0.038	0.053 #1	2.58
	06-Sep-2019	4	4.55	55.2	33.6	25.5	---	346	0.756	1.2	---	80.2	0.395	---	< 0.0555	246	1.02	3.83	24.2	5.05	0.095	---	52.4	17.3	23.8	---	---	4.32	---	60.2	---	---	6.01	---	14	0.0371	0.097	2.52
(Duplicate)	06-Sep-2019	4	4.75	62.9	38.3	26.4	---	361	0.911	1.58	---	85.6	0.529	---	< 0.0575	261	1.12	4.19	22.9	4.41	0.103	---	47.6	15.3	17.7	---	---	4.08	---	53.2	---	---	6.45	---	14.2	0.0318	0.131	2.62
	26-Aug-2020	5	4.87	47.9	28.3	23.8	---	249	0.603 #1	1.21 #1	---	72.5	0.349	---	< 0.0573	173	0.621 #1	3.03	15	3.54	< 0.0573	---	27.7	11.2	19.6	---	---	4.25	---	47.9	---	---	4.99	---	8.95	0.0268	< 0.0573	2.11
(Duplicate)	26-Aug-2020	5	7.23	65.6	52.2	41.5	---	316	1.06	1.65	---	94	1.05	---	< 0.058	279	2.18	4.16	20.4	4.32	0.099 #1	---	44.9	18.7	31.6	---	---	8.37	---	89.6	---	---	11.7	---	23.8	0.048	0.292	3.5
	30-Sep-2021	3	---	---	---	---	151	---	---	---	---	---	---	---	---	---	---	1.76	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	30-Sep-2021	3	4.40 #4	33.3 #4	19.1 #4	20.8 #4	---	151 #4	0.30 #4	< 0.21 #4	42.6 #4	---	0.25 #4	5.61 #4	< 0.18 #4	119 #4	0.49 #4	---	11.1 #4	2.71 #4	< 0.21 #4	---	22.2 #4	7.61 #4	12.5 #4	---	0.983 #4	---	---	27.4 #4	---	1.80 #4	3.18 #4	---	6.29 #4	0.0165 #4	< 0.068 #4	0.790 #4
	13-Oct-2022	8	---	---	---	---	182	---	---	---	---	---	---	---	---	---	---	2.22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	13-Oct-2022	8	3.23	33.1	23.9	21.6	---	182	0.29	< 0.14	47.3	---	0.23	5.97	< 0.11	138	0.44	---	15.0	3.45	< 0.13	---	28.1	7.66	13.6	---	0.780	---	---	30.7	---	1.34	3.15	---	5.71	0.0199	< 0.061	1.30
	14-Sep-2023	5	---	---	---	---	282	---	---	---	---	---	---	---	---	---	---	< 4.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	14-Sep-2023	5	2.70	34.8	29.9	25.2	---	282	1.30	0.92	56.7	---	< 0.51	8.40	< 0.55	217	< 0.52	4.00	29.0	5.10	< 0.67	---	33.4	6.00	12.1	---	0.51	---	---	37.3	---	1.10	3.02	---	6.70	0.0257	< 0.41	2.40
(Duplicate)	14-Sep-2023	5	---	---	---	---	317	---	---	---	---	---	---	---	---	---	---	4.80	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Duplicate)	14-Sep-2023	5	3.50	42.3	33.2	28.4	---	317	0.91	1.20	67.6	---	< 0.43	9.41	< 0.47	241	< 0.45	4.80	39.0	4.54	< 0.56	---	35.1	6.45	16.0	---	1.10	---	---	40.9	---	1.60	3.78	---	6.90	0.0319	< 0.26	3.20
	15-Aug-2024	2	1.98	18.7	17.7	16.2	---	175	< 0.25	< 0.21	39.2	---	< 0.18	5.03	< 0.19	120	< 0.19	2.74	11.7	2.90	< 0.21	---	25.1	4.94	10.8	---	0.67	---	---	29.8	---	0.97	1.90	---	4.98	0.0180	< 0.22	1.40
Brook Trout 4+	04-Oct-2006	5	39	480	230	< 0.10	---	4200	2.5	---	---	520	< 0.10	82	< 0.10	1600	2.8	32	150	41	< 0.10	89	360	91	---	580	---	9.7	---	< 0.20	590	20	---	< 0.10	120	---	---	14
	01-Sep-2011	2	117	737	326	506	---	3160	6.4 #1	---	---	784	< 4.0	151	< 2.0	2070	< 3.0	21.0	175	42.9	< 2.0	142	265	92.7	---	405	---	11.5 #1	---	11.6 #1	335	28.3	---	49.5	56.2	---	---	11.5 #1
	01-Sep-2013	2	45.5	566	234	285	---	2170	6.36	10.5	---	677	0.812	---	< 0.0919	1640	1.78	22.2	168	38.5	< 0.11	---	215	71.6	120	---	---	27.7	---	277	---	---	23.6	---	47.2	0.172	< 0.0585	10.6
	21-Sep-2014	1	46.3	401	228	303	---	1850	5.18	13.8	---	693	0.825	---	< 0.0572	1620	1.66	17	130	35.9	< 0.0621	---	164	52.1	108	---	---	20.4	---	220	---	---	24.6	---	42.5	0.139	0.107 #1	7.58
(Replicate B)	22-Sep-2015	1	31.4	286	164	197	---	1340	4.17	5.48	---	453	0.84	---	< 0.0765	1170	1.35	13.8	90.4	22.1	< 0.0892	---	122	35.5	68	---	---	14.8	---	155	---	---	15.5	---	35.1	0.0906	0.058 #1	6.04
(Replicate A)	23-Sep-2015	1	18.2	239	128	129	---	937	2.82	5.71	---	251	0.62	---	< 0.0619	908	1.36	10.9	70.3	14.6	< 0.069	---	102	30.6	51.3	---	---	11.1	---	152	---	---	11.9	---	27.7	0.079	0.11 #1	5.4
	30-Aug-2016	1	16.1	147	95.6	112	---	945	1.85	< 0.057	---	192	0.346	---	< 0.057	623	0.818	9.1	53.8	11.5	< 0.057	---	72.2	21.5	42	---	---	7.96	---	114	---	---	8.81	---	19.2	0.0606	0.079	3.67
	13-Sep-2017	1	6.97	79.2	47.4	49.4	---	468	1.3	1.26	---	114	0.288	---	< 0.104	318	0.45	4.43	32.6	6.42	< 0.106	---	48.8	12.1	21.3	---	---	4.32	---	57.7	---	---	4.92	---	10.8	0.0352	< 0.0709	2.57
	30-Aug-2018	1	5.84	66.6	47.6	39.4	---	377	1.08	1.64	---	111	0.444 #1	---	< 0.0613	335	0.804 #1	3.18	24.9	5.84	< 0.0711	---	39	11.8	19.7	---	---	4.19	---	47.7	---	---	5.64	---	13.5	0.0299	< 0.278	1.75
	26-Aug-2020	2	3.41	38	24.4	21.7	---	183	0.644	1.04	---	54.4	0.399	---	< 0.0576	149	0.692	2.31	11.8	2.88	< 0.0576	---	16.7	7.78	14	---	---	3.12	---	34.1	---	---	4.23	---	8.4	0.0192	0.104 #1	1.27
	14-Sep-2023	5	---	---	---	---	232	---	---	---	---	---	---	---	---	---	---	2.93	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	14-Sep-2023	5	2.50	30.0	23.0	16.5	---	232	< 0.60	0.66	51.3	---	< 0.40	6.40	< 0.44	171	0.56	2.93	21.0	4.10	< 0.53	---	27.6	6.79	13.9	---	1.30	---	---	33.4	---	1.40	2.80	---	5.77	0.0240	< 0.23	2.20
	15-Aug-2024	1	1.51	13.8	13.0	12.0	---	115	< 0.26	< 0.23	27.6	---	< 0.19	4.34	< 0.20	82.1	< 0.20	1.20	7.88	2.03	< 0.22	---	14.4	3.32	7.17	---	0.44	---	---	16.6	---	0.62	1.40	---	2.81	0.0123	< 0.11	0.74
Brook Trout 5+	04-Oct-2006	4	8.2	130	62	< 0.10	---	1100	< 0.10	---	---	140	< 0.10	19	< 0.10	470	< 0.10	7.5	41	8.0	0	21	85	20	---	160	---	3.2	---	< 0.20	180	5.1	---	< 0.10	35	---	---	4.1
	01-Sep-2011	2	31.2	411	201	186	---	1590	< 2.0	---	---	441	< 3.0	87.2	< 2.0	1220	< 3.0	11.8	130	22.7	< 2.0	81.8	186	56.6 #1	---	219	---	5.7 #1	---	5.2 #1	208	11.9 #1	---	21.9	28.9	---	---	8.1
	01-Sep-2013	1	26.6	244	127	184	---	1120	3.24	6.1	---	377	0.282	---	< 0.24	910	0.815	11.8	90.2	22.6	< 0.307	---	119	30.1	57.6	---	---	12.9	---	118	---	---	9.77	---	22.2	0.0839	< 0.248	4.59
	21-Sep-2014	1	30.1	391	191	222	---	1570	4.44	10.9	---	526	0.652	---	< 0.0821	1340	1.51	13.4	122	30.3	< 0.0891	---	141	50.4	85.7	---	---	14.3	---	192	---	---	18.2	---	34.8	0.106	< 0.057	6.09
	30-Aug-2016	1	72.3	676	423	462	---	4350	8.41	16	---	1040	1.11	---	< 0.057	2670	3.28	42.4	252	60.5	< 0.057	---	380	114	203	---	---	35.7 #3	---	457	---	---	42.3	---	82.6	0.278	0.129 #1	16.1
(Duplicate)	30-Aug-2016	1	74.2	685	438	482	---	4410	8.63	18.4	---	1070	1.13	---	< 0.101	2790	3.36	42.4	249	60.1	< 0.11	---	370	115	208	---	---	33.1	---	460	---	---	42.9	---	83.2	0.276	0.159	16.6
	30-Sep-2021	1	---	---	---	---	225	---	---	---	---	---	---	---	---	---	---	3.14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	30-Sep-2021	1	2.76	39.5	28.0	21.0	---	225	0.68	< 0.17	57.0	---	0.39	< 0.19	< 0.14	167	0.77	---	18.1	4.24	< 0.17	---	39.6	10.0	17.9	---	1.19	---	---	38.9	---	1.53	4.33	---	8.19	0.0248	< 0.067	1.78
	15-Aug-2024	1	4.25	56.7	49.5	47.1	---	433	0.85	1.00	79.5	---	0.33	12.5	< 0.23	329	0.72	5.00	28.2	5.52	< 0.26	---	56.1	10.6	21.4	---	1.34	---	---	60.5	---	2.56	4.42	---	9.95	0.0402	< 0.15	2.62
Brook Trout 6+	14-Sep-2023	3	---	---	---	---	324	---	---	---	---	---	---	---	---	---	---	3.22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	14-Sep-2023	3	3.99	44.8	33.1	27.3	---	324	0.99	< 0.78	87.4	---	< 0.63	11.3	< 0.68	256	< 0.89	3.22	25.7	5.42	< 0.82	---	33.0	7.67	17.1	---	1.76	---	---	36.0	---	1.26	3.40	---	7.60	0.0298	< 0.12	2.10
Brook Trout 11+	01-Sep-2007	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	2	7.3	110	97	150	---	690	< 1.2	---	---	100	< 0.80	18	< 0.90	580	2.3	6.6	51	8.4	< 1.0	52	65	13	---	83	---	2.4	---	< 1.3	110	3.7	---	7.4	26	---	---	< 1.0
Brook Trout 12+	01-Sep-2007	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11-Sep-2007	3	4.5	75	55	90	---	540	< 1.0	---	---	73	< 0.70	10	< 0.80	390	1.7	5.9	38	5.4	< 0.80	31	59	9.2	---	68	---	1.9	---	< 1.2	89	2.8	---	7.3	21	---	---	3.0
Brook Trout Unknown	23-Jul-2008	2	6.0	42	27	30	---	110	0.85	---	---	46	0.58	5.8	< 0.20	150	1.7	2.3	11	1.8	< 0.20	9.7	28	10	---	41	---	2.3	---	< 0.20	48	2.9	---	7.3	21	---	---	1.4
(Replicate A)	23-Jul-2008	2	5.9	43	27	27	---	110	0.92	---	---	47	0.51	6.1	< 0.30	160	1.3	2.3	12	1.6	< 0.30	9.5	27	9.1	---	40	---	1.9	---	< 0.30	47	2.3	---	6.1	17	---	---	1.9
(Replicate B)	23-Jul-2008	2	3.5	31	18	22	---	110	0.45	---	---	38	0.32	5.5	< 0.20	110	0.90	2.4	10	1.8	< 0.20	9.0	25	7.4	---	31	---	1.4	---	< 0.20	35	1.7	---	4.5	12	---	---	1.6
(Replicate C)	23-Jul-2008	2	4.4	31	20	20	---	82	0.64	---	---	33	0.42	4.6	< 0.20	120	1.3	1.8	8.0	1.3	< 0.20	6.5	21	7.1	---	33	---	1.8	---	< 0.20	39	2.1	---	4.6	15	---	---	1.2
Brook Trout (Stomach) 1+	01-Sep-2012	3	< 2.0	19.3 #1	12.0	11.3	---	43.2	< 2.0	---	---	30.8 #1	< 3.0	< 2.0	< 2.0	57.5	< 3.0	< 1.0	< 2.0	< 1.0	< 2.0	< 2.0	9.2	< 1.0	---	16.8 #1	---	< 1.0	---	< 1.0	15.8	< 1.0	---	< 1.0	< 1.0	---	---	< 1.0
Brook Trout (Stomach) 2+	01-Sep-2012	3	< 0.20	2.59 #1	1.75	1.51	---	8.23	< 0.20	---	---	3.57	< 0.30	< 0.20	< 0.20	8.04	< 0.30	< 0.10	0.95 #1	< 0.10	< 0.20	0.61 #1	1.30	< 0.10	---	2.00	---	< 0.10	---	< 0.10	1.44	< 0.10	---	< 0.10	< 0.10	---	---	< 0.10
Brook Trout (Stomach) 3+	01-Sep-2012	5	252	2850	1640	2060	---	8180	42.5	---	---	2120	2.31	470	< 0.50	8560	9.75	80.9	845	118	< 0.50	558	754	214	---	1120	---	14.4	---	31.8	1460	74.4	---	64.6	223	---	---	35.2

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 176 (ng/kg)	PCB 177 (ng/kg)	PCB 178 (ng/kg)	PCB 179 (ng/kg)	PCB 180 (ng/kg)	PCB 180/193 (ng/kg)	PCB 181 (ng/kg)	PCB 182 (ng/kg)	PCB 183 (ng/kg)	PCB-183/185 (ng/kg)	PCB 184 (ng/kg)	PCB 185 (ng/kg)	PCB 186 (ng/kg)	PCB 187 (ng/kg)	PCB 188 (ng/kg)	PCB 189 (ng/kg)	PCB 190 (ng/kg)	PCB 191 (ng/kg)	PCB 192 (ng/kg)	PCB 193 (ng/kg)	PCB 194 (ng/kg)	PCB 195 (ng/kg)	PCB 196 (ng/kg)	PCB 196/203 (ng/kg)	PCB 197 (ng/kg)	PCB 197/200 (ng/kg)	PCB 198 (ng/kg)	PCB 198/199 (ng/kg)	PCB 199 (ng/kg)	PCB 200 (ng/kg)	PCB 201 (ng/kg)	PCB 201/204 (ng/kg)	PCB 202 (ng/kg)	PCB 203 (ug/kg)	PCB 204 (ng/kg)	PCB 205 (ng/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - Continued																																						
(Re-analysis)	01-Sep-2012	5	1270	20100	5960	11000	---	12600	239	---	---	5860	< 7.0	2420	< 5.0	35400	28.0	153	5290	182	< 5.0	2920	1210	582	---	2380	---	23.8	---	50.6	4470	281	---	52.0	386	---	---	63.6
Certified Reference Materials																																						
CRM 918-050	23-Jul-2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
WMF-01-CRM	04-Oct-2006	---	1800	21000	11000	1800	---	120000	460	---	---	22000	170	2400	< 0.20	59000	280	2400	7200	1400	< 0.30	3200	19000	6800	---	44000	---	2200	---	2400	41000	2000	---	4200	14000	---	---	1500
	11-Sep-2007	---	3400	38000	21000	18000	---	130000	920	---	---	40000	210	4500	< 6.6	120000	300	2000	12000	1900	81	10000	20000	7300	---	38000	---	2100	---	< 10	38000	1700	---	5300	11000	---	---	1200
	23-Jul-2008	---	3000	31000	17000	11000	---	110000	700	---	---	33000	210	3600	4.8	100000	330	2000	8400	1200	58	6600	18000	6400	---	28000	---	1700	---	< 4.2	32000	1400	---	4400	11000	---	---	1200
	11-Aug-2009	---	3120	44600	20400	13800	---	119000	683	---	---	42000	177	4590	< 31	125000	335	1750	12400	1190	< 62	7380	25700	9690	---	49900	---	2210	---	2360	44800	2220	---	6740	12800	---	---	1310
	11-Aug-2010	---	3270	60500	29800	13600	---	178000	1270	---	---	64300	272	6370	< 7.8	152000	340	2040	13200	2220	101	13500	22500	8280	---	30600	---	2330	---	1540	27500	1780	---	10200	11600	---	---	1220
	01-Sep-2011	---	6160	65100	33000	23900	---	145000	1070	---	---	57500	385	6310	< 10	163000	349	1820	14500	1630	< 10	12100	27800	11200	---	52700	---	2460	---	2500	44500	2320	---	7440	11500	---	---	1320
	01-Sep-2012	---	4120	45400	24900	16000	---	107000	877	---	---	47800	262	4750	< 6.0	115000	378	2030	12500	1310	85.9	8750	21100	7360	---	39000	---	1920	---	1970	36700	1660	---	4830	11000	---	---	1320
NIST SRM 1946	11-Oct-2013	---	---	---	---	---	---	76100	---	---	---	27000	---	---	---	67000	---	---	---	---	---	---	14400	5320	---	---	---	---	---	---	---	---	2970	---	---	---	---	---
	31-Aug-2016	---	---	---	---	---	---	78900	---	---	---	23500	---	---	---	59400	---	---	---	---	---	---	13300	4450	---	---	---	---	---	---	---	---	2540	---	---	---	---	---
	03-Nov-2018	---	---	---	---	---	---	87600	---	---	---	27900	---	---	---	75400	---	---	---	---	---	---	13900	4470	---	---	---	---	---	---	---	---	2800	---	---	---	---	---
EDF-2524	15-Oct-2014	----	---	125	65.9	---	---	328	---	---	---	140	---	---	---	390	---	4.58	---	---	---	---	36.1	---	28.1	---	---	---	---	78.9	---	---	---	---	---	---	---	---
CRM EDF2524	23-Sep-2015	---	---	130	68.3	---	---	360	---	---	---	140	---	---	---	452	---	5.39	---	---	---	---	44.7	---	27.5	---	---	---	---	87.5	---	---	---	---	---	---	---	---
CRM EDF-5462	13-Oct-2022	---	---	---	---	---	2100	---	---	---	---	---	---	---	---	---	---	90.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	13-Oct-2022	---	16.0	191	186	57.5	---	2100	5.8	< 2.1	331	---	5.3	16.4	< 1.7	801	41.2	---	146	30.2	< 2.0	---	354	120	112	---	11.2	---	---	---	234	---	39.1	26.4	---	92.7	0.201	< 0.52	59.5
	15-Nov-2023	---	---	---	---	---	2110	---	---	---	---	---	---	---	---	---	---	86.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	15-Nov-2023	---	17.0	180	193	55.6	---	2110	< 7.3	10.0	311	---	< 4.9	16.0	< 5.3	843	34.1	86.8	108	26.4	< 6.3	---	288	93.3	108	---	16.2	---	---	233	---	34.0	26.0	---	95.8	0.192	< 2.3	63.8
	29-Oct-2024	---	95.8	511	235	341	---	490	< 3.0	< 2.5	662	---	2.2	7.1	< 2.2	1560	4.2	18.6	51.8	10.6	< 2.5	---	37.3	6.6	8.2	---	21.6	---	---	9.6	---	< 1.0	77.0	---	165	0.0416	< 0.97	3.2

NOTES:

< X
X

1. --- in guideline row(s) denotes no criteria for that parameter.
2. --- in detail data row(s) denotes parameter not analyzed.
3. Highlighting indicates parameters above applied guideline/criteria.
4. Highlighting indicates parameters above applied guideline/criteria.
5. Highlighting indicates non-detect parameters above applied guideline/criteria.
6. Highlighting indicates parameters at applied guideline/criteria.
7. Denotes values exceeding
   (Canadian Food Inspection Agency (CFIA), 2009. Fish Product Standards and Methods Manual. Appendix 3: Canadian Guidelines for Chemical Contaminants and Toxins in Fish and Fish Products.)
8. Superscript [#1] - EMPC
9. Superscript [#2] - RRR
10. Superscript [#3] - lock mass intereference (lab qualifier originally G)
11. Superscript [#4] - Labeled recoveries above method limits. Data is calculated by isotope dilution. Minimal impact to data quality.
12. Superscript [#5] - The recoveries of certain surrogates are outside method criteria. Native results, calculated via isotope dilution, are not expected to be biased.

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 206 (ng/kg)	PCB 207 (ng/kg)	PCB 208 (ng/kg)	PCB 209 (ng/kg)	Total Monochlorobiphenyls (ng/kg)	Total Dichlorobiphenyls (ng/kg)	Total Trichlorobiphenyls (ng/kg)	Total Tetrachlorobiphenyls (ng/kg)	Total Pentachlorobiphenyls (ng/kg)	Total Hexachlorobiphenyls (ng/kg)	Total Heptachlorobiphenyls (ng/kg)	Total Octachlorobiphenyls (ng/kg)	Total Nonachlorobiphenyls (ng/kg)	PCBs-TOTAL (ug/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	**2000**
Hatchery																
Brook Trout 0+	04-Oct-2006	10	44	4.1	26	32	---	---	---	---	---	---	---	---	---	5.5
	11-Sep-2007	10	29	6.0	16	24	---	---	---	730	1200	1500	730	190	---	4.5
	23-Jul-2008	10	17	2.9	8.7	7.2	---	---	---	660	640	700	280	120	---	2.8
(Duplicate)	23-Jul-2008	10	16	2.9	8.5	7.2	---	---	---	770	740	810	310	120	---	3.2
	11-Aug-2009	10	7.0 #1	< 3.4	< 3.2	4.0 #1	---	---	---	512	738	695	263	57.5	---	3.3
	11-Aug-2010	10	7.1	< 1.8	< 1.8	8.51	---	---	---	440	856	698	511	71.0	---	2.88
	01-Sep-2011	10	16.4	5.5	12.0	18.7	---	---	---	981	2110	2250	738	169	---	6.61
	01-Sep-2012	10	24.7	4.53 #1	9.02	16.3	---	---	---	1030	1650	1670	864	133	---	5.73
	01-Sep-2013	10	45.7	8.68	25	33.7	---	---	---	---	---	---	---	---	---	8.67
	21-Sep-2014	12	13.4	2.79	7.79	10.5	---	---	---	---	---	---	---	---	---	4.66
	22-Sep-2015	11	45.6	9.13	26.8	34.9	---	---	---	---	---	---	---	---	---	9.95
	30-Aug-2016	10	19.2	4.12	11.2	14.9	---	---	---	---	---	---	---	---	---	5.02
	30-Aug-2018	10	11.8	2.42	7.76	10	---	---	---	---	---	---	---	---	---	2.8
	06-Sep-2019	10	7.88	1.49	4.44	6.44	1.94	11.3	64.6	255	534	678	273	61.8	13.8	1.9
	26-Aug-2020	11	8.62	1.85	4.91	8.85	2.65	14.7	52.7	279	560	730	315	71.1	15.4	2.05
	30-Sep-2021	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	30-Sep-2021	10	0.68	0.280	0.365	0.650	1.04	10.1	23.1	59.1	94.2	123	48.0	9.48	1.33	0.37
	13-Oct-2022	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	13-Oct-2022	10	0.55	0.29	0.27	0.560	94.7	275	426	4850	4340	566	71.5	9.58	1.11	10.6
	15-Aug-2024	6	2.50	0.96	1.15	1.90	3.26	15.9	94.2	791	1440	1130	260	36.8	4.61	3.78
	24-Sep-2025	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake																
Brook Trout 1+	11-Aug-2009	8	10.8	< 1.4	< 1.6	3.40	---	---	---	1430	2840	2880	1560	214	---	9.25
	01-Sep-2011	5	22.2 #1	3.4 #1	14.7 #1	14.5 #1	---	---	---	808	3410	4810	2430	431	---	12.1
	01-Sep-2012	4	59.9	7.42	22.1	26.7	---	---	---	4040	13400	11000	4860	942	---	34.8
(Replicate A)	01-Sep-2013	1	13.8	2.61	6.03	6.13	---	---	---	---	---	---	---	---	---	7.13
(Replicate B)	01-Sep-2013	1	17.1	3.05	7.19	7.09	---	---	---	---	---	---	---	---	---	7.92
	23-Sep-2015	1	57.5	9.73	17.1	13.7	---	---	---	---	---	---	---	---	---	90.6
	31-Aug-2016	2	37.2	7.19	21.2	27.3	---	---	---	---	---	---	---	---	---	11.2
	12-Sep-2017	3	26	4.82	12.9	14.3	1.51	10.5	87.9	764	2570	3490	1720	364	43.7	9.06
	29-Aug-2018	3	17.3	3.31	9.27	12.1	---	---	---	---	---	---	---	---	---	---
(Replicate A)	05-Sep-2019	4	28.6	5.88	16	21.5	1.17	5.25	101	844	2330	3320	1510	347	50.5	8.52
(Replicate B)	05-Sep-2019	4	28	7.08	16	22.8	2.06	8.47	145	1160	2690	3590	1530	327	51.1	9.53
	25-Aug-2020	7	19	3.84	8.98	13.6	1.35	3.96	80.8	748	2310	3180	1540	290	31.8	8.2
	29-Sep-2021	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	29-Sep-2021	8	18.4	2.75	4.81	3.93	< 0.11	4.29	157	2050	7830	9010	4440	732	26.0	24.3
	12-Oct-2022	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12-Oct-2022	8	9.3	1.10	2.20	1.22	< 1.2	< 4.4	34.0	643	2920	4110	1830	348	12.6	9.89
	13-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	13-Sep-2023	5	8.8	2.40	3.62	5.11	< 1.5	< 2.3	42.7	554	2000	2160	1010	189	14.8	5.97
	14-Aug-2024	5	8.47	1.37	2.00	1.22	1.31	4.56	53.5	565	1830	2300	1200	234	11.8	6.2
	24-Sep-2025	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Brook Trout 2+	11-Aug-2009	3	31.7	< 1.7	8.8 #1	6.58	---	---	---	3250	11900	13900	7270	842	---	37.4
	11-Aug-2010	5	39.9	4.4 #1	7.7	2.60	---	---	---	2110	17800	20600	17300	1580	---	59.9
	12-Aug-2010	3	60.3	7.4 #1	13.7 #1	4.64	---	---	---	10200	44300	45200	26900	2260	---	129
	01-Sep-2011	4	93.1 #1	14.8 #1	18.9	17.6	---	---	---	20800	113000	162000	60500	6450	---	364
(Replicate)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate A)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate B)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate C)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate D)	01-Sep-2011	4	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 206 (ng/kg)	PCB 207 (ng/kg)	PCB 208 (ng/kg)	PCB 209 (ng/kg)	Total Monochlorobiphenyls (ng/kg)	Total Dichlorobiphenyls (ng/kg)	Total Trichlorobiphenyls (ng/kg)	Total Tetrachlorobiphenyls (ng/kg)	Total Pentachlorobiphenyls (ng/kg)	Total Hexachlorobiphenyls (ng/kg)	Total Heptachlorobiphenyls (ng/kg)	Total Octachlorobiphenyls (ng/kg)	Total Nonachlorobiphenyls (ng/kg)	PCBs-TOTAL (ug/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	**2000**
Chrystina Lake - Continued																
(Duplicate)	01-Sep-2011	4	102	14.2	19.2	4.09	---	---	---	35800	156000	192000	69200	6940	---	461
	01-Sep-2012	4	29.5	4.09 #1	7.35	4.73	---	---	---	2210	9310	9730	5800	855	---	28.2
	01-Sep-2013	4	41.1	7.17	14.6	11.8	---	---	---	---	---	---	---	---	---	40
	22-Sep-2014	4	27.8	3.95	7.08	3.53	---	---	---	---	---	---	---	---	---	38.5
(Replicate A)	22-Sep-2014	1	14.5	2.44	3.81	2.07	---	---	---	---	---	---	---	---	---	14.5
(Replicate B)	22-Sep-2014	1	16.8	3.04	4.54	3.26	---	---	---	---	---	---	---	---	---	16.5
	23-Sep-2015	4	28	5.28	8.77	5.14	---	---	---	---	---	---	---	---	---	57.9
	31-Aug-2016	2	57	8.37	18.1	11.9	---	---	---	---	---	---	---	---	---	52.3
	12-Sep-2017	3	28.7	5.06	11.5	12.1	1.22	11.3	108	1300	5870	7730	3670	614	45.3	19.4
(Replicate A)	12-Sep-2017	1	33.5	6.45	14.5	16.9	0.849	9.79	63.5	911	4060	6360	3230	607	54.5	15.3
	29-Aug-2018	3	29.5	4.73	10.8	9.49	---	---	---	---	---	---	---	---	---	29.3
(Replicate A)	05-Sep-2019	4	19	3.49	7.03	5.97	1.29	5.74	92.3	988	4110	6290	3010	465	29.5	15
(Replicate B)	05-Sep-2019	4	24.5	4.17	8.07	6.33	1.57	6.49	103	996	4330	7000	3620	615	36.7	16.7
(Replicate A)	25-Aug-2020	7	25.8	4.28	7.76	8.1	1.21	2.96	100	1120	4870	7020	3640	620	37.8	17.4
(Replicate B)	25-Aug-2020	7	20.4	3.89	8.01	9.86	1.6	3.17	88.5	1130	4410	6110	2860	454	32.3	15.1
	29-Sep-2021	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	29-Sep-2021	10	26.3 #4	4.00 #4	6.91 #4	5.78 #4	0.415 #4	7.42 #4	114 #4	1640 #4	7250 #4	9820 #4	5030 #4	906 #4	37.2 #4	24.8 #4
	12-Oct-2022	9	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12-Oct-2022	9	36.2	4.39	7.47	4.17	0.47	3.90	242	3530	14000	18300	8410	1440	48.1	46
	13-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	13-Sep-2023	5	13.0	2.7	3.1	2.60	< 0.96	< 2.0	47.8	668	4090	5510	2590	438	18.8	13.4
	14-Aug-2024	5	12.6	2.25	3.95	3.02	1.32	4.99	67.2	943	4290	5490	2630	439	18.8	13.9
(Replicate A)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate B)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Brook Trout 3+	04-Oct-2006	3	13	0.23	4.7	5.2	---	---	---	---	---	---	---	---	---	33
	11-Aug-2010	5	34.5	< 2.6	8.1	4.30	---	---	---	1630	13000	16000	15100	1310	---	47.5
(Duplicate)	11-Aug-2010	5	34.7	< 2.4	9.1	4.34	---	---	---	1980	12500	15900	14700	1290	---	46.7
(Replicate A)	12-Aug-2010	4	35.1	6.4 #1	9.4	3.69	---	---	---	7640	26600	25900	13000	1340	---	74.9
(Replicate A)	01-Sep-2012	1	14.8	2.15 #1	2.99	1.34	---	---	---	1210	5930	6520	3890	540	---	18.3
(Replicate B)	01-Sep-2012	1	20.0	2.88 #1	5.51	4.21	---	---	---	721	3000	3810	2450	474	---	10.6
(Duplicate)	01-Sep-2012	1	14.6	< 0.50	2.68 #1	1.42 #1	---	---	---	1190	5580	6320	3670	529	---	17.4
(Replicate C)	01-Sep-2013	1	32.2	4.81	8.43	6.34	---	---	---	---	---	---	---	---	---	20.5
(Replicate D)	01-Sep-2013	1	25.6	4.56	7.69	4.98	---	---	---	---	---	---	---	---	---	23.6
(Known (External Reference Material) Duplicate)	01-Sep-2013	1	30.3	< 1.0	6.5	5.0	---	---	---	1410	6810	7350	3990	665	---	20.5
	22-Sep-2014	4	37	6.56	9.51	4.99	---	---	---	---	---	---	---	---	---	54.2
(Replicate A)	22-Sep-2014	4	26.2	4.55	7.84	5.19	---	---	---	---	---	---	---	---	---	20.8
(Replicate B)	22-Sep-2014	1	39.6	7.26	11.4	8.39	---	---	---	---	---	---	---	---	---	33.3
(Duplicate)	22-Sep-2014	1	34.4	5.89	8.82	4.46	---	---	---	---	---	---	---	---	---	53.1
	23-Sep-2015	3	29.7	5.38	8.01	2.52	---	---	---	---	---	---	---	---	---	90.9
	31-Aug-2016	2	34.5	5.25	7.99	2.39	---	---	---	---	---	---	---	---	---	98.1
(Replicate A)	31-Aug-2016	2	33.3	4.22	7.92	3.48	---	---	---	---	---	---	---	---	---	71.1
(Duplicate)	31-Aug-2016	1	33.9	5.03	7.91	2.25	---	---	---	---	---	---	---	---	---	94.8
	12-Sep-2017	3	26.8	4.22	7.91	6.22	0.915	10.6	93.6	1500	8390	9960	4680	753	38.9	25.4
	29-Aug-2018	3	39.1	6.6	13.7	12.5	---	---	---	---	---	---	---	---	---	29.4
(Duplicate)	29-Aug-2018	3	35.9	5.43	12.2	10.8	---	---	---	---	---	---	---	---	---	27.1
(Lab Replicate)	29-Aug-2018	3	36.4	5.62	12.2	11.5	---	---	---	---	---	---	---	---	---	---
	05-Sep-2019	4	30.7	4.72	8.47	4.91	1.12	6.96	145	1600	7090	10800	5260	794	43.9	25.8
	29-Sep-2021	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	29-Sep-2021	3	15.3	2.10	3.88	3.60	0.40	17.2	117	1520	5840	6970	3240	524	21.3	18.2
(Duplicate)	29-Sep-2021	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Duplicate)	29-Sep-2021	3	38.7	6.03	10.2	9.21	< 0.39	< 1.6	248	3530	14100	17300	7740	1320	54.9	44.3

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 206 (ng/kg)	PCB 207 (ng/kg)	PCB 208 (ng/kg)	PCB 209 (ng/kg)	Total Monochlorobiphenyls (ng/kg)	Total Dichlorobiphenyls (ng/kg)	Total Trichlorobiphenyls (ng/kg)	Total Tetrachlorobiphenyls (ng/kg)	Total Pentachlorobiphenyls (ng/kg)	Total Hexachlorobiphenyls (ng/kg)	Total Heptachlorobiphenyls (ng/kg)	Total Octachlorobiphenyls (ng/kg)	Total Nonachlorobiphenyls (ng/kg)	PCBs-TOTAL (ug/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	**2000**
Chrystina Lake - Continued																
	12-Oct-2022	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12-Oct-2022	3	28.4	4.10	7.07	4.04	< 0.67	< 2.6	105	2210	11400	17200	7930	1240	39.6	40.1
	13-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	13-Sep-2023	5	18.9	3.12	4.52	2.49	1.35	6.76	85.9	1450	8970	10600	6130	819	26.5	28.1
	14-Aug-2024	3	14.1	2.50	3.10	1.50	1.37	4.87	82.7	1090	4900	6350	3170	510	19.7	16.1
(Duplicate)	14-Aug-2024	3	17.0	2.54	3.40	1.65	0.71	5.21	88.9	1310	6340	8480	3930	615	22.9	20.8
(Replicate A)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Duplicate)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate B)	24-Sep-2025	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate B)	24-Sep-2025	3	10.8	2.26	2.54	<1.1	0.464	4.97	60.5	1030	4910	7320	2740	383	15.6	16.5
Brook Trout 4+	04-Oct-2006	7	75	6.5	18	12	---	---	---	---	---	---	---	---	---	135
	01-Sep-2011	2	61.2	10.9 [#1]	16.3 [#1]	6.08 [#1]	---	---	---	11000	47600	67900	24800	3310	---	155
	01-Sep-2013	2	50	8.14	12.1	4.23	---	---	---	---	---	---	---	---	---	127
	22-Sep-2014	1	73.9	11.3	14.3	3.71	---	---	---	---	---	---	---	---	---	154
(Replicate A)	23-Sep-2015	1	45.2	7.76	11.5	5.18	---	---	---	---	---	---	---	---	---	43.9
(Replicate B)	23-Sep-2015	1	41	6.86	11	5.33	---	---	---	---	---	---	---	---	---	58.2
	12-Sep-2017	1	43.2	5.85	9.56	7.27	0.995	10.9	125	2370	13400	17100	8070	1260	58.6	42.4
(Replicate A)	29-Aug-2018	1	39.8	5.83	11 11.8	6.76	---	---	---	---	---	---	---	---	---	63.9
(Replicate B)	29-Aug-2018	1	83.1	11.6	24.9	25.3	---	---	---	---	---	---	---	---	---	36.9
(Replicate C)	29-Aug-2018	1	39.4	6.33	11.1	7.26	---	---	---	---	---	---	---	---	---	34.7
	25-Aug-2020	1	20	3.47	5.22	4	1.44	2.36	54.1	665	3290	5070	2660	475	28.7	12.3
	29-Sep-2021	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	29-Sep-2021	1	24.5	3.68	6.17	4.44	0.65	11.4	154	2060	7950	10400	4620	820	34.4	26.1
	24-Sep-2025	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	24-Sep-2025	1	12.5	2.54	2.99	1.84	<0.100	4.96	49.3	621	3170	6640	2490	416	18	13.4
Brook Trout 5+	04-Oct-2006	5	31	3.0	8.6	5.1	---	---	---	---	---	---	---	---	---	73
	01-Sep-2007	2	---	---	---	---	---	---	---	---	887584.04	---	---	---	---	---
	11-Sep-2007	2	88	13 [#1]	26	27	---	---	---	4300	14000	21000	14000	2000	---	56
	12-Aug-2010	1	42.0	8.4	14.7 [#1]	11.3	---	---	---	2190	8290	10900	6540	936	---	29.2
	01-Sep-2013	1	101	15.5	23	5.34	---	---	---	---	---	---	---	---	---	274
(Known (External Reference Material) Duplicate)	01-Sep-2013	1	121	14.6 [#1]	26.6	8.12	---	---	---	19200	101000	101000	52300	6230	---	280
	23-Sep-2015	1	67.5	10.7	15.2	6.27	---	---	---	---	---	---	---	---	---	69.5
	30-Aug-2016	1	32.9	5.69	9.36	4.07	---	---	---	---	---	---	---	---	---	59.7
	12-Sep-2017	1	84.4	12.2	18.4	6.25	0.546	11.8	251	5870	38900	54500	25700	3580	115	129
(Re-analysis)	12-Sep-2017	1	64.2	8.89	13.9	4.5	0.881	12.6	176	4400	27600	36900	19600	2620	87	91.4
	29-Sep-2021	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	29-Sep-2021	1	29.4 [#4]	3.90 [#4]	7.00 [#4]	6.66 [#4]	< 0.70 [#4]	< 3.3 [#4]	122 [#4]	1540 [#4]	6730 [#4]	9290 [#4]	4620 [#4]	838 [#4]	40.3 [#4]	23.2 [#4]
Brook Trout 6+	01-Sep-2007	3	---	---	---	---	---	---	---	---	766219.83	---	---	---	---	---
	11-Sep-2007	3	58	11	20	19	---	---	---	2900	15000	26000	16000	2200	---	62
Brook Trout 7+	01-Sep-2007	3	---	---	---	---	---	---	---	---	269377.18	---	---	---	---	---
(Duplicate)	01-Sep-2007	3	---	---	---	---	---	---	---	---	263082.72	---	---	---	---	---
	11-Sep-2007	3	38	5.9	19	21	---	---	---	1800	4700	5600	2900	440	---	16
(Duplicate)	11-Sep-2007	3	35	6.5	18	22	---	---	---	1300	4200	5200	2800	440	---	14
Brook Trout 11+	01-Sep-2007	3	---	---	---	---	---	---	---	---	1416386.13	---	---	---	---	---
	11-Sep-2007	3	97	8.7	16	15	---	---	---	5800	18000	25000	16000	2500	---	68
Brook Trout 12+	01-Sep-2007	2	---	---	---	---	---	---	---	---	1282043.63	---	---	---	---	---
	11-Sep-2007	2	100	15	29	27	---	---	---	6100	23000	35000	20000	2900	---	88
Brook Trout Unknown	23-Jul-2008	3	22	4.1	9.6	10	---	---	---	730	2200	3100	1300	300	---	7.8
(Replicate)	23-Jul-2008	3	22	4.1	10	17	---	---	---	540	970	1300	560	160	---	3.7

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 206 (ng/kg)	PCB 207 (ng/kg)	PCB 208 (ng/kg)	PCB 209 (ng/kg)	Total Monochlorobiphenyls (ng/kg)	Total Dichlorobiphenyls (ng/kg)	Total Trichlorobiphenyls (ng/kg)	Total Tetrachlorobiphenyls (ng/kg)	Total Pentachlorobiphenyls (ng/kg)	Total Hexachlorobiphenyls (ng/kg)	Total Heptachlorobiphenyls (ng/kg)	Total Octachlorobiphenyls (ng/kg)	Total Nonachlorobiphenyls (ng/kg)	PCBs-TOTAL (ug/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	**2000**
Chrystina Lake - Continued																
(Replicate A)	23-Jul-2008	2	31	5.3	13	15	---	---	---	800	2900	4600	2200	480	---	11
(Replicate B)	23-Jul-2008	2	16	3.3	9.2	7.6	---	---	---	630	1800	2400	940	200	---	6.2
(Replicate C)	23-Jul-2008	2	24	3.7	9.5	8.6	---	---	---	650	1800	2500	1200	330	---	6.7
	12-Oct-2022	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12-Oct-2022	1	22.4	3.30	6.26	5.07	< 0.89	< 2.6	119	2360	9500	11800	5140	825	32.0	29.8
	13-Sep-2023	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	13-Sep-2023	1	16.8 [#5]	2.76 [#5]	4.03 [#5]	2.09 [#5]	2.12 [#5]	4.01 [#5]	51.6 [#5]	833 [#5]	5500 [#5]	6910 [#5]	3420 [#5]	620 [#5]	23.6 [#5]	17.4 [#5]
(Replicate)	13-Sep-2023	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Replicate)	13-Sep-2023	1	12.4	1.90	2.56	1.74	1.80	< 1.6	62.6	940	5110	6330	2930	462	16.9	15.9
(Replicate A)	14-Aug-2024	1	19.7	2.5	4.93	3.4	1.25	3.99	67.3	908	4380	6350	3230	585	27.1	15.6
(Replicate B)	14-Aug-2024	1	19.5	3.39	5.32	2.5	1.01	5.12	432	4140	12200	13200	5780	839	28.2	36.6
(Replicate C)	14-Aug-2024	1	14.4	2.6	3.4	1.7	0.86	5.07	65.4	773	4000	5800	2800	495	20.4	14
	24-Sep-2025	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Brook Trout (Muscle only) 3+	01-Feb-2012	1	16.5 [#1]	< 10	< 8.0	< 4.0	---	---	---	1600	10800	11100	11800	1120	---	37
Brook Trout (Skin Only) 3+	01-Feb-2012	1	34.6	< 8.0	< 6.0	< 3.0	---	---	---	3390	23100	24100	27200	2440	---	80.7
Brook Trout (Stomach) 1+	01-Sep-2012	4	< 2.0	< 3.0	< 3.0	< 0.70	---	---	---	639	400	325	220	12.7	---	2.23
Brook Trout (Stomach) 2+	01-Sep-2012	4	< 6.0	< 20	< 20	< 6.0	---	---	---	232	718	834	535	84.2	---	2.97
Brook Trout (Stomach) 3+ (Replicate A)	01-Sep-2012	1	< 1.0	< 2.0	< 2.0	< 0.80	---	---	---	353	306	263	102	< 5.0	---	1.54
(Replicate B)	01-Sep-2012	1	8.0 [#1]	< 2.0	< 2.0	< 0.80	---	---	---	756	1210	1980	1410	79.8	---	5.96
White Sucker 1+	01-Feb-2012	1	22.5	< 8.0	< 6.0	< 3.0	---	---	---	1470	10100	12600	13600	1400	---	39.8
	21-Sep-2014	2	3.73	0.813	1.07	0.586 [#1]	---	---	---	---	---	---	---	---	---	3.36
White Sucker 2+	01-Feb-2012	1	9.30 [#1]	< 5.0	< 4.0	< 2.0	---	---	---	102	608	946	1830	232	---	4.12
	22-Sep-2014	4	8.12	1.62 [#1]	1.99	1.11	---	---	---	---	---	---	---	---	---	5.56
White Sucker 3+	01-Feb-2012	1	< 3.0	< 20	< 10	< 10	---	---	---	270	939	613	530	< 5.0	---	3.21
White Sucker 6+	01-Sep-2007	4	---	---	---	---	---	---	---	---	94439.62	---	---	---	---	---
	11-Sep-2007	4	8.7	1.2	1.8	2.0	---	---	---	200	660	1300	990	200	---	3.5
White Sucker 7+	01-Sep-2007	3	---	---	---	---	---	---	---	---	156555.05	---	---	---	---	---
	11-Sep-2007	3	14	< 0.60	2.5	1.5	---	---	---	150	720	1800	1400	310	---	4.5
White Sucker 8+	01-Sep-2007	5	---	---	---	---	---	---	---	---	77520.77	---	---	---	---	---
	11-Sep-2007	5	7.9	1.9	1.6 [#1]	1.3	---	---	---	170	600	1600	1300	250	---	4.1
	11-Aug-2009	4	< 2.9 [#1]	< 5.6	< 5.4	< 1.3	---	---	---	547	1620	1840	1170	220	---	5.39
White Sucker 9+	01-Sep-2007	4	---	---	---	---	---	---	---	---	124101.43	---	---	---	---	---
	11-Sep-2007	4	11	1.9	1.9	1.4	---	---	---	210	1100	3000	2200	340	---	6.9
White Sucker 10+	11-Aug-2009	4	< 2.9	< 4.3	< 4.1	< 1.0	---	---	---	1070	1110	1450	724	89.9	---	4.45
CRL-1	27-Jun-2012	---	< 9.0	< 10	< 20	< 30	---	---	---	1560	361	192	< 5.0	< 5.0	---	3.92
CRL-2	27-Jun-2012	---	< 2.0	< 4.0	< 4.0	< 8.0	---	---	---	3210	1260	313	616	< 5.0	---	8.34
CRL-3	26-Jun-2012	---	< 3.0	< 6.0	< 6.0	< 10	---	---	---	2830	1000	335	264	< 5.0	---	6.89
CRL-FB2	27-Jun-2012	---	< 30	< 50	< 60	< 100	---	---	---	1780	243	< 5.0	< 5.0	< 5.0	---	3.53
Forage Fish	04-Nov-2014	---	17.4	1.46	3.41	1.36 [#1]	---	---	---	---	---	---	---	---	---	11.2
Invertebrates	22-Aug-2014	---	57.5	4.53 [#1]	11.6	3.07	---	---	---	---	---	---	---	---	---	44.7
Edith Lake																
Brook Trout 1+	11-Aug-2009	7	6.97	< 2.4	< 2.3	2.98	---	---	---	839	953	506	362	75.5	---	2.98
	01-Sep-2011	4	17.9	5.4 [#1]	12.2 [#1]	16.7	---	---	---	735	1410	1740	764	104	---	5.02
(Duplicate)	01-Sep-2011	4	34.4 [#1]	< 2.0	17.8 [#1]	48.9 [#1]	---	---	---	1010	2130	3050	2030	222	---	8.69
	01-Sep-2012	3	34.8	7.48	15.9	23.9	---	---	---	1090	2800	2990	1590	310	---	9.08

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 206 (ng/kg)	PCB 207 (ng/kg)	PCB 208 (ng/kg)	PCB 209 (ng/kg)	Total Monochlorobiphenyls (ng/kg)	Total Dichlorobiphenyls (ng/kg)	Total Trichlorobiphenyls (ng/kg)	Total Tetrachlorobiphenyls (ng/kg)	Total Pentachlorobiphenyls (ng/kg)	Total Hexachlorobiphenyls (ng/kg)	Total Heptachlorobiphenyls (ng/kg)	Total Octachlorobiphenyls (ng/kg)	Total Nonachlorobiphenyls (ng/kg)	PCBs-TOTAL (ug/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	**2000**
Edith Lake - Continued																
	22-Sep-2015	3	43.8	8.27	25.4	34	---	---	---	---	---	---	---	---	---	18.9
	30-Aug-2016	2	44.8	9.78	26.3	36.1	---	---	---	---	---	---	---	---	---	9.38
	13-Sep-2017	3	48.9	9.4	28.9	36.6	1.06	13.1	185	1330	3270	4010	1750	409	87.2	11.1
	30-Aug-2018	3	34.6	6.37	20.9	28.5	---	---	---	---	---	---	---	---	---	6.66
	06-Sep-2019	4	30.9	6.48	17.8	27.4	1.75	7.55	118	922	2150	2760	1170	243	55.2	7.45
(Replicate B)	06-Sep-2019	4	44.8	9.34	26	35.5	1.77	6.23	98.3	911	2450	3450	1490	342	80.1	8.86
	26-Aug-2020	7	30.7	6.27	15.9	31.8	1.29	3.02	80.2	776	1730	2190	981	236	52.9	6.08
	30-Sep-2021	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	30-Sep-2021	8	5.53	1.17	2.62	4.55	< 0.11	5.50	39.0	257	596	668	242	54.3	9.32	1.88
	13-Oct-2022	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	13-Oct-2022	2	3.50	0.46	1.20	1.08	< 0.62	18.0	24.3	138	379	616	344	93.0	5.16	1.62
	14-Sep-2023	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	14-Sep-2023	2	9.17	2.80	4.66	10.0	< 0.74	6.8	31.2	329	819	759	370	83.2	16.6	2.43
	15-Aug-2024	5	2.50	1.33	0.77	1.44	1.09	5.87	50.0	537	1130	973	288	41.3	4.60	3.03
Brook Trout 2+	11-Aug-2009	4	118 [#1]	< 6.5	< 6.2	2.59	---	---	---	663	888	635	472	106	---	2.93
	11-Aug-2010	5	11.8	< 1.6	< 1.5	2.38	---	---	---	1160	7110	6530	5360	467	---	20.9
	01-Sep-2011	4	12.5	< 1.0	< 1.0	< 0.50	---	---	---	1970	9740	11800	4230	522	---	28.6
	01-Sep-2012	3	16.2 [#1]	2.74 [#1]	6.81 [#1]	5.89	---	---	---	2220	8210	7490	3550	397	---	22.1
	01-Sep-2013	3	38.6	6.78	19.1	19	---	---	---	---	---	---	---	---	---	43.6
	21-Sep-2014	4	13.3	2.02	4.23	3.43	---	---	---	---	---	---	---	---	---	25.2
(Replicate A)	21-Sep-2014	1	17.1	3.13	6.8	6.82	---	---	---	---	---	---	---	---	---	20.3
(Replicate B)	21-Sep-2014	1	7.62	1.45	3.29	3.5	---	---	---	---	---	---	---	---	---	3.83
	22-Sep-2015	1	4.59	0.851	2	2.32	---	---	---	---	---	---	---	---	---	1.67
	30-Aug-2016	2	19.9	3.27	8.31	9.19	---	---	---	---	---	---	---	---	---	20.2
	13-Sep-2017	3	29.1	5.61	14.8	20.1	1.42	11.8	19.8	185	1100	2110	1060	244	49.5	4.8
	30-Aug-2018	3	25	4.51	14.1	17.2	---	---	---	---	---	---	---	---	---	5.15
(Replicate A)	06-Sep-2019	4	18.4	3.43	8.86	11.1	0.905	5.34	16.1	171	694	1270	733	195	30.7	3.13
(Replicate B)	06-Sep-2019	4	15.3	3.12	7.69	10.1	1.56	5.16	32.8	329	1210	1750	826	177	26.1	4.37
	26-Aug-2020	2	33.5	6.81	18	28.6	1.43	2.88	33.8	515	1660	2600	1290	327	58.3	6.52
	30-Sep-2021	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	30-Sep-2021	10	6.47	1.00	2.98	4.96	0.43	4.99	22.1	215	677	793	320	69.6	10.5	2.12
	13-Oct-2022	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	13-Oct-2022	8	6.80	0.97	2.06	2.35	< 0.10	5.50	111	1540	5140	5230	1780	221	9.83	14
	14-Sep-2023	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	14-Sep-2023	3	3.89	0.35	0.68	0.37	< 0.64	3.00	14.9	189	1170	1440	881	148	4.92	3.85
	15-Aug-2024	6	5.79	0.84	1.30	2.45	0.96	3.54	34.6	459	1710	1970	779	138	7.93	5.1
Brook Trout 3+	11-Aug-2010	3	12.9	< 1.5	5.8 [#1]	4.94	---	---	---	1730	9040	7610	5770	468	---	25
	01-Sep-2011	3	9.48 [#1]	< 0.90	< 0.80	< 0.80	---	---	---	1870	8690	9620	3540	368	---	24.3
	01-Sep-2012	5	15.8	< 0.80	3.40 [#1]	2.11 [#1]	---	---	---	2690	10700	9890	4700	542	---	28.7
(Replicate A)	01-Sep-2013	3	22.6	3.75	7.96	6.32	---	---	---	---	---	---	---	---	---	50.7
(Replicate B)	01-Sep-2013	3	17.3	2.4	5.22	4	---	---	---	---	---	---	---	---	---	41.1
(Duplicate)	01-Sep-2013	3	20.3	3.12	6.56	5.82	---	---	---	---	---	---	---	---	---	45
(Known (External Reference Material) Duplicate)	01-Sep-2013	3	30.1	4.7 [#1]	6.2 [#1]	7.67 [#1]	---	---	---	5290	22900	18300	7760	865	---	55.6
	21-Sep-2014	4	13.9	2.16	4.51	4.11	---	---	---	---	---	---	---	---	---	33.9
(Replicate A)	21-Sep-2014	1	15.7	2.76	6.38	6.03	---	---	---	---	---	---	---	---	---	20.2
(Replicate B)	21-Sep-2014	1	23.8	4.46	10.8	9.93	---	---	---	---	---	---	---	---	---	21.3
	22-Sep-2015	3	7.06	1.42	2.58	2.28	---	---	---	---	---	---	---	---	---	20.4
(Duplicate)	22-Sep-2015	3	7.16	1.34	2.72	2.42	---	---	---	---	---	---	---	---	---	19.5
	30-Aug-2016	1	8.69	1.14	2.42	2.03	---	---	---	---	---	---	---	---	---	19.9
	13-Sep-2017	3	8.2	1.57	3.06	4.73 [#1]	0.859	10.3	35.7	562	3090	3520	1400	195	12.8	8.82
(Duplicate)	13-Sep-2017	3	8.24	1.23	3.04	4.27 [#1]	1.46	8.56	29.5	549	2780	3190	1300	185	12.5	8.06

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 206 (ng/kg)	PCB 207 (ng/kg)	PCB 208 (ng/kg)	PCB 209 (ng/kg)	Total Monochlorobiphenyls (ng/kg)	Total Dichlorobiphenyls (ng/kg)	Total Trichlorobiphenyls (ng/kg)	Total Tetrachlorobiphenyls (ng/kg)	Total Pentachlorobiphenyls (ng/kg)	Total Hexachlorobiphenyls (ng/kg)	Total Heptachlorobiphenyls (ng/kg)	Total Octachlorobiphenyls (ng/kg)	Total Nonachlorobiphenyls (ng/kg)	PCBs-TOTAL (ug/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	**2000**
Edith Lake - Continued																
	30-Aug-2018	3	19	3.2	8.66	11.4	---	---	---	---	---	---	---	---	---	4.34
	06-Sep-2019	4	15.4	2.92	7.18	8.02	2.78	8.91	35	308	1230	1940	1050	218	25.5	4.83
(Duplicate)	06-Sep-2019	4	16.5	3.02	7.48	9.04	1.1	8.02	37.2	324	1350	2110	1110	193	27	5.17
	26-Aug-2020	5	9.88	1.8 #1	4.07	5.98	1.42	3.43	28.5	304	1150	1710	806	154	14	4.19
(Duplicate)	26-Aug-2020	5	29.8	6.23	15.7	26.5	1.6	2.91	28.4	432	1460	2340	1130	280	51.7	5.75
	30-Sep-2021	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	30-Sep-2021	3	5.11 #4	0.98 #4	2.52 #4	4.21 #4	< 0.24 #4	< 0.74 #4	29.4 #4	289 #4	1100 #4	1260 #4	543 #4	99.3 #4	8.61 #4	3.33 #4
	13-Oct-2022	8	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	13-Oct-2022	8	5.84	0.84	2.02	3.25	0.32	3.00	31.9	340	1220	1520	627	112	8.70	3.87
	14-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	14-Sep-2023	5	3.1	< 0.96	1.30	1.78	< 0.46	5.7	32.8	385	1770	1960	864	128	4.40	5.16
(Duplicate)	14-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---
(Duplicate)	14-Sep-2023	5	5.1	< 0.94	2.14	1.70	< 0.54	6.4	37.2	402	1920	2160	995	147	7.24	5.67
	15-Aug-2024	2	4.20	< 0.50	< 0.45	0.52	1.46	3.60	31.2	284	1070	1280	518	98.6	4.20	3.29
Brook Trout 4+	04-Oct-2006	5	89	7.1	24	26	---	---	---	---	---	---	---	---	---	77
	01-Sep-2011	2	16.9 #1	3.89 #1	6.44 #1	2.08	---	---	---	6200	26300	32000	10700	1230	---	76.9
	01-Sep-2013	2	20.1	3.08	5.56	2.67	---	---	---	---	---	---	---	---	---	60.4
	21-Sep-2014	1	14.5	2.21	3.34	1.5 #1	---	---	---	---	---	---	---	---	---	47.8
(Replicate B)	22-Sep-2015	1	13.7	2.16	4.28	3.37	---	---	---	---	---	---	---	---	---	39.5
(Replicate A)	23-Sep-2015	1	13.5	1.96	4.19	2.75	---	---	---	---	---	---	---	---	---	26.6
	30-Aug-2016	1	7.64	1.01	1.96	2.3 #1	---	---	---	---	---	---	---	---	---	20
	13-Sep-2017	1	6.91	0.952	2.08	3.38 #1	0.987	8.5	44.6	828	3950	3660	1480	198	9.94	10.2
	30-Aug-2018	1	11.1	1.85	4.73	6.35	---	---	---	---	---	---	---	---	---	7.36
	26-Aug-2020	2	9.5	1.75	4.26	6.5	1.61	3.37	34.3	335	1110	1480	633	109	15.5	3.73
	14-Sep-2023	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	14-Sep-2023	5	6.8	1.30	2.10	3.40	1.20	5.4	25.7	247	1300	1480	701	119	10.2	3.89
	15-Aug-2024	1	2.50	< 0.38	0.59	0.57	0.84	3.90	39.1	258	867	976	355	59.8	3.09	2.56
Brook Trout 5+	04-Oct-2006	4	22	2.7	11	10	---	---	---	---	---	---	---	---	---	22
	01-Sep-2011	2	19.1	6.34 #1	4.91 #1	5.42 #1	---	---	---	2700	11800	12800	5720	672	---	34.1
	01-Sep-2013	1	7.89	0.968	1.62	0.594	---	---	---	---	---	---	---	---	---	32.6
	21-Sep-2014	1	12.5	1.97	2.98	1.56	---	---	---	---	---	---	---	---	---	35.4
	30-Aug-2016	1	27.5	3.55	5.75	< 0.057	---	---	---	---	---	---	---	---	---	82.7
(Duplicate)	30-Aug-2016	1	28.3	3.44	5.9	< 0.0555	---	---	---	---	---	---	---	---	---	85.2
	30-Sep-2021	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	30-Sep-2021	1	9.41	1.40	3.21	4.58	0.75	21.4	43.5	347	1330	1740	700	148	14.0	4.35
	15-Aug-2024	1	8.87	1.30	2.51	4.14	1.14	4.51	70.5	762	2890	3330	1330	210	12.7	8.63
Brook Trout 6+	14-Sep-2023	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	14-Sep-2023	3	6.49	1.40	2.10	3.37	2.37	5.60	35.8	351	1750	1840	1050	140	9.99	5.18
Brook Trout 11+	01-Sep-2007	2	---	---	---	---	---	---	---	---	196816.42	---	---	---	---	---
	11-Sep-2007	2	30	4.7	16	18	---	---	---	1200	4200	4600	2300	320	---	13
Brook Trout 12+	01-Sep-2007	3	---	---	---	---	---	---	---	---	2680.31	---	---	---	---	---
	11-Sep-2007	3	33	5.1	16	20	---	---	---	750	2700	3100	1600	260	---	8.6
Brook Trout Unknown	23-Jul-2008	2	27	4.5	15	20	---	---	---	650	1800	1700	570	160	---	5
(Replicate A)	23-Jul-2008	2	25	3.9	13	21	---	---	---	1200	1200	1200	570	150	---	4.5
(Replicate B)	23-Jul-2008	2	17	2.7	8.4	11	---	---	---	420	1000	1300	470	120	---	3.5
(Replicate C)	23-Jul-2008	2	22	3.4	12	17	---	---	---	550	870	1000	420	120	---	3.2
Brook Trout (Stomach) 1+	01-Sep-2012	3	11.2 #1	< 1.0	< 1.0	< 1.0	---	---	---	557	353	165	124	25.0	---	1.59
Brook Trout (Stomach) 2+	01-Sep-2012	3	< 0.060	< 0.10	< 0.10	< 0.090	---	---	---	88	103	67.3	29.9	< 5.0	---	0.335
Brook Trout (Stomach) 3+	01-Sep-2012	5	66.4	4.35	10.4	1.64	---	---	---	49900	161000	101000	36500	3990	---	355

Polychlorinated Biphenyl (PCB) Congener Concentrations: Fish Tissue Analytical Results

PROJECT No.: 217085-56230

Sampling Location	Date (dd-mmm-yyyy)	Number of Individuals	PCB 206 (ng/kg)	PCB 207 (ng/kg)	PCB 208 (ng/kg)	PCB 209 (ng/kg)	Total Monochlorobiphenyls (ng/kg)	Total Dichlorobiphenyls (ng/kg)	Total Trichlorobiphenyls (ng/kg)	Total Tetrachlorobiphenyls (ng/kg)	Total Pentachlorobiphenyls (ng/kg)	Total Hexachlorobiphenyls (ng/kg)	Total Heptachlorobiphenyls (ng/kg)	Total Octachlorobiphenyls (ng/kg)	Total Nonachlorobiphenyls (ng/kg)	PCBs-TOTAL (ug/kg)
CFIA 2009			---	---	---	---	---	---	---	---	---	---	---	---	---	**2000**
Edith Lake - Continued																
(Re-analysis)	01-Sep-2012	5	138	7.0 [#1]	15.7	5.1	---	---	---	86200	314000	188000	141000	9510	---	745
Certified Reference Materials																
CRM 918-050	23-Jul-2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	150
WMF-01-CRM	04-Oct-2006	---	17000	3900	8500	10000 [#1]	---	---	---	---	---	---	---	---	---	**2200**
	11-Sep-2007	---	12000	3800	6400	8600	---	---	---	270000	700000	930000	500000	120000	---	**2600**
	23-Jul-2008	---	12000	3100	6700	8300	---	---	---	190000	620000	910000	410000	100000	---	**2300**
	11-Aug-2009	---	10400	4940	8190	8600	---	---	---	265000	773000	907000	498000	158000	---	**2650**
	11-Aug-2010	---	12300	3470	6440	9570	---	---	---	222000	721000	632000	683000	118000	---	**2430**
	01-Sep-2011	---	11200	4690	7050	9420	---	---	---	275000	777000	1130000	667000	164000	---	**3060**
	01-Sep-2012	---	12100	3630	6750	8430	---	---	---	233000	655000	717000	490000	127000	---	**2270**
NIST SRM 1946	11-Oct-2013	---	5330	---	---	975	---	---	---	---	---	---	---	---	---	---
	31-Aug-2016	---	4890	---	---	900	---	---	---	---	---	---	---	---	---	---
	03-Nov-2018	---	5350	---	---	1040	---	---	---	---	---	---	---	---	---	---
EDF-2524	15-Oct-2014	----	18.8	---	---	11.5	---	---	---	---	---	---	---	---	---	---
CRM EDF2524	23-Sep-2015	---	21.1	---	---	13.4	---	---	---	---	---	---	---	---	---	---
CRM EDF-5462	13-Oct-2022	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	13-Oct-2022	---	134	29.4	63.0	452	147	553	801	1690	6080	12500	5510	1250	226	29.2
	15-Nov-2023	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	15-Nov-2023	---	136	27	63.1	451	156	690	596	1340	5980	11500	5230	1150	226	27.3
	29-Oct-2024	---	< 6.5	< 3.8	< 3.4	8.8	39.8	832	4980	18000	26600	20500	4360	370	< 3.4	75.7

NOTES:

< X
X

1. --- in guideline row(s) denotes no criteria for that parameter.
2. --- in detail data row(s) denotes parameter not analyzed.
3. Highlighting indicates parameters above applied guideline/criteria.
4. Highlighting indicates parameters above applied guideline/criteria.
5. Highlighting indicates non-detect parameters above applied guideline/criteria.
6. Highlighting indicates parameters at applied guideline/criteria.
7. Denotes values exceeding
   (Canadian Food Inspection Agency (CFIA), 2009. Fish Product Standards and Methods Manual. Appendix 3: Canadian Guidelines for Chemical Contaminants and Toxins in Fish and Fish Products.)
8. Superscript [#1] - EMPC
9. Superscript [#2] - RRR
10. Superscript [#3] - lock mass intereference (lab qualifier originally G)
11. Superscript [#4] - Labeled recoveries above method limits. Data is calculated by isotope dilution. Minimal impact to data quality.
12. Superscript [#5] - The recoveries of certain surrogates are outside method criteria. Native results, calculated via isotope dilution, are not expected to be biased.

worley consulting

Table C.3

Project Number: 217085-56230

Coplanar PCB Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and Hatchery Fish (2006-2025)

Sample Location	Age Class	Sample Date	Congener IUPAC No. - Concentration (pg/g ww)																					
			77				81				105				114				118				123			
			Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	WHO-TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ
CCME Tissue Residue 2001			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hatchery																										
Brook Trout	**0+**	23-Sep-2006	**5.8**	0.1	0.0001	0.0006	**<0.10**	0.1	0.0003	0.00002	**76**	0.1	0.00003	0.0023	**<0.10**	0.1	0.00003	0.000002	**280**	0.1	0.00003	0.0084	**32**	0.1	0.00003	0.0010
		7-Sep-2007	**4.2**	0.7	0.0001	0.0004	**<0.6**	0.6	0.0003	0.0001	**45**	1.1	0.00003	0.0014	**3.1**	1.3	0.00003	0.0001	**130**	1.2	0.00003	0.0039	**22**	1.3	0.00003	0.0007
		8-Sep-2008	**2**	0.7	0.0001	0.0002	**<0.5**	0.5	0.0003	0.0001	**30**	0.8	0.00003	0.0009	**1.8**	1.8	0.00003	0.0001	**88**	0.6	0.00003	0.0026	**13**	0.7	0.00003	0.0004
(Duplicate)		8-Sep-2008	**2.1**	0.7	0.0001	0.0002	**<0.5**	0.5	0.0003	0.0001	**32**	0.8	0.00003	0.0010	**1.9**	1.8	0.00003	0.0001	**98**	0.6	0.00003	0.0029	**16**	0.7	0.00003	0.0005
		11-Aug-2009	**<5.6**	5.6	0.0001	0.0003	**<4.1**	4.1	0.0003	0.0006	**37.4**	5.0	0.00003	0.0011	**<6.2**	6.2	0.00003	0.0001	**123**	5.8	0.00003	0.0037	**23**	8.0	0.00003	0.0007
		11-Aug-2010	**3.71**	0.5	0.0001	0.0004	**< 0.50**	0.5	0.0003	0.0001	**34.2**	0.8	0.00003	0.0010	**2.2**	1.0	0.00003	0.0001	**122**	1.1	0.00003	0.0037	**14.8**	1.1	0.00003	0.0004
		1-Sep-2011	**9.02**	0.9	0.0001	0.0009	**< 0.90**	0.9	0.0003	0.0001	**128**	2	0.00003	0.0038	**< 2.0**	2	0.00003	0.00003	**247**	2	0.00003	0.0074	**38.3**	2.0	0.00003	0.0011
		1-Sep-2012	**7.13**	0.4	0.0001	0.0007	**< 0.50**	0.5	0.0003	0.0001	**59.9**	0.70	0.00003	0.0018	**3.9** [#3]	1.0	0.00003	0.0001	**190**	0.9	0.00003	0.0057	**34.0**	1.0	0.00003	0.0010
		1-Sep-2013	**8.68**	0.4	0.0001	0.0009	**0.488**	0.368	0.0003	0.0001	**90.3**	3.990	0.00003	0.0027	**6.51**	3.880	0.00003	0.0002	**235**	3.570	0.00003	0.0071	**5.88** [#1]	0.300	0.00003	0.0002
		30-Sep-2014	**3.19**	0.1	0.0001	0.0003	**< 0.14**	0.14	0.0003	0.00002	**45.1**	0.376	0.00003	0.0014	**3.5**	0.381	0.00003	0.0001	**145**	0.365	0.00003	0.0044	**2.4** [#1]	0.389	0.00003	0.0001
		23-Sep-2015	**6.9**	0.2	0.0001	0.0007	**0.428** [#3]	0.168	0.0003	0.0001	**89.3**	0.199	0.00003	0.0027	**6.22**	0.203	0.00003	0.0002	**280**	0.202	0.00003	0.0084	**5.97** [#1]	0.207	0.00003	0.0002
		30-Aug-2016	**3.04**	0.100	0.0001	0.0003	**0.139**	0.055	0.0003	0.00004	**44.4**	0.100	0.00003	0.0013	**2.76**	0.099	0.00003	0.0001	**148**	0.093	0.00003	0.0044	**2.41** [#1]	0.092	0.00003	0.0001
		30-Aug-2018	**1.88**	0.057	0.0001	0.0002	**<0.134**	0.134	0.0003	0.00002	**25.9**	0.149	0.00003	0.0008	**1.69**	0.141	0.00003	0.0001	**82**	0.134	0.00003	0.0025	**1.37** [#1]	0.150	0.00003	0.00004
		6-Sep-2019	**1.09**	0.435	0.0001	0.0001	**<0.414**	0.414	0.0003	0.00006	**22.4**	0.242	0.00003	0.0007	**1.74**	0.242	0.00003	0.0001	**70**	0.258	0.00003	0.0021	**1.45** [#1,3]	0.278	0.00003	0.00004
		26-Aug-2020	**1.31**	0.057	0.0001	0.0001	**0.126**	0.057	0.0003	0.00004	**22.1**	0.175	0.00003	0.0007	**1.33**	1.330	0.00003	0.00004	**75**	0.160	0.00003	0.0022	**1.43** [#1]	0.079	0.00003	0.00004
		30-Sep-2021	**0.482**	0.028	0.0001	0.00005	**0.033**	0.027	0.0003	0.00001	**4.43**	0.210	0.00003	0.0001	**0.24** [#3]	0.190	0.00003	0.00001	**13.9**	0.200	0.00003	0.0004	**0.59** [#3]	0.200	0.00003	0.000018
		13-Oct-2022	**14.1**	0.045	0.0001	0.0014	**0.5**	0.049	0.0003	0.00015	**33.7**	0.440	0.00003	0.0010	**4.1** [#3]	0.410	0.00003	0.00012	**148.0**	0.420	0.00003	0.0044	**2.59**	0.460	0.00003	0.000078
		15-Aug-2024	**6.27**	0.022	0.0001	0.0006	**0.248**	0.055	0.0003	0.00007	**57.5**	0.230	0.00003	0.0017	**3.4** [#3]	0.230	0.00003	0.00010	**180.0**	0.230	0.00003	0.0054	**1.8** [#3]	0.230	0.00003	0.000054
		24-Sep-2025	**5.93**	0.062	0.0001	0.0006	**0.792**	0.065	0.0003	0.00024	**20.7**	0.080	0.00003	0.0006	**3.06**	0.090	0.00003	0.00009	**92.8**	0.090	0.00003	0.0028	**1.82**	0.081	0.00003	0.000055
Brook Trout	**1+**	13-Sep-2017	**5.89**	0.138	0.0001	0.0006	**0.366** [#3]	0.138	0.0003	0.00011	**76.1**	0.298	0.00003	0.0023	**4.31**	0.280	0.00003	0.0001	**254**	0.283	0.00003	0.0076	**4.12** [#1,3]	0.296	0.00003	0.0001
Chrystina Lake																										
Brook Trout	**1+**	11-Aug-2009	**13.4**	5.6	0.0001	0.0013	**<5.1**	5.1	0.0003	0.0008	**158**	8.6	0.00003	0.0047	**<10**	10.0	0.00003	0.0002	**460**	10.1	0.00003	0.0138	**48.0**	14.1	0.00003	0.0014
		1-Sep-2011	**14.3**	1.0	0.0001	0.0014	**<1.0**	1.0	0.0003	0.0002	**222**	2.0	0.00003	0.0067	**11.7** [#3]	2.0	0.00003	0.0004	**582**	2.0	0.00003	0.0175	**66.9**	2.0	0.00003	0.0020
		1-Sep-2012	**51.1**	0.6	0.0001	0.0051	**2.41**	0.6	0.0003	0.0007	**827**	0.90	0.00003	0.0248	**58.6**	1.0	0.00003	0.0018	**2200**	1.0	0.00003	0.0660	**255**	1.0	0.00003	0.0077
(Replicate A)		1-Sep-2013	**13.3**	0.383	0.0001	0.0013	**0.726** [#3]	0.368	0.0003	0.0002	**163**	3.990	0.00003	0.0049	**9.93**	3.880	0.00003	0.0003	**383**	3.570	0.00003	0.0115	**6.3** [#1]	0.705	0.00003	0.0002
(Replicate B)		1-Sep-2013	**13.5**	0.383	0.0001	0.0014	**0.806**	0.368	0.0003	0.0002	**170**	3.990	0.00003	0.0051	**11.9**	3.880	0.00003	0.0004	**410**	3.570	0.00003	0.0123	**7.6** [#1]	0.965	0.00003	0.0002
		23-Sep-2015	**132**	0.662	0.0001	0.0132	**5.23** [#3]	0.622	0.0003	0.0016	**1750**	6.430	0.00003	0.0525	**95.7**	6.260	0.00003	0.0029	**5260**	5.500	0.00003	0.1578	**66.3** [#1]	6.140	0.00003	0.0020
		31-Aug-2016	**10.6**	0.055	0.0001	0.0011	**0.448**	0.055	0.0003	0.0001	**125**	0.111	0.00003	0.0038	**8.43**	0.112	0.00003	0.0003	**372**	0.103	0.00003	0.0112	**6.59** [#1]	0.106	0.00003	0.0002
		12-Sep-2017	**9.11**	0.200	0.0001	0.0009	**0.497** [#3]	0.192	0.0003	0.0001	**145**	0.374	0.00003	0.0044	**9.83**	0.392	0.00003	0.0003	**426**	0.390	0.00003	0.0128	**7.25** [#1]	0.399	0.00003	0.0002
		29-Aug-2018	**11.7**	0.056	0.0001	0.0012	**0.596**	0.178	0.0003	0.0002	**111**	0.210	0.00003	0.0033	**7.82**	0.191	0.00003	0.0002	**295**	0.197	0.00003	0.0089	**5.06** [#1]	0.274	0.00003	0.00015
(Replicate A)		5-Sep-2019	**8.85**	0.247	0.0001	0.0009	**0.632** [#3]	0.237	0.0003	0.0002	**125**	0.584	0.00003	0.0038	**8.89**	0.580	0.00003	0.0003	**347**	0.623	0.00003	0.0104	**6.86** [#1,3]	0.650	0.00003	0.00021
(Replicate B)		5-Sep-2019	**10.2**	0.196	0.0001	0.0010	**0.505** [#3]	0.167	0.0003	0.0002	**142.8**	0.406	0.00003	0.0043	**9.38**	0.452	0.00003	0.0003	**385**	0.448	0.00003	0.0116	**6.62** [#1,3]	0.468	0.00003	0.00020
		25-Aug-2020	**10.5**	0.058	0.0001	0.0011	**0.655**	0.058	0.0003	0.0002	**156**	0.593	0.00003	0.0047	**10.1**	0.301	0.00003	0.0003	**415**	0.496	0.00003	0.0125	**8.29** [#1]	0.292	0.00003	0.00025
		29-Sep-2021	**35.5**	0.092	0.0001	0.0036	**1.36**	0.027	0.0003	0.0004	**508**	0.300	0.00003	0.0152	**35.3**	0.290	0.00003	0.0011	**1440**	0.300	0.00003	0.0432	**19.7**	0.320	0.00003	0.0006
(Lab Duplicate)		29-Sep-2021	**35.4**	0.084	0.0001	0.0035	**1.12**	0.022	0.0003	0.0003	**418**	0.330	0.00003	0.0125	**29.7**	0.310	0.00003	0.0009	**1250**	0.310	0.00003	0.0375	**16.6**	0.340	0.00003	0.0005
		12-Oct-2022	**16.2**	0.030	0.0001	0.0016	**0.584**	0.014	0.0003	0.0002	**249**	2.800	0.00003	0.0075	**14.7**	2.500	0.00003	0.0004	**675**	2.600	0.00003	0.0203	**9.3** [#3]	3.000	0.00003	0.0003
		13-Sep-2023	**10.3**	0.017	0.0001	0.0010	**0.434**	0.015	0.0003	0.0001	**135**	1.400	0.00003	0.0041	**11.7**	1.600	0.00003	0.0004	**374**	1.500	0.00003	0.0112	**5.3** [#3]	1.700	0.00003	0.0002
		14-Aug-2024	**9.9**	0.024	0.0001	0.0010	**0.451**	0.028	0.0003	0.0001	**130**	0.210	0.00003	0.0039	**8.24**	0.210	0.00003	0.0002	**368**	0.200	0.00003	0.0110	**5.4**	0.240	0.00003	0.0002
(Lab Duplicate)		14-Aug-2024	**14.7**	0.038	0.0001	0.0015	**0.674**	0.034	0.0003	0.0002	**192**	0.370	0.00003	0.0058	**12.8**	0.390	0.00003	0.0004	**543**	0.380	0.00003	0.0163	**7.8**	0.410	0.00003	0.0002
		24-Sep-2025	**14.6**	0.110	0.0001	0.0015	**1.91**	0.110	0.0003	0.0006	**128**	0.190	0.00003	0.0038	**14.1**	0.200	0.00003	0.0004	**375**	0.190	0.00003	0.0113	**<4.7**	4.700	0.00003	0.0001
	2+	11-Aug-2009	**43.3**	6.5	0.0001	0.0043	**2** [#3]	1.1	0.0003	0.0002	**733**	1.5	0.00003	0.0220	**43.4**	1.9	0.00003	0.0013	**2710**	1.8	0.00003	0.0813	**324**	1.7	0.00003	0.0094
		11-Aug-2010	**61.3**	0.7	0.0001	0.0061	**2.5** [#3]	0.8	0.0003	0.0008	**1310**	1.4	0.00003	0.0393	**90.5**	1.9	0.00003	0.0027	**4160**	2.0	0.00003	0.1248	**400**	1.9	0.00003	0.0120
		12-Aug-2010	**128**	1.1	0.0001	0.0128	**4.2** [#3]	1.1	0.0003	0.0013	**2760**	1.9	0.00003	0.0828	**170**	2.3	0.00003	0.0051	**8700**	2.3	0.00003	0.2610	**811**	2.3	0.00003	0.0243
		1-Sep-2011	**229**	3.0	0.0001	0.0229	**12.2** [#3]	3.0	0.0003	0.0037	**6230**	5.0	0.00003	0.1869	**379**	4.0	0.00003	0.0114	**21700**	4.0	0.00003	0.6510	**2170**	4.0	0.00003	0.0651
(Duplicate)		1-Sep-2011	**315**	2.0	0.0001	0.0315	**14.4**	2.0	0.0003	0.0043	**8300**	4.0	0.00003	0.2490	**528**	5.0	0.00003	0.0158	**28000**	5.0	0.00003	0.8400	**2820**	5.0	0.00003	0.0846
(Replicate A)		1-Sep-2011	**316**	2.0	0.0001	0.0316	**13.8**	2.0	0.0003	0.0041	**9370**	4.0	0.00003	0.2811	**567**	8.0	0.00003	0.0170	**30400**	---	0.00003	0.9120	**3240**	---	0.00003	0.0972
(Replicate B)		1-Sep-2011	**349**	2.0	0.0001	0.0349	**16.7**	2.0	0.0003	0.0050	**11600**	5.0	0.00003	0.3480	**702**	9.0	0.00003	0.0211	**35900**	---	0.00003	1.0770	**3940**	---	0.00003	0.1182
(Replicate C)		1-Sep-2011	**549**	2.0	0.0001	0.0549	**22.7**	2.0	0.0003	0.0068	**17300**	4.0	0.00003	0.5190	**1090**	7.0	0.00003	0.0327	**56600**	---	0.00003	1.6980	**5740**	---	0.00003	0.1722
(Replicate D)		1-Sep-2011	**305**	2.0	0.0001	0.0305	**13.5** [#3]	2.0	0.0003	0.0041	**9420**	3.0	0.00003	0.2826	**575**	6.0	0.00003	0.0173	**31100**	8.0	0.00003	0.9330	**3070**	8.0	0.00003	0.0921
(Replicate E)		1-Sep-2011	**496**	2.0	0.0001	0.0496	**24.4**	2.0	0.0003	0.0073	**16200**	4.0	0.00003	0.4860	**1000**	8.0	0.00003	0.0300	**52900**	9.0	0.00003	1.5870	**5450**	---	0.00003	0.1635
		1-Sep-2012	**33.3**	0.5	0.0001	0.0033	**2.07** [#3]	0.5	0.0003	0.0006	**647**	0.800	0.00003	0.0194	**46.5**	1.0	0.00003	0.0014	**1820**	1.0	0.00003	0.0546	**198**	1.0	0.00003	0.0059
		1-Sep-2013	**50.3**	0.383	0.0001	0.0050	**3.46**	0.4	0.0003	0.0010	**1160**	3.990	0.00003	0.0348	**78**	3.880	0.00003	0.0023	**2990**	3.570	0.00003	0.0897	**43.2** [#1]	4.000	0.00003	0.0013
		30-Sep-2014	**40.5**	0.386	0.0001	0.0041	**1.77**	0.386	0.0003	0.0005	**1070**	4.790	0.00003	0.0321	**73.2**	5.530	0.00003	0.0022	**2950**	5.110	0.00003	0.0885	**53.5** [#1]	5.670	0.00003	0.0016
(Replicate A)		30-Sep-2014	**21.6**	0.251	0.0001	0.0022	**0.764**	0.239	0.0003	0.0002	**379**	1.180	0.00003	0.0114	**26.2**	1.340	0.00003	0.0008	**925**	1.290	0.00003	0.0278	**16.3** [#1]	1.440	0.00003	0.0005
(Replicate B)		30-Sep-2014	**24.3**	0.343	0.0001	0.0024	**0.92**	0.330	0.0003	0.0003	**414**	1.610	0.00003	0.0124	**28.9**	1.800	0.00003	0.0009	**1040**	1.710	0.00003	0.0312	**21.1** [#1]	1.850	0.00003	0.0006
		23-Sep-2015	**75**	0.408	0.0001	0.0075	**3.83** [#3]	0.393	0.0003	0.0011	**1460**	0.472	0.00003	0.0438	**100**	0.529	0.00003	0.0030	**3780**	0.468	0.00003	0.1134	**55.3** [#1]	0.533	0.00003	0.0017
		31-Aug-2016	**51.3**	0.056	0.0001	0.0051	**2.72**	0.056	0.0003	0.0008	**1480**	0.848	0.00003	0.0444	**106**	0.887	0.00003	0.0032	**3840**	0.820	0.00003	0.1152	**52.7** [#1]	0.819	0.00003	0.0016
		12-Sep-2017	**19.1**	0.258	0.0001	0.0019	**1.14** [#3]	0.246	0.0003	0.0003	**441**	0.774	0.00003	0.0132	**30.5**	0.765	0.00003	0.0009	**1230**	0.748	0.00003	0.0369	**17.5** [#1]	0.766	0.00003	0.0005
(Replicate A)		12-Sep-2017	**13.5**	0.154	0.0001	0.0014	**0.684** [#3]	0.152	0.0003	0.0002	**314**	0.475	0.00003	0.0094	**22.7**	0.462	0.00003	0.0007	**919**	0.480	0.00003	0.0276	**13.5** [#1]	0.501	0.00003	0.0004
		29-Aug-2018	**27.7**	0.056	0.0001	0.0028	**1.02**	0.715	0.0003	0.0003	**531**	0.274	0.00003	0.0159	**39.9**	0.261	0.00003	0.0012	**1550**	0.242	0.00003	0.0465	**25.4** [#1]	0.661	0.00003	0.0008
(Replicate A)		5-Sep-2019	**26.1**	0.245	0.0001	0.0026	**1.43** [#3]	0.234	0.0003	0.0004	**332**	2.460	0.00003	0.0100	**23**	2.510	0.00003	0.0007	**879**	2.560	0.00003	0.0264	**17.8** [#1,3]	2.770	0.00003	0.0005
(Replicate B)		5-Sep-2019	**24**	0.386	0.0001	0.0024	**1.68** [#3]	0.368	0.0003	0.0005	**374**	2.310	0.00003	0.0112	**27.4**	2.430	0.00003	0.0008	**994**	2.440	0.00003	0.0298	**20.5** [#1,3]	2.550	0.00003	0.0006
(Replicate A)		25-Aug-2020	**21.4**	0.057	0.0001	0.0021	**1.23**	0.057	0.0003	0.0004	**388**	0.686	0.00003	0.0116	**26**	0.685	0.00003	0.0008	**1080**	0.629	0.00003	0.0324	**16.8** [#1]	0.680	0.00003	0.0005
(Replicate B)		25-Aug-2020	**18.7**	0.058	0.0001	0.0019	**1.58**	0.058	0.0003	0.0005	**323**	0.743	0.00003	0.0097	**20.9**	0.750	0.00003	0.0006	**900**	0.679	0.00003	0.0270	**15.2** [#1]	0.745	0.00003	0.0005
		29-Sep-2021	**26.3**	0.055	0.0001	0.0026	**1.11**	0.023	0.0003	0.0003	**490**	0.390	0.00003	0.0147	**38.2**	0.390	0.00003	0.0011	**1480**	0.390	0.00003	0.0444	**20.0**	0.420	0.00003	0.0006
		12-Oct-2022	**56.2**	0.110	0.0001	0.0056	**1.97**	0.022	0.0003	0.0006	**910**	0.480	0.00003	0.0273	**70.8**	0.470	0.00003	0.0021	**2840**	0.480	0.00003	0.0852	**39.2**	0.530	0.00003	0.0012
		13-Sep-2023	**17.4**	0.021	0.0001	0.0017	**0.782**	0.020	0.0003	0.0002	**335**	1.100	0.00003	0.0101	**29** [#3]	1.300	0.00003	0.0009	**961**	1.100	0.00003	0.0288	**16.0**	1.300	0.00003	0.0005
		14-Aug-2024	**19.6**	0.052	0.0001	0.0020	**0.89**	0.025	0.0003	0.0003	**313**	0.350	0.00003	0.0094	**19.7**	0.340	0.00003	0.0006	**882**	0.330	0.00003	0.0265	**14.0**	0.370	0.00003	0.0004
(Replicate A)		24-Sep-2025	**15.8**	0.140	0.0001	0.0016	**2.4**	0.140	0.0003	0.0007	**263**	0.590	0.00003	0.0079	**26**	0.600	0.00003	0.0008	**759**	0.560	0.00003	0.0228	**< 11**	11.000	0.00003	0.0002
(Replicate B)		24-Sep-2025	**34.3**	0.380	0.0001	0.0034	**6.81**	0.390	0.0003	0.0020	**785**	0.710	0.00003	0.0236	**69.2**	0.820	0.00003	0.0021	**2080**	0.740	0.00003	0.0624	**31.3**	0.710	0.00003	0.0009
	3+	23-Sep-2006	**21**	---	0.0001	0.0021	**<0.10**	0.1	0.0003	0.00002	**720**	---	0.00003	0.0216	**<0.10**	0.1	0.00003	0.000002	**2400**	---	0.00003	0.0720	**200.0**	---	0.00003	0.0060
		11-Aug-2010	**43.5**	0.7	0.0001	0.0044	**1.82**	0.7	0.0003	0.0005	**1090**	1.4	0.00003	0.0327	**69.9**	1.8	0.00003	0.0021	**3280**	1.8	0.00003	0.0984	**316.0**	1.8	0.00003	0.0095

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Table C.3

Project Number: 217085-56230

Coplanar PCB Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and Hatchery Fish (2006-2025)

Sample Location	Age Class	Sample Date	Congener IUPAC No. - Concentration (pg/g ww)																									
			77				81				105				114				118				123					
			Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	WHO-TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ		
CCME Tissue Residue 2001			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Chrystina Lake - Continued																												
(Duplicate)		11-Aug-2010	**38.7**	0.6	0.0001	0.0039	**2.39**	0.6	0.0003	0.0007	**994**	1.2	0.00003	0.0298	**68.1**	1.7	0.00003	0.0020	**3070**	1.7	0.00003	0.0921	**312.0**	1.9	0.00003	0.0094		
		12-Aug-2010	**83.1**	1.1	0.0001	0.0083	**3.9**	1.1	0.0003	0.0012	**1640**	1.7	0.00003	0.0492	**97.1**	2.0	0.00003	0.0029	**5060**	1.9	0.00003	0.1518	**524.0**	2.0	0.00003	0.0157		
		1-Sep-2012	**16.2**	0.3	0.0001	0.0016	**0.97**	0.3	0.0003	0.0003	**410**	0.40	0.00003	0.0123	**31.1**	0.6	0.00003	0.0009	**1300**	0.5	0.00003	0.0390	**146**	0.6	0.00003	0.0044		
(Duplicate)		1-Sep-2012	**16.8**	0.3	0.0001	0.0017	**1.30** [#3]	0.3	0.0003	0.0004	**405**	0.40	0.00003	0.0122	**28.6**	0.6	0.00003	0.0009	**1220**	0.6	0.00003	0.0366	**134**	0.6	0.00003	0.0040		
		1-Sep-2012	**14.5**	0.3	0.0001	0.0015	**1.05** [#3]	0.4	0.0003	0.0003	**241**	0.50	0.00003	0.0072	**15.7**	0.8	0.00003	0.0005	**690**	0.7	0.00003	0.0207	**77.1**	0.7	0.00003	0.0023		
(Replicate C)		1-Sep-2013	**18.9**	0.383	0.0001	0.0019	**1.62**	0.4	0.0003	0.0005	**453**	3.990	0.00003	0.0136	**33**	3.880	0.00003	0.0010	**1310**	3.570	0.00003	0.0393	**17.3** [#1]	2.710	0.00003	0.0005		
(Replicate D)		1-Sep-2013	**24.2**	0.383	0.0001	0.0024	**2.24**	0.4	0.0003	0.0007	**641**	3.990	0.00003	0.0192	**47.6**	3.880	0.00003	0.0014	**1800**	3.570	0.00003	0.0540	**30.5** [#1]	1.070	0.00003	0.0009		
(Duplicate) [#4]		1-Sep-2013	**31.4** [#3]	0.383	0.0001	0.0031	**< 4.0**	4.0	0.0003	0.0006	**611**	3.990	0.00003	0.0183	**44.7**	3.880	0.00003	0.0013	**1780**	3.570	0.00003	0.0534	**188**	4.000	0.00003	0.0056		
		22-Sep-2014	**45**	0.257	0.0001	0.0045	**2.29**	0.232	0.0003	0.0007	**1300**	3.890	0.00003	0.0390	**92.1**	4.540	0.00003	0.0028	**4010**	4.300	0.00003	0.1203	**56.4** [#1]	4.930	0.00003	0.0017		
(Duplicate)		22-Sep-2014	**40**	0.29	0.0001	0.0040	**2.08** [#3]	0.265	0.0003	0.0006	**1210**	5.120	0.00003	0.0363	**85.7**	5.770	0.00003	0.0026	**3780**	5.300	0.00003	0.1134	**49.3** [#1]	5.820	0.00003	0.0015		
(Replicate A)		22-Sep-2014	**22.3**	0.179	0.0001	0.0022	**0.947**	0.167	0.0003	0.0003	**500**	1.400	0.00003	0.0150	**36.7**	1.550	0.00003	0.0011	**1290**	1.490	0.00003	0.0387	**21.8** [#1]	1.610	0.00003	0.0007		
(Replicate B)		22-Sep-2014	**17**	0.783	0.0001	0.0017	**0.97** [#3]	0.749	0.0003	0.0003	**844**	2.230	0.00003	0.0253	**63.6**	2.470	0.00003	0.0019	**2370**	2.360	0.00003	0.0711	**32.6** [#1]	2.600	0.00003	0.0010		
		23-Sep-2015	**122**	0.757	0.0001	0.0122	**5.74** [#3]	0.741	0.0003	0.0017	**2300**	8.660	0.00003	0.0690	**153**	9.140	0.00003	0.0046	**5890**	8.180	0.00003	0.1767	**82.2** [#1]	9.150	0.00003	0.0025		
		31-Aug-2016	**105**	0.055	0.0001	0.0105	**5.39**	0.055	0.0003	0.0016	**2500**	0.915	0.00003	0.0750	**171**	0.952	0.00003	0.0051	**6630**	0.875	0.00003	0.1989	**110** [#1]	0.896	0.00003	0.0033		
(Duplicate)		31-Aug-2016	**102**	0.056	0.0001	0.0102	**5.29**	0.056	0.0003	0.0016	**2400**	1.050	0.00003	0.0720	**168**	1.100	0.00003	0.0050	**6310**	0.972	0.00003	0.1893	**105** [#1]	1.020	0.00003	0.0032		
(Replicate A)		31-Aug-2016	**68.9**	0.055	0.0001	0.0069	**3.2**	0.055	0.0003	0.0010	**1740**	0.639	0.00003	0.0522	**115**	0.640	0.00003	0.0035	**4890**	0.577	0.00003	0.1467	**63.6** [#1]	0.609	0.00003	0.0019		
		12-Sep-2017	**26.9**	0.174	0.0001	0.0027	**1.96** [#3]	0.171	0.0003	0.0006	**658**	0.962	0.00003	0.0197	**43.6**	0.911	0.00003	0.0013	**1870**	0.926	0.00003	0.0561	**27.8** [#1]	0.983	0.00003	0.0008		
(Duplicate)		12-Sep-2017	**29**	0.140	0.0001	0.0029	**1.61** [#3]	0.133	0.0003	0.0005	**714**	1.300	0.00003	0.0214	**47.5**	1.220	0.00003	0.0014	**1990**	1.220	0.00003	0.0597	**33.9** [#1]	1.290	0.00003	0.0010		
		29-Aug-2018	**28.8**	0.070	0.0001	0.0029	**1.47**	0.292	0.0003	0.0004	**610**	1.540	0.00003	0.0183	**43.1**	1.490	0.00003	0.0013	**1820**	1.370	0.00003	0.0546	**27.4** [#1]	2.640	0.00003	0.0008		
(Duplicate)		29-Aug-2018	**27.2**	0.074	0.0001	0.0027	**1.3**	0.382	0.0003	0.0004	**539**	1.540	0.00003	0.0162	**42.3**	1.490	0.00003	0.0013	**1580**	1.370	0.00003	0.0474	**25.8** [#1]	0.453	0.00003	0.0008		
(Duplicate)		29-Aug-2018	**26.2**	0.055	0.0001	0.0026	**1.09**	0.629	0.0003	0.0003	**557**	1.350	0.00003	0.0167	**40.5**	1.270	0.00003	0.0012	**1620**	1.160	0.00003	0.0486	**25.5** [#1]	0.583	0.00003	0.0008		
		5-Sep-2019	**31.1**	1.650	0.0001	0.0031	**2.16** [#3]	1.570	0.0003	0.0006	**615**	3.420	0.00003	0.0185	**43.7**	3.600	0.00003	0.0013	**1670**	3.690	0.00003	0.0501	**31.8** [#1,3]	4.010	0.00003	0.0010		
(Duplicate)		5-Sep-2019	**30.8**	0.262	0.0001	0.0031	**2.74** [#3]	0.248	0.0003	0.0008	**593**	3.580	0.00003	0.0178	**41.3**	3.660	0.00003	0.0012	**1600**	3.650	0.00003	0.0480	**29.2** [#1,3]	3.890	0.00003	0.0009		
		29-Sep-2021	**24.1**	0.160	0.0001	0.0024	**0.723**	0.024	0.0003	0.0002	**383**	0.610	0.00003	0.0115	**28.6**	0.600	0.00003	0.0009	**1120**	0.590	0.00003	0.0336	**15.0**	0.620	0.00003	0.0005		
(Duplicate)		29-Sep-2021	**59.3**	0.110	0.0001	0.0059	**2.12**	0.022	0.0003	0.0006	**967**	1.000	0.00003	0.0290	**76.5**	0.930	0.00003	0.0023	**2760**	0.970	0.00003	0.0828	**54.1**	1.100	0.00003	0.0016		
		12-Oct-2022	**27.3**	0.063	0.0001	0.0027	**1.09**	0.015	0.0003	0.0003	**747**	2.300	0.00003	0.0224	**69**	2.300	0.00003	0.0021	**2410**	2.200	0.00003	0.0723	**37.1**	2.300	0.00003	0.0011		
		13-Sep-2023	**34.3**	0.027	0.0001	0.0034	**1.48**	0.025	0.0003	0.0004	**627**	0.470	0.00003	0.0188	**45.4**	0.620	0.00003	0.0014	**1870**	0.460	0.00003	0.0561	**29.3**	0.480	0.00003	0.0009		
(Lab Duplicate)		13-Sep-2023	**33.9**	0.020	0.0001	0.0034	**1.39**	0.020	0.0003	0.0004	**565**	0.500	0.00003	0.0170	**40.7**	0.620	0.00003	0.0012	**1640**	0.510	0.00003	0.0492	**19.5** [#3]	0.570	0.00003	0.0006		
		14-Aug-2024	**28.9**	0.038	0.0001	0.0029	**1.23**	0.041	0.0003	0.0004	**379**	0.370	0.00003	0.0114	**22.9**	0.390	0.00003	0.0007	**1080**	0.360	0.00003	0.0324	**15.1**	0.390	0.00003	0.0005		
(Duplicate)		14-Aug-2024	**49.1**	0.057	0.0001	0.0049	**1.98**	0.036	0.0003	0.0006	**511**	0.340	0.00003	0.0153	**30.2**	0.340	0.00003	0.0009	**1410**	0.310	0.00003	0.0423	**20.4**	0.350	0.00003	0.0006		
(Replicate A)		24-Sep-2025	**46.7**	0.130	0.0001	0.0047	**6.17**	0.130	0.0003	0.0019	**676**	0.620	0.00003	0.0203	**61.7**	0.600	0.00003	0.0019	**1970**	0.590	0.00003	0.0591	**< 23.0**	23.000	0.00003	0.0003		
(Duplicate)		24-Sep-2025	**93.2**	0.076	0.0001	0.0093	**9.79**	0.075	0.0003	0.0029	**1260**	0.820	0.00003	0.0378	**120**	0.850	0.00003	0.0036	**3500**	0.820	0.00003	0.1050	**54.5**	0.740	0.00003	0.0016		
(Replicate B)		24-Sep-2025	**17.1**	0.037	0.0001	0.0017	**< 2.3**	2.300	0.0003	0.0003	**255**	0.230	0.00003	0.0077	**23.9**	0.240	0.00003	0.0007	**710**	0.240	0.00003	0.0213	**11.7**	0.230	0.00003	0.0004		
	4+	23-Sep-2006	**220**	0.2	0.0001	0.0220	**6.3**	0.3	0.0003	0.0019	**2800**	0.2	0.00003	0.0840	**190**	0.2	0.00003	0.0057	**8700**	0.2	0.00003	0.2610	**970.0**	0.2	0.00003	0.0291		
(Duplicate)		23-Sep-2006	**250**	0.2	0.0001	0.0250	**<0.20**	0.2	0.0003	0.00003	**3000**	0.2	0.00003	0.0900	**200**	0.2	0.00003	0.0060	**8800**	0.2	0.00003	0.2640	**1000.0**	0.2	0.00003	0.0300		
		1-Sep-2011	**139**	2.0	0.0001	0.0139	**6**	2.0	0.0003	0.0018	**2810**	4.0	0.00003	0.0843	**158**	3.0	0.00003	0.0047	**9080**	3.0	0.00003	0.2724	**943.0**	3.0	0.00003	0.0283		
		1-Sep-2013	**137**	0.383	0.0001	0.0137	**10.1**	0.368	0.0003	0.0030	**2840**	3.990	0.00003	0.0852	**186**	3.880	0.00003	0.0056	**8690**	3.570	0.00003	0.2607	**124.0** [#1]	7.620	0.00003	0.0037		
		22-Sep-2014	**157**	1.33	0.0001	0.0157	**7.15**	1.260	0.0003	0.0021	**3940**	10.000	0.00003	0.1182	**277**	11.100	0.00003	0.0083	**11200**	10.7	0.00003	0.3360	**179.0** [#1]	12.200	0.00003	0.0054		
		23-Sep-2015	**45.7**	0.853	0.0001	0.0046	**2.6** [#3]	0.853	0.0003	0.0008	**981**	3.750	0.00003	0.0294	**68.1**	3.830	0.00003	0.0020	**2630**	3.670	0.00003	0.0789	**35.4** [#1]	3.920	0.00003	0.0011		
(Replicate A)		23-Sep-2015	**52**	0.377	0.0001	0.0052	**2.95** [#3]	0.380	0.0003	0.0009	**1420**	5.040	0.00003	0.0426	**102**	5.400	0.00003	0.0031	**3920**	5.010	0.00003	0.1176	**48.9** [#1]	5.560	0.00003	0.0015		
		12-Sep-2017	**39.7**	0.122	0.0001	0.0040	**1.91** [#3]	0.118	0.0003	0.0006	**1080**	1.560	0.00003	0.0324	**72.3**	1.620	0.00003	0.0022	**3170**	1.670	0.00003	0.0951	**42.6** [#1]	1.760	0.00003	0.0013		
(Replicate A)		29-Aug-2018	**67.9**	0.056	0.0001	0.0068	**2.78**	1.300	0.0003	0.0008	**1580**	2.740	0.00003	0.0474	**110**	2.700	0.00003	0.0033	**4330**	2.370	0.00003	0.1299	**72.5** [#1]	2.460	0.00003	0.0022		
(Replicate B)		29-Aug-2018	**18.1**	0.057	0.0001	0.0018	**1.06**	0.260	0.0003	0.0003	**815**	1.410	0.00003	0.0245	**67.2**	1.330	0.00003	0.0020	**2420**	1.200	0.00003	0.0726	**38.5** [#1]	0.704	0.00003	0.0012		
(Replicate C)		29-Aug-2018	**30.4**	0.056	0.0001	0.0030	**1.53**	0.399	0.0003	0.0005	**765**	1.870	0.00003	0.0230	**58**	1.870	0.00003	0.0017	**2120**	1.720	0.00003	0.0636	**34.3** [#1]	2.540	0.00003	0.0010		
		25-Aug-2020	**13.6**	0.058	0.0001	0.0014	**1.16**	0.058	0.0003	0.0003	**300**	0.769	0.00003	0.0090	**20.7**	0.737	0.00003	0.0006	**812**	0.708	0.00003	0.0244	**14.7** [#1]	0.747	0.00003	0.0004		
		29-Sep-2021	**31.9**	0.072	0.0001	0.0032	**1.26**	0.019	0.0003	0.0004	**540**	0.500	0.00003	0.0162	**41.1**	0.450	0.00003	0.0012	**1530**	0.450	0.00003	0.0459	**24.5**	0.500	0.00003	0.0007		
		24-Sep-2025	**10.8**	0.085	0.0001	0.0011	**< 7.7**	7.700	0.0003	0.0012	**312**	0.230	0.00003	0.0094	**25**	0.130	0.00003	0.0008	**837**	0.130	0.00003	0.0251	**< 17.0**	17.000	0.00003	0.0003		
	5+	23-Sep-2006	**130**	---	0.0001	0.0130	**4**	0.2	0.0003	0.0012	**1800**	0.2	0.00003	0.0540	**94**	0.2	0.00003	0.0028	**5100**	0.2	0.00003	0.1530	**560.0**	0.2	0.00003	0.0168		
		7-Sep-2007	**68**	0.9	0.0001	0.0068	**2.4**	1.0	0.0003	0.0007	**990**	1.6	0.00003	0.0297	**73**	2.1	0.00003	0.0022	**3200**	1.8	0.00003	0.0960	**380.0**	1.9	0.00003	0.0114		
		12-Aug-2010	**22.4**	0.9	0.0001	0.0022	**2** [#3]	1.0	0.0003	0.0006	**589**	1.7	0.00003	0.0177	**38.6**	1.8	0.00003	0.0012	**1710**	1.8	0.0003	0.5130	**185.0**	1.8	0.00003	0.0056		
		1-Sep-2013	**293**	0.383	0.0001	0.0293	**16.8**	0.368	0.0003	0.0050	**6270**	3.990	0.00003	0.1881	**397**	3.880	0.00003	0.0119	**18700**	3.570	0.00003	0.5610	**221.0** [#1]	12.4	0.00003	0.0066		
(Duplicate) [#4]		1-Sep-2013	**348**	0.383	0.0001	0.0348	**16.0**	0.368	0.0003	0.0048	**7430**	3.990	0.00003	0.2229	**427**	3.880	0.00003	0.0128	**22700**	3.570	0.00003	0.6810	**2320.0**	4.0	0.00003	0.0696		
		23-Sep-2015	**77.1**	0.519	0.0001	0.0077	**4.2** [#3]	0.516	0.0003	0.0013	**1660**	5.620	0.00003	0.0498	**116**	6.070	0.00003	0.0035	**4440**	5.480	0.00003	0.1332	**64.3** [#1]	6.110	0.00003	0.0019		
		31-Aug-2016	**41.4**	0.057	0.0001	0.0041	**2.14**	0.056	0.0003	0.0006	**1440**	0.955	0.00003	0.0432	**114**	0.994	0.00003	0.0034	**4090**	0.894	0.00003	0.1227	**53.7** [#1]	0.936	0.00003	0.0016		
		12-Sep-2017	**158**	0.058	0.0001	0.0158	**11.1**	0.058	0.0003	0.0033	**3750**	5.630	0.00003	0.1125	**236**	1.890	0.00003	0.0071	**10400**	5.610	0.00003	0.3120	**155.0** [#1]	1.870	0.00003	0.0047		
(Re-analysis)		12-Sep-2017	**114**	0.057	0.0001	0.0114	**8.09**	0.057	0.0003	0.0024	**2730**	1.230	0.00003	0.0819	**167**	1.170	0.00003	0.0050	**7220**	1.160	0.00003	0.2166	**125.0** [#1]	1.120	0.00003	0.0038		
		29-Sep-2021	**27.5**	0.074	0.0001	0.0028	**1.24**	0.062	0.0003	0.0004	**523**	2.700	0.00003	0.0157	**43.3**	2.500	0.00003	0.0013	**1430**	2.700	0.00003	0.0429	**27** [#3]	2.600	0.00003	0.0008		
	6+	7-Sep-2007	**28**	1.0	0.0001	0.0028	**1.6**	1.0	0.0003	0.0005	**1100**	2.0	0.00003	0.0330	**93**	2.6	0.00003	0.0028	**3500**	2.2	0.00003	0.1050	**380.0**	2.6	0.00003	0.0114		
	7+	7-Sep-2007	**27**	0.7	0.0001	0.0027	**0.78**	0.7	0.0003	0.0002	**400**	1.3	0.00003	0.0120	**24**	1.5	0.00003	0.0007	**960**	1.4	0.00003	0.0288	**100.0**	1.5	0.00003	0.0030		
(Duplicate)		7-Sep-2007	**24**	1.0	0.0001	0.0024	**<0.9**	0.9	0.0003	0.0001	**350**	1.7	0.00003	0.0105	**21**	2.1	0.00003	0.0006	**840**	1.8	0.00003	0.0252	**94.0**	2.1	0.00003	0.0028		
	11+	7-Sep-2007	**72**	0.9	0.0001	0.0072	**2.7**	0.8	0.0003	0.0008	**1200**	1.5	0.00003	0.0360	**89**	1.8	0.00003	0.0027	**3600**	1.7	0.00003	0.1080	**400.0**	1.9	0.00003	0.0120		
	12+	7-Sep-2007	**100**	1.1	0.0001	0.0100	**3.3**	1.0	0.0003	0.0010	**1600**	2.0	0.00003	0.0480	**120**	2.4	0.00003	0.0036	**4900**	2.2	0.00003	0.1470	**580.0**	2.4	0.00003	0.0174		
	Unknown	23-Jul-2008	**14**	0.8	0.0001	0.0014	**0.88**	0.7	0.0003	0.0003	**170**	1.2	0.00003	0.0051	**10**	1.0	0.00003	0.0003	**450**	0.9	0.00003	0.0135	**55.0**	1.0	0.00003	0.0017		
(Replicate)		23-Jul-2008	**4.8**	0.5	0.0001	0.0005	**<0.5**	0.5	0.0003	0.0001	**52**	1.0	0.00003	0.0016	**3**	0.8	0.00003	0.0001	**140**	0.7	0.00003	0.0042	**22.0**	0.8	0.00003	0.0007		
(Replicate A)		23-Jul-2008	**18**	0.4	0.0001	0.0018	**0.7**	0.4	0.0003	0.0002	**210**	1.0	0.00003	0.0063	**13**	0.8	0.00003	0.0004	**630**	0.7	0.00003	0.0189	**83.0**	0.8	0.00003	0.0025		
(Replicate B)		23-Jul-2008	**12**	0.5	0.0001	0.0012	**0.64**	0.5	0.0003	0.0002	**150**	1.0	0.00003	0.0045	**9.4**	0.7	0.00003	0.0003	**390**	0.7	0.00003	0.0117	**46.0**	0.8	0.00003	0.0014		
(Replicate C)		23-Jul-2008	**19**	0.7	0.0001	0.0019	**0.9**	0.6	0.0003	0.0003	**160**	1.3	0.00003	0.0048	**8.5**	1.1	0.00003	0.0003	**390**	1.0	0.00003	0.0117	**45.0**	1.2	0.00003	0.0014		
		12-Oct-2022	**33.3**	0.1	0.0001	0.0033	**1.34**	0.012	0.0003	0.0004	**621**	3.0	0.00003	0.0186	**53** [#3]	2.6	0.00003	0.0016	**1860**	2.7	0.00003	0.0558	**29.7**	2.9	0.00003	0.0009		
(Replicate A)		13-Sep-2023	**18.5**	0.5	0.0001	0.0019	**0.896**	0.440	0.0003	0.0003	**421**	0.5	0.00003	0.0126	**32.5**	0.6	0.00003	0.0010	**1180**	0.5	0.00003	0.0354	**16.2**	0.6	0.00003	0.0005		
(Replicate B)		13-Sep-2023	**22**	0.0	0.0001	0.0022	**0.915**	0.020	0.0003	0.0003	**381**	1.2	0.00003	0.0114	**28** [#3]	1.3	0.00003	0.0008	**1210**	1.2	0.00003	0.0363	**17.9**	1.3	0.00003	0.0005		
(Replicate A)		14-Aug-2024	**20.3**	0.0	0.0001	0.0020	**1.05**	0.045	0.0003	0.0003	**360**	0.4	0.00003	0.0108	**24.5**	0.4	0.00003	0.0007	**1010**	0.4	0.00003	0.0303	**15.8**	0.4	0.00003	0.0005		

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Table C.3

Project Number: 217085-56230

Coplanar PCB Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and Hatchery Fish (2006-2025)

Sample Location	Age Class	Sample Date	Congener IUPAC No. - Concentration (pg/g ww)																									
			77				81				105				114				118				123					
			Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	WHO-TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ		
CCME Tissue Residue 2001			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Chrystina Lake - Continued																												
(Replicate B)		14-Aug-2024	**57.9**	0.1	0.0001	0.0058	**2.18**	0.033	0.0003	0.0007	**765**	0.4	0.00003	0.0230	**46.9**	0.4	0.00003	0.0014	**2130**	0.3	0.00003	0.0639	**25.4**	0.4	0.00003	0.0008		
(Replicate C)		14-Aug-2024	**17.3**	0.0	0.0001	0.0017	**0.885**	0.046	0.0003	0.0003	**315**	0.3	0.00003	0.0095	**20.1**	0.3	0.00003	0.0006	**851**	0.3	0.00003	0.0255	**13.6**	0.3	0.00003	0.0004		
		24-Sep-2025	**36.3**	0.4	0.0001	0.0036	**< 6.30**	6.300	0.0003	0.0009	**669**	0.5	0.00003	0.0201	**63.1**	0.5	0.00003	0.0019	**1840**	0.5	0.00003	0.0552	**< 27.0**	27.0	0.00003	0.0004		
White Sucker	**1+**	1-Feb-2011	**26.3**	1.0	0.0001	0.0026	**2.9**	1.0	0.0003	0.0009	**672**	2.0	0.00003	0.0202	**47.5**	3.0	0.00003	0.0014	**1860**	4.0	0.00003	0.0558	**204**	4.0	0.00003	0.0061		
		22-Sep-2014	**3.39**	0.106	0.0001	0.0003	**0.183** [#3]	0.102	0.0003	0.0001	**71.9**	0.467	0.00003	0.0022	**4.89**	0.488	0.00003	0.0001	**180**	0.489	0.00003	0.0054	**3.53** [#1]	0.515	0.00003	0.0001		
	2+	1-Feb-2011	**3.68** [#3]	0.6	0.0001	0.0004	**1.53** [#3]	0.6	0.0003	0.0005	**35.4**	1.0	0.00003	0.0011	**4.9** [#3]	2.0	0.00003	0.0001	**118**	2.0	0.00003	0.0035	**14.4** [#3]	2.0	0.00003	0.0004		
		22-Sep-2014	**3.99**	0.109	0.0001	0.0004	**0.221** [#3]	0.107	0.0003	0.0001	**110**	0.691	0.00003	0.0033	**8.23**	0.736	0.00003	0.0002	**273**	0.715	0.00003	0.0082	**5.62** [#1]	0.755	0.00003	0.0002		
	3+	1-Feb-2011	**9.1**	1.0	0.0001	0.0009	**< 2.0**	2.0	0.0003	0.0003	**99.8** [#3]	3.0	0.00003	0.0030	**< 6.0**	6.0	0.00003	0.0001	**209**	7.0	0.00003	0.0063	**< 8.0**	8.0	0.00003	0.0001		
	6+	7-Sep-2007	**2.9**	0.5	0.0001	0.0003	**<0.4**	0.4	0.0003	0.0001	**60**	0.9	0.00003	0.0018	**4.4**	1.1	0.00003	0.0001	**150**	1.1	0.00003	0.0045	**18.0**	1.2	0.00003	0.0005		
	7+	7-Sep-2007	**2.8**	0.6	0.0001	0.0003	**<0.6**	0.6	0.0003	0.0001	**79**	1.4	0.00003	0.0024	**6**	1.7	0.00003	0.0002	**200**	1.5	0.00003	0.0060	**20.0**	1.7	0.00003	0.0006		
	8+	7-Sep-2007	**2.4**	0.5	0.0001	0.0002	**<0.5**	0.5	0.0003	0.0001	**61**	1.0	0.00003	0.0018	**4.3**	1.2	0.00003	0.0001	**150**	1.1	0.00003	0.0045	**15.0**	1.4	0.00003	0.0005		
		11-Aug-2009	**<7**	7.0	0.0001	0.0004	**<5.8**	5.8	0.0003	0.0009	**110**	7.9	0.00003	0.0033	**<11.7**	11.7	0.00003	0.0002	**354**	10.4	0.00003	0.0106	**42.0**	12.7	0.00003	0.0013		
	9+	7-Sep-2007	**3.6**	0.5	0.0001	0.0004	**<0.5**	0.5	0.0003	0.0001	**120**	1.0	0.00003	0.0036	**9.2**	1.2	0.00003	0.0003	**300**	1.1	0.00003	0.0090	**33.0**	1.2	0.00003	0.0010		
	10+	11-Aug-2009	**<7.5**	7.5	0.0001	0.0004	**<5.3**	5.3	0.0003	0.0008	**71.5**	6.8	0.00003	0.0021	**<9.1**	9.1	0.00003	0.0001	**210**	6.8	0.00003	0.0063	**26.0**	9.6	0.00003	0.0008		
Brook Trout (Muscle only)	**3+**	1-Feb-2012	**29.4** [#3]	1.0	0.0001	0.0029	**2.5**	1.0	0.0003	0.0008	**528**	2.0	0.00003	0.0158	**41.7**	4.0	0.00003	0.0013	**1700**	5.0	0.00003	0.0510	**173**	5.0	0.00003	0.0052		
Brook Trout (Skin Only)	**3+**	1-Feb-2012	**58.6**	1.0	0.0001	0.0059	**3.2** [#3]	1.0	0.0003	0.0010	**1160**	3.0	0.00003	0.0348	**72.5**	4.0	0.00003	0.0022	**3820**	5.0	0.00003	0.1146	**380**	5.0	0.00003	0.0114		
	2+	1-Sep-2012	**9.2**	2.0	0.0001	0.0009	**< 2.0**	2.0	0.0003	0.0003	**67.6**	3.0	0.00003	0.0020	**< 4.0**	4.0	0.00003	0.0001	**241**	4.0	0.00003	0.0072	**21.1**	4.0	0.00003	0.0006		
	3+	1-Sep-2012	**5.5**	1.0	0.0001	0.0006	**< 1.0**	1.0	0.0003	0.0002	**30.5** [#3]	1.0	0.00003	0.0009	**< 2.0**	2.0	0.00003	0.00003	**72.0**	2.0	0.00003	0.0022	**10.1** [#3]	2.0	0.00003	0.0003		
		1-Sep-2012	**12.7**	2.0	0.0001	0.0013	**< 2.0**	2.0	0.0003	0.0003	**140**	2.0	0.00003	0.0042	**10.1** [#3]	3.0	0.00003	0.0003	**356**	3.0	0.00003	0.0107	**47.7** [#3]	3.0	0.00003	0.0014		
Forage Fish	**---**	4-Nov-2014	**17.7**	0.224	0.0001	0.0018	**1.03**	0.2	0.0003	0.0003	**411**	1.840	0.00003	0.0123	**30.2**	2.780	0.00003	0.0009	**985**	2.810	0.00003	0.0296	**22.5** [#1]	3.610	0.00003	0.0007		
Aquatic Invertebrates	**---**	22-Aug-2014	**125**	1.410	0.0001	0.0125	**4.85**	1.3	0.0003	0.0015	**1610**	12.200	0.00003	0.0483	**108**	13.200	0.00003	0.0032	**4320**	13.300	0.00003	0.1296	**64.3** [#1]	15.100	0.00003	0.0019		
Edith Lake																												
Brook Trout	**1+**	11-Aug-2009	**3.7**	1.4	0.0001	0.0004	**<1.2**	1.2	0.0003	0.0002	**35.7**	1.7	0.00003	0.0011	**<3.7**	3.7	0.00003	0.0001	**125**	3.3	0.00003	0.0038	**14.1**	3.5	0.00003	0.0004		
		1-Sep-2011	**9** [#3]	2.0	0.0001	0.0009	**<2.0**	2.0	0.0003	0.0003	**75.1**	3.0	0.00003	0.0023	**<4.0**	4.0	0.00003	0.0001	**246**	3.0	0.00003	0.0074	**31.2**	3.0	0.00003	0.0009		
(Duplicate)		1-Sep-2011	**4.84** [#3]	0.8	0.0001	0.0005	**<0.8**	0.8	0.0003	0.0001	**49.9**	1.0	0.00003	0.0015	**<1.0**	1.0	0.00003	0.00002	**179**	2.0	0.00003	0.0054	**22.1** [#3]	2.0	0.00003	0.0007		
		1-Sep-2012	**10.1**	0.5	0.0001	0.0010	**< 0.60**	0.6	0.0003	0.0001	**142**	0.7	0.00003	0.0043	**12.6**	0.9	0.00003	0.0004	**464**	0.9	0.00003	0.0139	**62.1**	0.9	0.00003	0.0019		
		22-Sep-2015	**31.9**	0.332	0.0001	0.0032	**1.55** [#3]	0.343	0.0003	0.0005	**292**	1.120	0.00003	0.0088	**18.8**	1.2	0.00003	0.0006	**818**	1.120	0.00003	0.0245	**12.5** [#1]	1.2	0.00003	0.0004		
		30-Aug-2016	**5.93**	0.055	0.0001	0.0006	**0.247**	0.055	0.0003	0.0001	**83.4**	0.193	0.00003	0.0025	**5.14**	0.2	0.00003	0.0002	**272**	0.180	0.00003	0.0082	**4.35** [#1]	0.2	0.00003	0.0001		
		13-Sep-2017	**8.52**	0.188	0.0001	0.0009	**0.408** [#3]	0.188	0.0003	0.0001	**111**	0.444	0.00003	0.0033	**6.57**	0.4	0.00003	0.0002	**368**	0.420	0.00003	0.0110	**6.71** [#1]	0.4	0.00003	0.0002		
		30-Aug-2018	**5.56**	0.055	0.0001	0.0006	**0.188** [#3]	0.180	0.0003	0.0001	**66.2**	0.203	0.00003	0.0020	**4.16**	0.2	0.00003	0.0001	**212**	0.179	0.00003	0.0064	**3.5** [#1]	0.3	0.00003	0.0001		
(Replicate A)		6-Sep-2019	**6.11**	0.777	0.0001	0.0006	**<0.697**	0.697	0.0003	0.0001	**94.1**	0.501	0.00003	0.0028	**6.22**	0.5	0.00003	0.0002	**282**	0.569	0.00003	0.0085	**6.5** [#1,3]	0.6	0.00003	0.0002		
(Replicate B)		6-Sep-2019	**6.78**	0.264	0.0001	0.0007	**0.494** [#3]	0.267	0.0003	0.0001	**107**	0.480	0.00003	0.0032	**7.65**	0.5	0.00003	0.0002	**328**	0.499	0.00003	0.0098	**6.78** [#1,3]	0.5	0.00003	0.0002		
		26-Aug-2020	**4.84**	0.058	0.0001	0.0005	**0.286**	0.058	0.0003	0.0001	**68.6**	0.292	0.00003	0.0021	**4.37**	0.2	0.00003	0.0001	**224**	0.267	0.00003	0.0067	**4.6** [#1]	0.181	0.00003	0.0001		
		30-Sep-2021	**2.2**	0.047	0.0001	0.0002	**0.0875**	0.049	0.0003	0.0000	**26.1**	0.320	0.00003	0.0008	**1.6** [#3]	0.3	0.00003	0.0000	**86.4**	0.310	0.00003	0.0026	**1.5**	0.330	0.00003	0.0000		
		13-Oct-2022	**2.51**	0.020	0.0001	0.0003	**0.099**	0.014	0.0003	0.0000	**26.3**	1.600	0.00003	0.0008	**<1.4**	1.4	0.00003	0.0000	**77.1**	1.600	0.00003	0.0023	**<1.5**	1.500	0.00003	0.0000		
		14-Sep-2023	**2.96**	0.019	0.0001	0.0003	**0.11** [#3]	0.018	0.0003	0.0000	**25.8**	0.440	0.00003	0.0008	**1.8** [#3]	0.5	0.00003	0.0001	**90.2**	0.470	0.00003	0.0027	**1.6**	0.520	0.00003	0.0000		
		15-Aug-2024	**4.83**	0.021	0.0001	0.0005	**0.194**	0.041	0.0003	0.0001	**45.1**	0.250	0.00003	0.0014	**2.8**[#3]	0.260	0.00003	0.0001	**146**	0.250	0.00003	0.0044	**1.4**[#3]	0.270	0.00003	0.0000		
	2+	11-Aug-2009	**2.4**	1.4	0.0001	0.0002	**<1.3**	1.3	0.0003	0.0002	**35.7**	2.1	0.00003	0.0011	**<3.7**	3.7	0.00003	0.0001	**121**	3.6	0.00003	0.0036	**13.1**	3.4	0.00003	0.0004		
		11-Aug-2010	**35.7**	0.6	0.0001	0.0036	**1.27**	0.6	0.0003	0.0004	**466**	1.0	0.00003	0.0140	**23.3**	1.5	0.00003	0.0007	**1690**	1.5	0.00003	0.0507	**163.0**	1.7	0.00003	0.0049		
		1-Sep-2011	**31.3**	1.0	0.0001	0.0031	**<1.0**	1.0	0.0003	0.0002	**590**	3.0	0.00003	0.0177	**28.3**	2.0	0.00003	0.0008	**1830**	2.0	0.00003	0.0549	**173.0**	2.0	0.00003	0.0052		
		1-Sep-2012	**38.3**	0.6	0.0001	0.0038	**2.05** [#3]	0.6	0.0003	0.0006	**554**	0.90	0.00003	0.0166	**34.6**	1.0	0.00003	0.0010	**1670**	1.0	0.00003	0.0501	**159**	1.0	0.00003	0.0048		
		1-Sep-2013	**68.7**	0.383	0.0001	0.0069	**2.87**	0.368	0.0003	0.0009	**1050**	3.990	0.00003	0.0315	**56.2**	3.880	0.00003	0.0017	**3410**	3.570	0.00003	0.1023	**43.3** [#1]	2.630	0.00003	0.0013		
		21-Sep-2014	**20.1**	0.202	0.0001	0.0020	**0.844** [#3]	0.194	0.0003	0.0003	**455**	1.530	0.00003	0.0137	**24.2**	1.670	0.00003	0.0007	**1420**	1.620	0.00003	0.0426	**17.2** [#1]	1.730	0.00003	0.0005		
(Replicate A)		21-Sep-2014	**19.9**	0.192	0.0001	0.0020	**0.876** [#3]	0.183	0.0003	0.0003	**405**	1.240	0.00003	0.0122	**24.6**	1.290	0.00003	0.0007	**1080**	1.250	0.00003	0.0324	**15.2** [#1]	1.330	0.00003	0.0005		
(Replicate B)		21-Sep-2014	**4.57**	0.066	0.0001	0.0005	**0.144** [#3]	0.0666	0.0003	0.00004	**59.3**	0.259	0.00003	0.0018	**3.58**	0.264	0.00003	0.0001	**186**	0.258	0.00003	0.0056	**3.05** [#1]	0.275	0.00003	0.0001		
		22-Sep-2015	**2.5**	0.130	0.0001	0.0003	**0.156** [#3]	0.1	0.0003	0.00005	**33.4**	0.307	0.00003	0.0010	**1.91**	0.320	0.00003	0.0001	**108**	0.320	0.00003	0.0032	**1.79** [#1]	0.333	0.00003	0.0001		
		30-Aug-2016	**28.3**	0.056	0.0001	0.0028	**1.17**	0.1	0.0003	0.0004	**463**	0.293	0.00003	0.0139	**30.8**	0.302	0.00003	0.0009	**1450**	0.269	0.00003	0.0435	**18.4** [#1]	0.283	0.00003	0.0006		
		13-Sep-2017	**2.28**	0.076	0.0001	0.0002	**0.134** [#3]	0.1	0.0003	0.00004	**68.3**	0.313	0.00003	0.0020	**3.91**	0.295	0.00003	0.0001	**219**	0.288	0.00003	0.0066	**3.34** [#1]	0.293	0.00003	0.0001		
		30-Aug-2018	**4.85**	0.055	0.0001	0.0005	**0.156** [#3]	0.1	0.0003	0.00005	**68.6**	0.185	0.00003	0.0021	**4.22**	0.171	0.00003	0.0001	**229**	0.159	0.00003	0.0069	**3.1** [#1]	0.206	0.00003	0.0001		
(Replicate A)		6-Sep-2019	**1.94**	0.247	0.0001	0.0002	**<0.236**	0.2	0.0003	0.00004	**40.4**	0.335	0.00003	0.0012	**3**	0.346	0.00003	0.0001	**127**	0.370	0.00003	0.0038	**2.68** [#1,3]	0.377	0.00003	0.0001		
(Replicate B)		6-Sep-2019	**4.42**	0.348	0.0001	0.0004	**<0.325**	0.3	0.0003	0.00005	**72**	0.133	0.00003	0.0022	**4.94**	0.133	0.00003	0.0001	**215**	0.141	0.00003	0.0065	**3.59** [#1,3]	0.148	0.00003	0.0001		
		26-Aug-2020	**5.26**	0.058	0.0001	0.0005	**0.383**	0.1	0.0003	0.00011	**87.8**	0.350	0.00003	0.0026	**5.33**	0.194	0.00003	0.0002	**294**	0.324	0.00003	0.0088	**5.02** [#1]	0.193	0.00003	0.0002		
		30-Sep-2021	**3.46**	0.028	0.0001	0.0003	**0.126**	0.015	0.0003	0.0000	**39.4**	0.250	0.00003	0.0012	**2.4** [#3]	0.230	0.00003	0.0001	**132**	0.250	0.00003	0.0040	**1.7** [#3]	0.250	0.00003	0.0001		
		13-Oct-2022	**69.8**	0.061	0.0001	0.0070	**1.92**	0.017	0.0003	0.0006	**397**	0.410	0.00003	0.0119	**20.4**	0.360	0.00003	0.0006	**1140**	0.370	0.00003	0.0342	**18** [#3]	0.390	0.00003	0.0005		
		14-Sep-2023	**6.63**	0.025	0.0001	0.0007	**0.25** [#3]	0.024	0.0003	0.0001	**83.3**	0.340	0.00003	0.0025	**4.4** [#3]	0.400	0.00003	0.0001	**350**	0.330	0.00003	0.0105	**3.1**	0.340	0.00003	0.0001		
		15-Aug-2024	**28.9**	0.027	0.0001	0.0029	**1.06**	0.029	0.0003	0.0003	**138**	0.220	0.00003	0.0041	**4.03**	0.220	0.00003	0.0001	**477**	0.210	0.00003	0.0143	**0.23**[#3]	0.230	0.00003	0.0000		
	3+	11-Aug-2010	**53.7**	0.6	0.0001	0.0054	**1.89**	0.6	0.0003	0.0006	**519**	1.0	0.00003	0.0156	**23.4**	1.5	0.00003	0.0007	**2140**	1.5	0.00003	0.0642	**219.0**	1.6	0.00003	0.0066		
		1-Sep-2011	**37.4**	2.0	0.0001	0.0037	**4.2** [#3]	2.0	0.0003	0.0013	**453**	4.0	0.00003	0.0136	**33**	4.0	0.00003	0.0010	**1810**	5.0	0.00003	0.0543	**183.0**	4.0	0.00003	0.0055		
		1-Sep-2012	**42.1**	0.5	0.0001	0.0042	**2.67**	0.6	0.0003	0.0008	**680**	1.0	0.00003	0.0204	**41.4**	1.0	0.00003	0.0012	**2100**	1.0	0.00003	0.0630	**201**	1.0	0.00003	0.0060		
		1-Sep-2013	**84.8**	0.383	0.0001	0.0085	**3.77**	0.4	0.0003	0.0011	**1340**	3.990	0.00003	0.0402	**61.6**	3.880	0.00003	0.0018	**4090**	3.570	0.00003	0.1227	**56.6** [#1]	4.560	0.00003	0.0017		
(Duplicate)		1-Sep-2013	**73.1**	0.383	0.0001	0.0073	**3.02**	0.4	0.0003	0.0009	**1170**	3.990	0.00003	0.0351	**56.1**	3.880	0.00003	0.0017	**3600**	3.570	0.00003	0.1080	**48.2** [#1]	4.820	0.00003	0.0014		
(Duplicate) [#4]		1-Sep-2013	**118**	0.383	0.0001	0.0118	**< 4.0**	4.0	0.0003	0.0006	**1700**	3.990	0.00003	0.0510	**75.0**	3.880	0.00003	0.0023	**5600**	3.570	0.00003	0.1680	**495**	4.000	0.00003	0.0149		
(Replicate B)		1-Sep-2013	**137**	0.383	0.0001	0.0137	**5.14**	0.4	0.0003	0.0015	**1180**	3.990	0.00003	0.0354	**52.6**	3.880	0.00003	0.0016	**3470**	3.570	0.00003	0.1041	**50.6** [#1]	5.470	0.00003	0.0015		
		21-Sep-2014	**47**	1.830	0.0001	0.0047	**< 1.77**	1.77	0.0003	0.0003	**847**	3.780	0.00003	0.0254	**45.7**	3.690	0.00003	0.0014	**2780**	3.570	0.00003	0.0834	**39.1** [#1]	3.760	0.00003	0.0012		
(Replicate A)		21-Sep-2014	**30.8**	0.371	0.0001	0.0031	**1.31** [#3]	0.347	0.0003	0.0004	**543**	2.080	0.00003	0.0163	**35.6**	1.820	0.00003	0.0011	**1390**	1.730	0.00003	0.0417	**21.8** [#1]	1.890	0.00003	0.0007		
(Replicate B)		21-Sep-2014	**14.8**	1.200	0.0001	0.0015	**< 1.11**	1.11	0.0003	0.0002	**519**	3.220	0.00003	0.0156	**25.5**	3.170	0.00003	0.0008	**1720**	3.060	0.00003	0.0516	**21.7** [#1]	3.360	0.00003	0.0007		
		22-Sep-2015	**32.7**	0.352	0.0001	0.0033	**1.46** [#3]	0.347	0.0003	0.0004	**550**	1.620	0.00003	0.0165	**31.6**	1.750	0.00003	0.0009	**1500**	1.700	0.00003	0.0450	**24.3** [#1]	1.830	0.00003	0.0007		
(Duplicate)		22-Sep-2015	**31.1**	0.947	0.0001	0.0031	**1.54** [#3]	0.918	0.0003	0.0005	**512**	2.530	0.00003	0.0154	**28.8**	2.540	0.00003	0.0009	**1440**	2.490	0.00003	0.0432	**25.2** [#1]	2.700	0.00003	0.0008		

Project Number: 217085-56230

Coplanar PCB Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and Hatchery Fish (2006-2025)

Sample Location	Age Class	Sample Date	Congener IUPAC No. - Concentration (pg/g ww)																									
			77				81				105				114				118				123					
			Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	WHO-TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ		
CCME Tissue Residue 2001			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
Edith Lake - Continued																												
		30-Aug-2016	**38.6**	0.058	0.0001	0.0039	**1.63**	0.058	0.0003	0.0005	**592**	0.229	0.00003	0.0178	**33.1**	0.223	0.00003	0.0010	**1750**	0.200	0.00003	0.0525	**26.1** [#1]	0.205	0.00003	0.0008		
		13-Sep-2017	**11.3**	0.141	0.0001	0.0011	**0.557** [#3]	0.140	0.0003	0.0002	**263**	0.694	0.00003	0.0079	**13.9**	0.659	0.00003	0.0004	**800**	0.670	0.00003	0.0240	**11.8** [#1]	0.709	0.00003	0.0004		
(Duplicate)		13-Sep-2017	**10.7**	0.149	0.0001	0.0011	**0.458** [#3]	0.148	0.0003	0.0001	**234**	0.552	0.00003	0.0070	**12.7**	0.523	0.00003	0.0004	**713**	0.497	0.00003	0.0214	**8.92** [#1]	0.541	0.00003	0.0003		
		30-Aug-2018	**4.62**	0.057	0.0001	0.0005	**<0.15**	0.150	0.0003	0.00002	**65.6**	0.199	0.00003	0.0020	**3.94**	0.187	0.00003	0.0001	**227**	0.172	0.00003	0.0068	**3.46** [#1]	0.283	0.00003	0.0001		
		6-Sep-2019	**6.46**	0.240	0.0001	0.0006	**0.515** [#3]	0.235	0.0003	0.00015	**81.3**	0.707	0.00003	0.0024	**6.15**	0.857	0.00003	0.0002	**272**	0.892	0.00003	0.0082	**4.58** [#1]	0.944	0.00003	0.0001		
(Duplicate)		6-Sep-2019	**7.17**	0.295	0.0001	0.0007	**0.415** [#3]	0.296	0.0003	0.00012	**97**	0.594	0.00003	0.0029	**7.45**	0.603	0.00003	0.0002	**319**	0.665	0.00003	0.0096	**5.66** [#1,3]	0.665	0.00003	0.0002		
		26-Aug-2020	**5.59**	0.057	0.0001	0.0006	**0.327**	0.057	0.0003	0.00010	**83.3**	0.366	0.00003	0.0025	**5.24**	0.240	0.00003	0.0002	**253**	0.350	0.00003	0.0076	**4.03** [#1]	0.230	0.00003	0.0001		
(Duplicate)		26-Aug-2020	**4.31**	0.058	0.0001	0.0004	**0.461**	0.058	0.0003	0.00014	**73.9**	0.291	0.00003	0.0022	**4.56**	0.237	0.00003	0.0001	**251**	0.268	0.00003	0.0075	**4.28** [#1]	0.241	0.00003	0.0001		
		30-Sep-2021	**5.52**	0.042	0.0001	0.0006	**0.2**	0.027	0.0003	0.000060	**73.2**	0.790	0.00003	0.0022	**4.4** [#3]	0.710	0.00003	0.0001	**213**	0.730	0.00003	0.0064	**4.00** [#3]	0.800	0.00003	0.0001		
		13-Oct-2022	**7**	0.033	0.0001	0.0007	**0.234**	0.024	0.0003	0.0001	**81.5**	0.490	0.00003	0.0024	**3.7** [#3]	0.420	0.00003	0.0001	**277**	0.450	0.00003	0.0083	**3.6** [#3]	0.470	0.00003	0.0001		
		14-Sep-2023	**12.8**	0.019	0.0001	0.0013	**0.435**	0.019	0.0003	0.0001	**126**	1.100	0.00003	0.0038	**6.54**	1.100	0.00003	0.0002	**474**	1.000	0.00003	0.0142	**4.9** [#3]	1.100	0.00003	0.0001		
(Duplicate)		14-Sep-2023	**14.1**	0.019	0.0001	0.0014	**0.483**	0.018	0.0003	0.0001	**132**	1.100	0.00003	0.0040	**5.96**	1.300	0.00003	0.0002	**497**	1.000	0.00003	0.0149	**5.6**	1.200	0.00003	0.0002		
		15-Aug-2024	**10.9**	0.027	0.0001	0.0011	**0.384**	0.384	0.0003	0.0001	**76.8**	0.320	0.00003	0.0023	**2.79**	0.320	0.00003	0.0001	**307**	0.320	0.00003	0.0092	**3.5**[#3]	0.350	0.00003	0.0001		
	4+	23-Sep-2006	**170**	0.2	0.0001	0.0170	**4**	0.2	0.0003	0.0012	**1700**	0.2	0.00003	0.0510	**93**	0.2	0.00003	0.0028	**5600**	0.2	0.00003	0.1680	**650.0**	0.2	0.00003	0.0195		
		1-Sep-2011	**84.5**	2.0	0.0001	0.0085	**5.3** [#3]	2.0	0.0003	0.0016	**1430**	3.0	0.00003	0.0429	**78.1**	3.0	0.00003	0.0023	**4800**	3.0	0.00003	0.1440	**477.0**	3.0	0.00003	0.0143		
		1-Sep-2013	**101**	0.142	0.0001	0.0101	**4.85**	0.142	0.0003	0.0015	**1720**	0.166	0.00003	0.0516	**91.4**	0.154	0.00003	0.0027	**4630**	0.159	0.00003	0.1389	**62.4** [#1]	0.168	0.00003	0.0019		
		21-Sep-2014	**70.4**	0.357	0.0001	0.0070	**2.25**	0.338	0.0003	0.0007	**1080**	4.570	0.00003	0.0324	**53.5**	3.950	0.00003	0.0016	**3640**	3.730	0.00003	0.1092	**44.5** [#1]	4.040	0.00003	0.0013		
		22-Sep-2015	**48.4**	0.527	0.0001	0.0048	**1.64** [#3]	0.505	0.0003	0.0005	**631**	0.337	0.00003	0.0189	**38.3**	0.360	0.00003	0.0011	**2050**	0.335	0.00003	0.0615	**23.5** [#1]	0.363	0.00003	0.0007		
(Replicate A)		22-Sep-2015	**62.5**	0.304	0.0001	0.0063	**2.72** [#3]	0.298	0.0003	0.0008	**1140**	5.990	0.00003	0.0342	**55.1**	6.580	0.00003	0.0017	**3310**	5.950	0.00003	0.0993	**47** [#1]	6.460	0.00003	0.0014		
		30-Aug-2016	**39.1**	0.057	0.0001	0.0039	**1.59**	0.057	0.0003	0.0005	**595**	0.273	0.00003	0.0179	**29.9**	0.273	0.00003	0.0009	**1820**	0.247	0.00003	0.0546	**24.8** [#1]	0.253	0.00003	0.0007		
		13-Sep-2017	**16**	0.198	0.0001	0.0016	**0.72** [#3]	0.194	0.0003	0.0002	**325**	0.600	0.00003	0.0098	**16.2**	0.569	0.00003	0.0005	**931**	0.583	0.00003	0.0279	**12.9** [#1]	0.611	0.00003	0.0004		
		30-Aug-2018	**8.17**	0.056	0.0001	0.0008	**0.27** [#3]	0.210	0.0003	0.0001	**168**	0.361	0.00003	0.0050	**11.4**	0.341	0.00003	0.0003	**538**	0.313	0.00003	0.0161	**6.7**	0.431	0.00003	0.0002		
		26-Aug-2020	**5.7**	0.058	0.0001	0.0006	**0.37**	0.058	0.0003	0.0001	**74.4**	0.271	0.00003	0.0022	**4.06**	0.181	0.00003	0.0001	**244**	0.244	0.00003	0.0073	**4.25** [#1]	0.180	0.00003	0.0001		
		14-Sep-2023	**8.79**	0.015	0.0001	0.0009	**0.34**	0.014	0.0003	0.0001	**102**	0.710	0.00003	0.0031	**4.28**	0.770	0.00003	0.0001	**357**	0.720	0.00003	0.0107	**3.6**	0.710	0.00003	0.0001		
		15-Aug-2024	**9.71**	0.027	0.0001	0.0010	**0.369**	0.035	0.0003	0.0001	**63.5**	0.230	0.00003	0.0019	**2.5**[#3]	0.240	0.00003	0.0001	**240**	0.230	0.00003	0.0072	**2.7**	0.250	0.00003	0.0001		
	5+	23-Sep-2006	**34**	0.2	0.0001	0.0034	**1.7**	0.2	0.0003	0.0005	**490**	0.2	0.00003	0.0147	**<0.20**	0.2	0.00003	0.000003	**1600**	0.2	0.00003	0.0480	**160**	0.2	0.00003	0.0048		
		1-Sep-2011	**37**	1.0	0.0001	0.0037	**1.5**	1.0	0.0003	0.0005	**678**	2.0	0.00003	0.0203	**32.3** [#3]	2.0	0.00003	0.0010	**2440**	2.0	0.00003	0.0732	**245**	3.0	0.00003	0.0074		
		1-Sep-2013	**66**	1.0	0.0001	0.0066	**2.71**	1.0	0.0003	0.0008	**964**	2.0	0.00003	0.0289	**45.7**	2.000	0.00003	0.0014	**2830**	2.0	0.00003	0.0849	**36.8** [#1]	3.000	0.00003	0.0011		
		21-Sep-2014	**33**	0.501	0.0001	0.0033	**1.29** [#3]	0.492	0.0003	0.0004	**820**	5.15	0.00003	0.0246	**48.2**	4.910	0.00003	0.0014	**2650**	4.920	0.00003	0.0795	**36** [#1]	5.420	0.00003	0.0011		
		30-Aug-2016	**133**	0.057	0.0001	0.0133	**5.7**	0.1	0.0003	0.0017	**2010**	1.1	0.00003	0.0603	**101**	1.180	0.00003	0.0030	**6360**	1.050	0.00003	0.1908	**75.3** [#1]	1.110	0.00003	0.0023		
		30-Sep-2021	**7.52**	0.075	0.0001	0.0008	**0.289**	0.063	0.0003	0.0001	**90.3**	0.410	0.00003	0.0027	**5.2** [#3]	0.380	0.00003	0.0002	**313**	0.390	0.00003	0.0094	**5.7** [#3]	0.410	0.00003	0.0002		
		15-Aug-2024	**27.1**	0.049	0.0001	0.0027	**0.934**	0.041	0.0003	0.0003	**215**	0.300	0.00003	0.0065	**8.12**	0.300	0.00003	0.0002	**811**	0.300	0.00003	0.0243	**8.8**	0.340	0.00003	0.0003		
	6+	14-Sep-2023	**12.4**	0.014	0.0001	0.0012	**0.499**	0.012	0.0003	0.0001	**116**	0.620	0.00003	0.0035	**5.23**	0.900	0.00003	0.0002	**429**	0.610	0.00003	0.0129	**4.7** [#3]	0.610	0.00003	0.0001		
	11+	7-Sep-2007	**38**	0.9	0.0001	0.0038	**1**	0.8	0.0003	0.0003	**320**	1.3	0.00003	0.0096	**12**	1.6	0.00003	0.0004	**1200**	1.5	0.00003	0.0360	**120**	1.6	0.00003	0.0036		
	12+	7-Sep-2007	**25**	0.7	0.0001	0.0025	**<0.7**	0.7	0.0003	0.0001	**240**	1.2	0.00003	0.0072	**8.5**	1.6	0.00003	0.0003	**800**	1.4	0.00003	0.0240	**82**	1.5	0.00003	0.0025		
	Unknown	24-Jul-2008	**21**	0.4	0.0001	0.0021	**0.52**	0.4	0.0003	0.0002	**350**	0.9	0.00003	0.0105	**8.5**	0.7	0.00003	0.0003	**230**	0.7	0.00003	0.0069	**35**	0.8	0.00003	0.0011		
(Replicate A)		25-Jul-2008	**4.2**	0.5	0.0001	0.0004	**<0.5**	0.5	0.0003	0.0001	**48**	0.9	0.00003	0.0014	**2.2**	1.0	0.00003	0.0001	**130**	0.9	0.00003	0.0039	**22**	1.0	0.00003	0.0007		
(Replicate B)		26-Jul-2008	**7.4**	0.4	0.0001	0.0007	**<0.4**	0.4	0.0003	0.0001	**69**	0.9	0.00003	0.0021	**2.8**	0.7	0.00003	0.0001	**230**	0.6	0.00003	0.0069	**26**	0.8	0.00003	0.0008		
(Replicate C)		27-Jul-2008	**3.7**	0.4	0.0001	0.0004	**<0.4**	0.4	0.0003	0.0001	**40**	0.8	0.00003	0.0012	**2.2**	0.7	0.00003	0.0001	**120**	0.6	0.00003	0.0036	**20**	0.7	0.00003	0.0006		
Brook Trout (Stomach)	**1+**	1-Sep-2012	**6.6** [#3]	1.0	0.0001	0.0007	**< 1.0**	1.0	0.0003	0.0002	**32.5**	3.0	0.00003	0.0010	**< 4.0**	4.0	0.00003	0.0001	**84.1**	4.0	0.00003	0.0025	**10.5**	4.0	0.00003	0.0003		
	2+	1-Sep-2012	**1.29** [#3]	0.1	0.0001	0.0001	**< 0.10**	0.10	0.0003	0.00002	**6.34**	0.3	0.00003	0.0002	**< 0.40**	0.40	0.00003	0.00001	**21.2**	0.3	0.00003	0.0006	**2.20** [#3]	0.4	0.00003	0.0001		
	3+	1-Sep-2012	**1100**	0.5	0.0001	0.1100	**36.0**	0.5	0.0003	0.0108	**11300**	0.8	0.00003	0.3390	**634**	1.0	0.00003	0.0190	**35300**	1.0	0.00003	1.0590	**3150**	1.0	0.00003	0.0945		
(Re-analysis)		1-Sep-2012	**2260**	2.0	0.0001	0.2260	**85.2**	3.0	0.0003	0.0256	**26500**	3.0	0.00003	0.7950	**1190**	4.0	0.00003	0.0357	**65000**	5.0	0.00003	1.9500	**6230**	5.0	0.00003	0.1869		

Notes:
1. Superscript [#1] - Congener 123 does not coelute with other congeners during analysis, results before 2013 are based on the 107/109/123 coelution
2. Superscript [#2] - Reported result is based on the coelution of the coplanar congeners 156/157.
3. Superscript [#3] - Result does not meet all quantification criteria and value denotes the estimated maximum possible concentration (EMPC)
4. Superscript [#4] - Duplicate analyzed by alternative laboratory
5. TEQ - 2, 3, 7, 8, TCDD Toxic Equivalency Quotient.
6. TEF - World Health Organization - Toxic Equivalency Factor for Mammals.
7. Values exceed CCME (2001) Mammalian Tissue Residue Guideline for the Protection of Wildlife Consumers of Aquatic Biota, (CCME, 1999 and updated 2001)

worley consulting

Table C.3

Project Number: 217085-56230

Coplanar PCB Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and Hatchery Fish (2006-2025)

Sample Location	Age Class	Sample Date	Congener IUPAC No. - Concentration (pg/g ww)																						Total
			126				156				157				167				169				189				
			Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	PCB TEQ
CCME Tissue Residue 2001			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.79
Hatchery																											
Brook Trout	0+	23-Sep-2006	**<0.10**	0.1	0.1	0.0050	**14**	0.1	0.00003	0.0004	**3.2**	0.1	0.00003	0.0001	**8.6**	0.1	0.00003	0.0003	**<0.10**	0.1	0.03	0.0015	**1.3**	0.1	0.00003	0.00004	0.0195
		7-Sep-2007	**<1.1**	1.1	0.1	0.0550	**16**	1.9	0.00003	0.0005	**4.1**	0.9	0.00003	0.0001	**10**	0.9	0.00003	0.0003	**<0.1**	0.1	0.03	0.0150	**2.2**	0.8	0.00003	0.0001	0.0775
		8-Sep-2008	**<0.8**	0.8	0.1	0.0400	**7.7**	0.3	0.00003	0.0002	**2**	0.3	0.00003	0.0001	**5.2**	0.3	0.00003	0.0002	**<0.4**	0.4	0.03	0.0060	**1.1**	0.2	0.00003	0.00003	0.0507
(Duplicate)		8-Sep-2008	**<0.8**	0.8	0.1	0.0400	**8.8**	0.3	0.00003	0.0003	**2.1**	0.3	0.00003	0.0001	**5.9**	0.3	0.00003	0.0002	**<0.4**	0.4	0.03	0.0060	**1.2**	0.2	0.00003	0.00004	0.0513
		11-Aug-2009	**<6.1**	6.1	0.1	0.3050	**11.7**	5.2	0.00003	0.0004	**<6.2**	6.2	0.00003	0.0001	**<6.7**	6.7	0.00003	0.0001	**<7.1**	7.1	0.03	0.1065	**<3.5**	3.5	0.00003	0.0001	0.4186
		11-Aug-2010	**< 0.80**	0.8	0.1	0.0400	**11.5**	1.1	0.00003	0.0003	**3.7**	1.2	0.00003	0.0001	**6.9**	1.1	0.00003	0.0002	**< 1.0**	1.0	0.03	0.0150	**< 0.70**	0.7	0.00003	0.00001	0.0613
		1-Sep-2011	**< 0.20**	2	0.1	0.1000	**25.4** [#3]	2	0.00003	0.0008	**4.7**	2	0.00003	0.0001	**14.6**	2	0.00003	0.0004	**< 2.0**	2	0.03	0.0300	**< 1.0**	1	0.00003	0.00002	0.1448
		1-Sep-2012	**< 0.70**	0.7	0.1	0.0350	**22.9**	0.7	0.00003	0.0007	**5.63**	0.7	0.00003	0.0002	**15.0**	0.6	0.00003	0.0005	**< 0.60**	0.6	0.03	0.0090	**3.93** [#3]	0.6	0.00003	0.0001	0.0548
		1-Sep-2013	**0.542**	4.600	0.1	0.0542	**34.8** [#2]	0.700	0.00003	0.0010	**---**	---	---	---	**17.7**	0.932	0.00003	0.0005	**< 0.447**	0.447	0.03	0.0067	**4.23**	0.139	0.00003	0.0001	0.0738
		30-Sep-2014	**0.74**	0.428	0.1	0.0740	**17.2** [#2]	0.462	0.00003	0.0005	**---**	---	---	---	**9.07**	0.325	0.00003	0.0003	**< 0.375**	0.375	0.03	0.0056	**1.71**	0.057	0.00003	0.0001	0.0867
		23-Sep-2015	**0.669** [#3]	0.233	0.1	0.0669	**38.9** [#2]	1.840	0.00003	0.0012	**---**	---	---	---	**20.7**	1.570	0.00003	0.0006	**< 1.78**	1.780	0.03	0.0267	**4.83**	0.139	0.00003	0.0001	0.1078
		30-Aug-2016	**0.52**	0.114	0.1	0.0520	**17.7**	0.055	0.00003	0.0005	**5.04**	0.055	0.00003	0.0002	**11.9**	0.055	0.00003	0.0004	**0.121** [#3]	0.055	0.03	0.0036	**2.68**	0.055	0.00003	0.0001	0.0630
		30-Aug-2018	**0.332** [#3]	0.171	0.1	0.0332	**9.5**	0.057	0.00003	0.0003	**3.1**	0.057	0.00003	0.0001	**6.3**	0.057	0.00003	0.0002	**0.098**	0.057	0.03	0.0029	**1.24**	0.099	0.00003	0.00004	0.0403
		6-Sep-2019	**<0.299**	0.299	0.1	0.0150	**8.63** [#2]	0.383	0.00003	0.0003	**---**	---	---	---	**4.2**	0.290	0.00003	0.0001	**<0.38**	0.380	0.03	0.0057	**0.98**	0.077	0.00003	0.00003	0.0241
		26-Aug-2020	**0.331**	0.095	0.1	0.0331	**7.8**	0.057	0.00003	0.0002	**2.33**	0.1	0.00003	0.00007	**5.6**	0.057	0.00003	0.0002	**0.087**	0.057	0.03	0.0026	**1.17**	0.057	0.00003	0.00004	0.0394
		30-Sep-2021	**0.13**	0.086	0.1	0.0130	**1.87**	0.210	0.00003	0.0001	**---**	---	---	---	**1.13**	0.160	0.00003	0.00003	**<0.052**	0.052	0.03	0.0008	**0.267**	0.098	0.00003	0.000008	0.0145
		13-Oct-2022	**0.462**	0.110	0.1	0.0462	**3.91**	0.270	0.00003	0.0001	**---**	---	---	---	**2.1**	0.190	0.00003	0.0001	**0.083** [#3]	0.024	0.03	0.0025	**0.312**	0.095	0.00003	0.00001	0.0561
		15-Aug-2024	**0.74**	0.062	0.1	0.0740	**20.7**	0.300	0.00003	0.0006	**---**	---	---	---	**8.99**	0.210	0.00003	0.0003	**0.178**	0.077	0.03	0.0053	**1.3** [#3]	0.110	0.00003	0.00004	0.0883
		24-Sep-2025	**<0.25**	0.250	0.1	0.0125	**3.07**	0.048	0.00003	0.0001	**0.977**	0.046	0.00003	0.00003	**2.11**	0.043	0.00003	0.0001	**< 0.055**	0.055	0.03	0.0008	**0.375**	0.060	0.00003	0.00001	0.0179
Brook Trout	1+	13-Sep-2017	**0.891** [#3]	0.300	0.1	0.0891	**38.2** [#2]	0.202	0.00003	0.0011	**---**	---	---	---	**19.5**	0.172	0.00003	0.0006	**< 0.354**	0.354	0.03	0.0053	**4.85**	0.234	0.00003	0.0001	0.1071
Chrystina Lake																											
Brook Trout	1+	11-Aug-2009	**2.3**	1.1	0.1	0.2300	**49.9**	1.1	0.00003	0.0015	**9.9**	1.2	0.00003	0.0003	**24.9**	1.2	0.00003	0.0007	**<1.1**	1.1	0.03	0.0165	**4.8** [#3]	1.1	0.00003	0.0001	0.2714
		1-Sep-2011	**3.8**	2.0	0.1	0.3800	**61.8** [#3]	2.0	0.00003	0.0020	**13.1**	2.0	0.00003	0.0004	**37.5**	2.0	0.00003	0.0011	**<2.0**	2.0	0.03	0.0300	**4.8** [#3]	1.0	0.00003	0.0001	0.4418
		1-Sep-2012	**9.6**	1.0	0.1	0.9600	**230**	0.8	0.00003	0.0069	**52.2**	0.8	0.00003	0.0016	**112**	0.7	0.00003	0.0034	**< 0.70**	0.700	0.03	0.0105	**16.1**	0.6	0.00003	0.0005	**1.0889**
(Replicate A)		1-Sep-2013	**2.83**	4.6	0.1	0.2830	**57.5** [#2]	1.2	0.00003	0.0017	**---**	---	---	---	**26.5**	0.932	0.00003	0.0008	**< 0.812**	0.812	0.03	0.0122	**4.58**	0.1	0.00003	0.0001	0.3163
(Replicate B)		1-Sep-2013	**2.38**	4.6	0.1	0.2380	**65.2** [#2]	1.2	0.00003	0.0020	**---**	---	---	---	**29.4**	0.932	0.00003	0.0009	**< 0.925**	0.925	0.03	0.0139	**6.11**	0.1	0.00003	0.0002	0.2745
		23-Sep-2015	**15.9** [#3]	6.9	0.1	1.5900	**362** [#2]	5.0	0.00003	0.0109	**---**	---	---	---	**234**	4.000	0.00003	0.0070	**< 8.1**	8.100	0.03	0.1215	**22.7**	0.304	0.00003	0.0007	**1.9600**
		31-Aug-2016	**2.29**	0.1	0.1	0.2290	**46.9**	0.1	0.00003	0.0014	**12.4**	0.1	0.00003	0.0004	**30.3**	0.055	0.00003	0.0009	**0.849**	0.055	0.03	0.0255	**6.8**	0.055	0.00003	0.0002	0.2739
		12-Sep-2017	**2.16**	0.4	0.1	0.2160	**69.2** [#2]	0.5	0.00003	0.0021	**---**	---	---	---	**32.7**	0.388	0.00003	0.0010	**< 0.379**	<0.379	0.03	0.0057	**5.88**	0.209	0.00003	0.0002	0.2436
		29-Aug-2018	**2.71**	0.2	0.1	0.2710	**39.9**	0.1	0.00003	0.0012	**9.7**	0.1	0.00003	0.0003	**23.8**	0.090	0.00003	0.0007	**0.362**	0.117	0.03	0.0109	**4.5**	0.280	0.00003	0.0001	0.2981
(Replicate A)		5-Sep-2019	**1.39** [#3]	0.7	0.1	0.1390	**48.9** [#2]	0.6	0.00003	0.0015	**---**	---	---	---	**23.1**	0.453	0.00003	0.0007	**<0.476**	0.476	0.03	0.0071	**4.65**	0.141	0.00003	0.0001	0.1641
(Replicate B)		5-Sep-2019	**1.5** [#3]	0.5	0.1	0.1500	**52.9** [#2]	0.9	0.00003	0.0016	**---**	---	---	---	**25.9**	0.625	0.00003	0.0008	**<0.675**	0.675	0.03	0.0101	**4.68**	0.180	0.00003	0.0001	0.1801
		25-Aug-2020	**2.41**	0.4	0.1	0.2410	**50.2**	0.1	0.00003	0.0015	**12.5**	0.1	0.00003	0.0004	**29.8**	0.058	0.00003	0.0009	**0.307**	0.066	0.03	0.0092	**5.68**	0.058	0.00003	0.0002	0.2721
		29-Sep-2021	**7.75**	0.041	0.1	0.7750	**193**	0.5	0.00003	0.0058	**---**	---	---	---	**86.2**	0.390	0.00003	0.0026	**0.453**	0.130	0.03	0.0136	**14.2**	0.130	0.00003	0.0004	**0.8614**
(Lab Duplicate)		29-Sep-2021	**7.18**	0.034	0.1	0.7180	**159**	0.9	0.00003	0.0048	**---**	---	---	---	**71.2**	0.660	0.00003	0.0021	**0.384**	0.082	0.03	0.0115	**12.3**	0.120	0.00003	0.0004	**0.7921**
		12-Oct-2022	**4.21**	0.052	0.1	0.4210	**99.3**	2.1	0.00003	0.0030	**---**	---	---	---	**45.7**	1.400	0.00003	0.0014	**0.218**	0.060	0.03	0.0065	**6.8** [#3]	0.830	0.00003	0.0002	0.4623
		13-Sep-2023	**2.19**	0.040	0.1	0.2190	**47.1**	1.3	0.00003	0.0014	**---**	---	---	---	**22**	0.800	0.00003	0.0007	**0.23** [#3]	0.034	0.03	0.0069	**3.15**	0.410	0.00003	0.0001	0.2450
		14-Aug-2024	**2.44**	0.054	0.1	0.2440	**59.9**	0.3	0.00003	0.0018	**---**	---	---	---	**26.1**	0.190	0.00003	0.0008	**0.251**	0.020	0.03	0.0075	**4.94**	0.160	0.00003	0.0001	0.2707
(Lab Duplicate)		14-Aug-2024	**3.6**	0.070	0.1	0.3600	**86.9**	0.7	0.00003	0.0026	**---**	---	---	---	**37.6**	0.460	0.00003	0.0011	**0.295**	0.049	0.03	0.0089	**6.63**	0.220	0.00003	0.0002	0.3971
		24-Sep-2025	**2.61**	0.230	0.1	0.2610	**47.9**	0.2	0.00003	0.0014	**9.85**	0.2	0.00003	0.0003	**25.7**	0.200	0.00003	0.0008	**< 0.26**	0.260	0.03	0.0039	**5.13**	0.120	0.00003	0.0002	0.2852
	2+	11-Aug-2009	**10**	1.6	0.1	1.0000	**273**	1.6	0.00003	0.0082	**52.3**	1.7	0.00003	0.0016	**154**	1.6	0.00003	0.0046	**<1.6**	1.6	0.03	0.0240	**22.6**	1.7	0.00003	0.0007	**1.1575**
		11-Aug-2010	**15.3**	1.4	0.1	1.5300	**477**	1.7	0.00003	0.0143	**88.6**	1.8	0.00003	0.0027	**239**	1.7	0.00003	0.0072	**<1.6**	1.6	0.03	0.0240	**33.6**	1.1	0.00003	0.0010	**1.7648**
		12-Aug-2010	**24.2**	1.7	0.1	2.4200	**868**	1.5	0.00003	0.0260	**166**	1.7	0.00003	0.0050	**422**	1.4	0.00003	0.0127	**<1.6**	1.6	0.03	0.0240	**54**	1.8	0.00003	0.0016	**2.8766**
		1-Sep-2011	**62.6**	5.0	0.1	6.2600	**1680**	3.0	0.00003	0.0504	**346**	4.0	0.00003	0.0104	**953**	3.0	0.00003	0.0286	**< 4.0**	4.0	0.03	0.0600	**105**	2.0	0.00003	0.0032	**7.3535**
(Duplicate)		1-Sep-2011	**76.4**	3.0	0.1	7.6400	**2280**	4.0	0.00003	0.0684	**435**	4.0	0.00003	0.0131	**1130**	4.0	0.00003	0.0339	**< 4.0**	4.0	0.03	0.0600	**146**	2.0	0.00003	0.0044	**9.0450**
(Replicate A)		1-Sep-2011	**85.5**	3.0	0.1	8.5500	**2680**	4.0	0.00003	0.0804	**504**	4.0	0.00003	0.0151	**1390**	7.0	0.00003	0.0417	**< 2.0**	2.0	0.03	0.0300	**168**	4.0	0.00003	0.0050	**10.0653**
(Replicate B)		1-Sep-2011	**88.1**	3.0	0.1	8.8100	**3110**	5.0	0.00003	0.0933	**596**	5.0	0.00003	0.0179	**1550**	8.0	0.00003	0.0465	**< 2.0**	2.0	0.03	0.0300	**186**	4.0	0.00003	0.0056	**10.6074**
(Replicate C)		1-Sep-2011	**143**	3.0	0.1	14.3000	**4750**	4.0	0.00003	0.1425	**931**	4.0	0.00003	0.0279	**2410**	8.0	0.00003	0.0723	**< 2.0**	2.0	0.03	0.0300	**281**	3.0	0.00003	0.0084	**17.0648**
(Replicate D)		1-Sep-2011	**82.1**	3.0	0.1	8.2100	**2610**	4.0	0.00003	0.0783	**509**	4.0	0.00003	0.0153	**1360**	8.0	0.00003	0.0408	**< 2.0**	2.0	0.03	0.0300	**150**	3.0	0.00003	0.0045	**9.7384**
(Replicate E)		1-Sep-2011	**141**	3.0	0.1	14.1000	**4340**	5.0	0.00003	0.1302	**865**	5.0	0.00003	0.0260	**2310**	10.0	0.00003	0.0693	**< 3.0**	3.0	0.03	0.0450	**270**	4.0	0.00003	0.0081	**16.7020**
		1-Sep-2012	**6.73**	0.8	0.1	0.6730	**216**	0.7	0.00003	0.0065	**39.8**	0.8	0.00003	0.0012	**109**	0.8	0.00003	0.0033	**< 0.70**	0.7	0.03	0.0105	**17.5**	0.5	0.00003	0.0005	0.7803
		1-Sep-2013	**10.9**	4.600	0.1	1.0900	**380** [#2]	1.230	0.00003	0.0114	**---**	---	---	---	**161**	0.932	0.00003	0.0048	**< 2.48**	2.5	0.03	0.0372	**21.5**	0.139	0.00003	0.0006	**1.2783**
		30-Sep-2014	**12.6**	5.680	0.1	1.2600	**393** [#2]	1.580	0.00003	0.0118	**---**	---	---	---	**163**	1.100	0.00003	0.0049	**< 2.23**	2.230	0.03	0.0335	**23.6**	0.150	0.00003	0.0007	**1.4398**
(Replicate A)		30-Sep-2014	**4.8**	1.430	0.1	0.4800	**135** [#2]	0.458	0.00003	0.0041	**---**	---	---	---	**56.2**	0.316	0.00003	0.0017	**< 0.893**	0.893	0.03	0.0134	**8.97**	0.082	0.00003	0.0003	0.5422
(Replicate B)		30-Sep-2014	**5.55**	1.950	0.1	0.5550	**164** [#2]	0.675	0.00003	0.0049	**---**	---	---	---	**70.9**	0.471	0.00003	0.0021	**< 1.39**	1.390	0.03	0.0209	**12.7**	0.105	0.00003	0.0004	0.6311
		23-Sep-2015	**14.2** [#3]	0.566	0.1	1.4200	**450** [#2]	2.050	0.00003	0.0135	**---**	---	---	---	**197**	1.600	0.00003	0.0059	**4.85** [#3]	1.850	0.03	0.1455	**22.5**	0.207	0.00003	0.0007	**1.7561**
		31-Aug-2016	**19.7**	1.030	0.1	1.9700	**488**	0.056	0.00003	0.0146	**96.6**	0.0557	0.00003	0.0029	**255**	0.056	0.00003	0.0077	**1.28**	0.056	0.03	0.0384	**43**	0.056	0.00003	0.0013	**2.2052**
		12-Sep-2017	**5.28**	0.769	0.1	0.5280	**180** [#2]	1.350	0.00003	0.0054	**---**	---	---	---	**82.8**	1.150	0.00003	0.0025	**< 1.14**	1.140	0.03	0.0171	**13.3**	0.241	0.00003	0.0004	0.6072
(Replicate A)		12-Sep-2017	**4.16**	0.495	0.1	0.4160	**150** [#2]	0.299	0.00003	0.0045	**---**	---	---	---	**69.9**	0.247	0.00003	0.0021	**< 0.749**	0.749	0.03	0.0112	**11.7**	0.350	0.00003	0.0004	0.4738
		29-Aug-2018	**7.54**	0.607	0.1	0.7540	**175**	0.056	0.00003	0.0053	**35**	0.056	0.00003	0.0011	**97.5**	0.056	0.00003	0.0029	**0.531**	0.128	0.03	0.0159	**12.8**	0.198	0.00003	0.0004	**0.8470**
(Replicate A)		5-Sep-2019	**6.04** [#3]	2.880	0.1	0.6040	**127** [#2]	0.670	0.00003	0.0038	**---**	---	---	---	**62.8**	0.501	0.00003	0.0019	**<0.673**	0.673	0.03	0.0101	**10.3**	0.305	0.00003	0.0003	0.6607
(Replicate B)		5-Sep-2019	**5.81** [#3]	2.690	0.1	0.5810	**157** [#2]	0.499	0.00003	0.0047	**---**	---	---	---	**74.8**	0.374	0.00003	0.0022	**<0.79**	0.790	0.03	0.0119	**13.1**	0.297	0.00003	0.0004	0.6456
(Replicate A)		25-Aug-2020	**6.56**	0.813	0.1	0.6560	**140**	0.078	0.00003	0.0042	**30.5**	0.0826	0.00003	0.0009	**74.5**	0.075	0.00003	0.0022	**0.532**	0.096	0.03	0.0160	**15.2**	0.057	0.00003	0.0005	0.7276
(Replicate B)		25-Aug-2020	**4.71**	0.878	0.1	0.4710	**98.9**	0.153	0.00003	0.0030	**22.2**	0.166	0.00003	0.0007	**56.9**	0.152	0.00003	0.0017	**0.352**	0.196	0.03	0.0106	**9.82**	0.058	0.00003	0.0003	0.5273
		29-Sep-2021	**7.44**	0.034	0.1	0.7440	**219**	0.330	0.00003	0.0066	**---**	---	---	---	**102**	0.240	0.00003	0.0031	**0.5** [#3]	0.061	0.03	0.0150	**17.8**	0.130	0.00003	0.0005	**0.8330**
		12-Oct-2022	**15.2**	0.250	0.1	1.5200	**393**	0.860	0.00003	0.0118	**---**	---	---	---	**177**	0.610	0.00003	0.0053	**0.989**	0.054	0.03	0.0297	**33**	0.210	0.00003	0.0010	**1.6898**
		13-Sep-2023	**5.14**	0.061	0.1	0.5140	**137**	1.800	0.00003	0.0041	**---**	---	---	---	**65.4**	1.200	0.00003	0.0020	**0.373**	0.038	0.03	0.0112	**10.5**	0.600	0.00003	0.0003	0.5738
		14-Aug-2024	**5.3**	0.074	0.1	0.5300	**126**	0.400	0.00003	0.0038	**---**	---	---	---	**53.3**	0.270	0.00003	0.0016	**0.343**	0.095	0.03	0.0103	**8**	0.190	0.00003	0.0002	0.5850
(Replicate A)		24-Sep-2025	**4.28**	0.790	0.1	0.4280	**89.1**	0.370	0.00003	0.0027	**18.6**	0.4	0.00003	0.0006	**47.5**	0.330	0.00003	0.0014	**< 0.5**	0.500	0.03	0.0075	**7.77**	0.210	0.00003	0.0002	0.4743
(Replicate B)		24-Sep-2025	**11.7**	0.970	0.1	1.1700	**228**	0.370	0.00003	0.0068	**47.4**	0.4	0.00003	0.0014	**119**	0.350	0.00003	0.0036	**< 0.46**	0.46	0.03	0.0069	**19.1**	0.240	0.00003	0.0006	**1.2837**
	3+	23-Sep-2006	**<0.1**	0.1	0.1	0.0050	**160**	0.1	0.00003	0.0048	**13**	0.1	0.00003	0.0004	**76**	0.1	0.00003	0.0023	**<0.10**	0.1	0.03	0.0015	**1.9**	---	0.00003	0.0001	0.1157
		11-Aug-2010	**10.5**	1.2	0.1	1.0500	**382**	1.6	0.00003	0.0115	**65.6**	1.6	0.00003	0.0020	**188**	1.4	0.00003	0.0056	**< 1.4**	1.4	0.03	0.0210	**31.2**	1.1	0.00003	0.0009	**1.2386**

Project Number: 217085-56230

Coplanar PCB Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and Hatchery Fish (2006-2025)

Sample Location	Age Class	Sample Date	Congener IUPAC No. - Concentration (pg/g ww)																						Total
			126				156				157				167				169				189				
			Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	PCB TEQ
CCME Tissue Residue 2001			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**0.79**
Chrystina Lake - Continued																											
(Duplicate)		11-Aug-2010	**8.4** [#3]	1.2	0.1	0.8400	**366**	1.4	0.00003	0.0110	**62**	1.5	0.00003	0.0019	**193**	1.3	0.00003	0.0058	**< 1.3**	1.3	0.03	0.0195	**25.1**	1.1	0.00003	0.0008	**1.0168**
		12-Aug-2010	**16.4**	1.6	0.1	1.6400	**502**	1.5	0.00003	0.0151	**96.5**	1.5	0.00003	0.0029	**258**	1.4	0.00003	0.0077	**<1.5**	1.5	0.03	0.0225	**34.4**	1.6	0.00003	0.0010	**1.9183**
		1-Sep-2012	**4.77** [#3]	0.4	0.1	0.4770	**154**	0.4	0.00003	0.0046	**28.5**	0.4	0.00003	0.0009	**75.9**	0.4	0.00003	0.0023	**< 0.40**	0.4	0.03	0.0060	**12.7**	0.3	0.00003	0.0004	0.5497
(Duplicate)		1-Sep-2012	**5.24** [#3]	0.4	0.1	0.5240	**140**	0.4	0.00003	0.0042	**26.0**	0.5	0.00003	0.0008	**75.8**	0.5	0.00003	0.0023	**< 0.40**	0.4	0.03	0.0060	**11.2** [#3]	0.3	0.00003	0.0003	0.5933
		1-Sep-2012	**3.51** [#3]	0.5	0.1	0.3510	**102**	0.5	0.00003	0.0031	**17.8**	0.5	0.00003	0.0005	**51.0**	0.5	0.00003	0.0015	**1.37**	0.5	0.03	0.0411	**9.79**	0.4	0.00003	0.0003	0.4300
(Replicate C)		1-Sep-2013	**6.11**	4.600	0.1	0.6110	**211** [#2]	1.230	0.00003	0.0063	**---**	---	---	---	**93.7**	0.932	0.00003	0.0028	**< 2.38**	2.380	0.03	0.0357	**21.4**	0.139	0.00003	0.0006	0.7133
(Replicate D)		1-Sep-2013	**5.66**	4.600	0.1	0.5660	**245** [#2]	1.230	0.00003	0.0074	**---**	---	---	---	**106**	0.932	0.00003	0.0032	**< 2.19**	2.190	0.03	0.0329	**15.9**	0.139	0.00003	0.0005	0.6885
(Duplicate) [#4]		1-Sep-2013	**7.2** [#3]	4.600	0.1	0.7200	**193**	1.230	0.00003	0.0058	**34.1**	1.2	0.00003	0.0010	**104**	0.932	0.00003	0.0031	**< 5.0**	5.000	0.03	0.0750	**15.0** [#3]	0.139	0.00003	0.0005	**0.8878**
		22-Sep-2014	**14.2**	4.880	0.1	1.4200	**484** [#2]	1.470	0.00003	0.0145	**---**	---	---	---	**209**	1.040	0.00003	0.0063	**< 2.61**	2.610	0.03	0.0392	**28.1**	0.189	0.00003	0.0008	**1.6497**
(Duplicate)		22-Sep-2014	**10.7**	6.500	0.1	1.0700	**438** [#2]	2.420	0.00003	0.0131	**---**	---	---	---	**192**	1.710	0.00003	0.0058	**< 2.63**	2.630	0.03	0.0395	**26.3**	0.326	0.00003	0.0008	**1.2875**
(Replicate A)		22-Sep-2014	**6.48**	1.770	0.1	0.6480	**212** [#2]	0.874	0.00003	0.0064	**---**	---	---	---	**94.5**	0.610	0.00003	0.0028	**< 1.62**	1.620	0.03	0.0243	**16.7**	0.095	0.00003	0.0005	0.7400
(Replicate B)		22-Sep-2014	**6.64**	2.640	0.1	0.6640	**340** [#2]	1.080	0.00003	0.0102	**---**	---	---	---	**142**	0.750	0.00003	0.0043	**< 2.06**	2.060	0.03	0.0309	**20.8**	0.144	0.00003	0.0006	**0.8113**
		23-Sep-2015	**22** [#3]	10.400	0.1	2.2000	**592** [#2]	4.120	0.00003	0.0178	**---**	---	---	---	**259**	3.460	0.00003	0.0078	**< 6.44**	6.440	0.03	0.0966	**27.5**	0.235	0.00003	0.0008	**2.5896**
		31-Aug-2016	**25.9**	1.140	0.1	2.5900	**634**	0.055	0.00003	0.0190	**123**	0.1	0.00003	0.0037	**324**	0.055	0.00003	0.0097	**0.978**	0.055	0.03	0.0293	**42.3**	0.055	0.00003	0.0013	**2.9475**
(Duplicate)		31-Aug-2016	**24.1**	1.310	0.1	2.4100	**611**	0.079	0.00003	0.0183	**120**	0.1	0.00003	0.0036	**309**	0.081	0.00003	0.0093	**0.906** [#3]	0.098	0.03	0.0272	**39.4**	0.056	0.00003	0.0012	**2.7508**
(Replicate A)		31-Aug-2016	**18.9**	0.749	0.1	1.8900	**489**	0.055	0.00003	0.0147	**97.2**	0.1	0.00003	0.0029	**253**	0.055	0.00003	0.0076	**0.894**	0.055	0.03	0.0268	**34.9**	0.055	0.00003	0.0010	**2.1552**
		12-Sep-2017	**8.13**	0.933	0.1	0.8130	**256** [#2]	0.329	0.00003	0.0077	**---**	---	---	---	**109**	0.267	0.00003	0.0033	**< 0.937**	0.937	0.03	0.0141	**17.1**	0.434	0.00003	0.0005	**0.9198**
(Duplicate)		12-Sep-2017	**8.58**	1.230	0.1	0.8580	**273** [#2]	1.300	0.00003	0.0082	**---**	---	---	---	**115**	1.030	0.00003	0.0035	**< 1.07**	1.070	0.03	0.0161	**18.1**	0.416	0.00003	0.0005	**0.9732**
		29-Aug-2018	**10.4**	1.730	0.1	1.0400	**223**	1.160	0.00003	0.0067	**43.7**	1.1	0.00003	0.0013	**121**	1.190	0.00003	0.0036	**0.561**	0.550	0.03	0.0168	**18.2**	0.235	0.00003	0.0005	**1.1473**
(Duplicate)		29-Aug-2018	**7.17**	1.810	0.1	0.7170	**201**	0.139	0.00003	0.0060	**40.2**	0.139	0.00003	0.0012	**109**	0.134	0.00003	0.0033	**0.582**	0.182	0.03	0.0175	**15.5**	0.112	0.00003	0.0005	**0.8142**
(Duplicate)		29-Aug-2018	**7.74**	1.600	0.1	0.7740	**206**	0.064	0.00003	0.0062	**40**	0.062	0.00003	0.0012	**114**	0.063	0.00003	0.0034	**0.466** [#3]	0.078	0.03	0.0140	**16.2**	0.277	0.00003	0.0005	**0.8695**
		5-Sep-2019	**7.46** [#3]	4.080	0.1	0.7460	**244** [#2]	0.631	0.00003	0.0073	**---**	---	---	---	**113**	0.486	0.00003	0.0034	**<1.13**	1.130	0.03	0.0170	**18.9**	0.426	0.00003	0.0006	**0.8488**
(Duplicate)		5-Sep-2019	**8.03** [#3]	4.290	0.1	0.8030	**238** [#2]	0.862	0.00003	0.0071	**---**	---	---	---	**110**	0.659	0.00003	0.0033	**<1.08**	1.080	0.03	0.0162	**18.1**	0.584	0.00003	0.0005	**0.9020**
		29-Sep-2021	**5.75**	0.038	0.1	0.5750	**147**	0.630	0.00003	0.0044	**---**	---	---	---	**69.2**	0.460	0.00003	0.0021	**0.319**	0.069	0.03	0.0096	**10.9**	0.190	0.00003	0.0003	0.6404
(Duplicate)		29-Sep-2021	**14.4**	0.190	0.1	1.4400	**373**	1.400	0.00003	0.0112	**---**	---	---	---	**174**	1.100	0.00003	0.0052	**0.881**	0.071	0.03	0.0264	**27.2**	0.350	0.00003	0.0008	**1.6060**
		12-Oct-2022	**9.3**	0.160	0.1	0.9300	**306**	2.200	0.00003	0.0092	**---**	---	---	---	**137**	1.500	0.00003	0.0041	**0.485**	0.089	0.03	0.0146	**20.1**	0.690	0.00003	0.0006	**1.0594**
		13-Sep-2023	**9.36**	0.038	0.1	0.9360	**242**	1.300	0.00003	0.0073	**---**	---	---	---	**112**	0.900	0.00003	0.0034	**0.667**	0.031	0.03	0.0200	**18.2**	0.250	0.00003	0.0005	**1.0482**
(Lab Duplicate)		13-Sep-2023	**9.1**	0.160	0.1	0.9100	**222**	1.200	0.00003	0.0067	**---**	---	---	---	**102**	0.830	0.00003	0.0031	**0.5** [#3]	0.025	0.03	0.0146	**15.8**	0.420	0.00003	0.0005	**1.0070**
		14-Aug-2024	**7.97**	0.053	0.1	0.7970	**153**	0.480	0.00003	0.0046	**---**	---	---	---	**72.6**	0.360	0.00003	0.0022	**0.43**	0.140	0.03	0.0129	**10.9**	0.230	0.00003	0.0003	**0.8652**
(Duplicate)		14-Aug-2024	**13.1**	0.053	0.1	1.3100	**209**	0.450	0.00003	0.0063	**---**	---	---	---	**99.1**	0.320	0.00003	0.0030	**0.662**	0.035	0.03	0.0199	**13.7**	0.180	0.00003	0.0004	**1.4042**
(Replicate A)		24-Sep-2025	**12.2**	0.800	0.1	1.2200	**209**	0.510	0.00003	0.0063	**43.3**	0.5	0.00003	0.0013	**112**	0.510	0.00003	0.0034	**< 0.68**	0.680	0.03	0.0102	**18.2**	0.300	0.00003	0.0005	**1.3298**
(Duplicate)		24-Sep-2025	**23.7**	1.100	0.1	2.3700	**363**	0.590	0.00003	0.0109	**77.7**	0.6	0.00003	0.0023	**189**	0.570	0.00003	0.0057	**< 0.71**	0.710	0.03	0.0107	**27.9**	0.230	0.00003	0.0008	**2.5607**
(Replicate B)		24-Sep-2025	**5.05**	0.300	0.1	0.5050	**91.8**	0.290	0.00003	0.0028	**19.6**	0.3	0.00003	0.0006	**50.4**	0.280	0.00003	0.0015	**< 0.38**	0.380	0.03	0.0057	**8.79**	0.160	0.00003	0.0003	0.5479
	4+	23-Sep-2006	**25**	0.2	0.1	2.5000	**900**	0.2	0.00003	0.0270	**150**	0.2	0.00003	0.0045	**480**	0.2	0.00003	0.0144	**<0.20**	0.2	0.03	0.0030	**67**	0.1	0.00003	0.0020	**2.9546**
(Duplicate)		23-Sep-2006	**33**	0.2	0.1	3.3000	**880**	0.2	0.00003	0.0264	**170**	0.2	0.00003	0.0051	**450**	0.2	0.00003	0.0135	**<0.30**	0.2	0.03	0.0030	**77**	0.2	0.00003	0.0023	**3.7653**
		1-Sep-2011	**26.7**	3.0	0.1	2.6700	**820**	3.0	0.00003	0.0246	**140**	3.0	0.00003	0.0042	**450**	3.0	0.00003	0.0135	**<3.0**	3.0	0.03	0.0450	**60.6**	2.0	0.00003	0.0018	**3.1645**
		1-Sep-2013	**30.5**	4.600	0.1	3.0500	**906** [#2]	1.230	0.00003	0.0272	**---**	---	---	---	**395**	0.932	0.00003	0.0119	**< 6.29**	6.290	0.03	0.0944	**49.2**	0.139	0.00003	0.0015	**3.5568**
		22-Sep-2014	**43.8**	12.700	0.1	4.3800	**1350** [#2]	3.210	0.00003	0.0405	**---**	---	---	---	**575**	2.320	0.00003	0.0173	**< 6.83**	6.830	0.03	0.1025	**76.2**	0.306	0.00003	0.0023	**5.0282**
		23-Sep-2015	**12** [#3]	4.230	0.1	1.2000	**370** [#2]	2.110	0.00003	0.0111	**---**	---	---	---	**171**	1.720	0.00003	0.0051	**< 4.13**	4.130	0.03	0.0620	**28.1**	0.184	0.00003	0.0008	**1.3958**
(Replicate A)		23-Sep-2015	**18.2** [#3]	5.930	0.1	1.8200	**515** [#2]	4.460	0.00003	0.0155	**---**	---	---	---	**224**	3.700	0.00003	0.0067	**< 5.33**	5.330	0.03	0.0800	**31**	0.246	0.00003	0.0009	**2.0939**
		12-Sep-2017	**14.6**	1.710	0.1	1.4600	**445** [#2]	0.597	0.00003	0.0134	**---**	---	---	---	**191**	0.497	0.00003	0.0057	**< 1.96**	1.960	0.03	0.0294	**30.5**	0.757	0.00003	0.0009	**1.6449**
(Replicate A)		29-Aug-2018	**18.7**	3.280	0.1	1.8700	**437**	0.118	0.00003	0.0131	**89.6**	0.1	0.00003	0.0027	**230**	0.1	0.00003	0.0069	**0.992**	0.148	0.03	0.0298	**25.1**	0.148	0.00003	0.0008	**2.1136**
(Replicate B)		29-Aug-2018	**8.32**	1.710	0.1	0.8320	**337**	0.087	0.00003	0.0101	**63.6**	0.1	0.00003	0.0019	**186**	0.089	0.00003	0.0056	**0.75**	0.116	0.03	0.0225	**28.4**	0.382	0.00003	0.0009	**0.9753**
(Replicate C)		29-Aug-2018	**11.2**	2.190	0.1	1.1200	**284**	0.600	0.00003	0.0085	**53.6**	0.6	0.00003	0.0016	**150**	0.605	0.00003	0.0045	**<0.751**	0.751	0.03	0.0113	**22.1**	0.214	0.00003	0.0007	**1.2394**
		25-Aug-2020	**3.67**	0.902	0.1	0.3670	**101**	0.073	0.00003	0.0030	**20.4**	0.1	0.00003	0.0006	**57**	0.074	0.00003	0.0017	**0.347**	0.094	0.03	0.0104	**9.87**	0.058	0.00003	0.0003	0.4192
		29-Sep-2021	**7.72**	0.029	0.1	0.7720	**218**	0.640	0.00003	0.0065	**---**	---	---	---	**100**	0.470	0.00003	0.0030	**0.476**	0.052	0.03	0.0143	**15.8**	0.160	0.00003	0.0005	**0.8639**
		24-Sep-2025	**< 5.7**	5.700	0.1	0.2850	**126**	0.290	0.00003	0.0038	**21.1**	0.3	0.00003	0.0006	**66.5**	0.300	0.00003	0.0020	**< 0.31**	0.310	0.03	0.0047	**12.5**	0.480	0.00003	0.0004	0.3341
	5+	23-Sep-2006	**15**	0.2	0.1	1.5000	**510**	0.2	0.00003	0.0153	**81**	0.2	0.00003	0.0024	**250**	0.2	0.00003	0.0075	**<0.20**	0.2	0.03	0.0030	**32**	0.1	0.00003	0.0010	**1.7700**
		7-Sep-2007	**14**	1.7	0.1	1.4000	**380**	1.3	0.00003	0.0114	**70**	1.3	0.00003	0.0021	**220**	1.3	0.00003	0.0066	**<1.5**	1.5	0.03	0.0225	**41**	1.0	0.00003	0.0012	**1.5906**
		12-Aug-2010	**6.2**	1.6	0.1	0.6200	**233**	1.6	0.00003	0.0070	**37.9**	1.9	0.00003	0.0011	**132**	1.6	0.00003	0.0040	**<1.5**	1.5	0.03	0.0225	**34.4**	1.6	0.00003	0.0010	**1.1958**
		1-Sep-2013	**63.5**	4.600	0.1	6.3500	**2070** [#2]	1.230	0.00003	0.0621	**---**	---	---	---	**908**	0.932	0.00003	0.0272	**< 15**	15.000	0.03	0.2250	**117**	0.139	0.00003	0.0035	**7.4698**
(Duplicate) [#4]		1-Sep-2013	**78.9**	4.600	0.1	7.8900	**1990**	1.230	0.00003	0.0597	**380**	1.2	0.00003	0.0114	**1000**	0.932	0.00003	0.0300	**< 5.0**	5.000	0.03	0.0750	**131**	0.139	0.00003	0.0039	**9.0959**
		23-Sep-2015	**17.2** [#3]	6.540	0.1	1.7200	**588** [#2]	3.490	0.00003	0.0176	**---**	---	---	---	**271**	2.920	0.00003	0.0081	**< 6.1**	6.100	0.03	0.0915	**40.4**	0.259	0.00003	0.0012	**2.0359**
		31-Aug-2016	**14.4**	1.160	0.1	1.4400	**489**	0.056	0.00003	0.0147	**92.8**	0.1	0.00003	0.0028	**243**	0.056	0.00003	0.0073	**0.65**	0.056	0.03	0.0159	**32.6**	0.056	0.00003	0.0010	**1.6574**
		12-Sep-2017	**67.5**	2.120	0.1	6.7500	**1110**	0.058	0.00003	0.0333	**218**	0.1	0.00003	0.0065	**632**	0.580	0.00003	0.0190	**3.5**	0.060	0.03	0.1050	**93**	0.058	0.00003	0.0028	**7.3720**
(Re-analysis)		12-Sep-2017	**48.6**	1.370	0.1	4.8600	**770**	0.057	0.00003	0.0231	**154**	0.1	0.00003	0.0046	**441**	0.057	0.00003	0.0132	**2.47**	0.063	0.03	0.0741	**61**	0.057	0.00003	0.0018	**5.2980**
		29-Sep-2021	**8.09**	0.032	0.1	0.8090	**225**	1.5	0.00003	0.0068	**---**	---	---	---	**103**	1.100	0.00003	0.0031	**0.631**	0.055	0.03	0.0189	**17.1**	0.520	0.00003	0.0005	**0.9021**
	6+	7-Sep-2007	**14**	2.2	0.1	1.4000	**460**	1.8	0.00003	0.0138	**84**	1.9	0.00003	0.0025	**250**	1.8	0.00003	0.0075	**<2.1**	2.1	0.03	0.0315	**45**	1.4	0.00003	0.0014	**1.6121**
	7+	7-Sep-2007	**5.9**	1.3	0.1	0.5900	**120**	1.0	0.00003	0.0036	**24**	1.1	0.00003	0.0007	**58**	1.0	0.00003	0.0017	**<1.3**	1.3	0.03	0.0195	**10**	0.8	0.00003	0.0003	0.6633
(Duplicate)		7-Sep-2007	**3.6**	1.7	0.1	0.3600	**110**	1.4	0.00003	0.0033	**20**	1.3	0.00003	0.0006	**52**	1.3	0.00003	0.0016	**<1.5**	1.5	0.03	0.0225	**10**	1.1	0.00003	0.0003	0.4299
	11+	7-Sep-2007	**21**	1.6	0.1	2.1000	**460**	1.3	0.00003	0.0138	**89**	1.3	0.00003	0.0027	**220**	1.3	0.00003	0.0066	**<1.4**	1.4	0.03	0.0210	**54**	0.9	0.00003	0.0016	**2.3124**
	12+	7-Sep-2007	**19**	2.1	0.1	1.9000	**600**	2.1	0.00003	0.0180	**110**	1.2	0.00003	0.0033	**320**	2.2	0.00003	0.0096	**<2.5**	2.5	0.03	0.0375	**57**	1.2	0.00003	0.0017	**2.1971**
	Unknown	23-Jul-2008	**2.4**	1.2	0.1	0.2400	**49**	0.6	0.00003	0.0015	**9.2**	0.6	0.00003	0.0003	**27**	0.6	0.00003	0.0008	**<0.8**	0.8	0.03	0.0120	**6.9**	0.5	0.00003	0.0002	0.2770
(Replicate)		23-Jul-2008	**<1.0**	1.0	0.1	0.0500	**17**	0.4	0.00003	0.0005	**4.1**	0.4	0.00003	0.0001	**10**	0.4	0.00003	0.0003	**<0.40**	0.4	0.03	0.0060	**2.6**	0.3	0.00003	0.0001	0.0641
(Replicate A)		23-Jul-2008	**3.2**	1.0	0.1	0.3200	**77**	0.4	0.00003	0.0023	**15**	0.4	0.00003	0.0005	**43**	0.4	0.00003	0.0013	**<0.5**	0.5	0.03	0.0075	**9.9**	0.3	0.00003	0.0003	0.3619
(Replicate B)		23-Jul-2008	**1.7**	0.9	0.1	0.1700	**45**	0.4	0.00003	0.0014	**8.3**	0.4	0.00003	0.0002	**24**	0.5	0.00003	0.0007	**<0.6**	0.6	0.03	0.0090	**5.5**	0.3	0.00003	0.0002	0.2007
(Replicate C)		23-Jul-2008	**1.7**	1.3	0.1	0.1700	**47**	0.6	0.00003	0.0014	**10**	0.6	0.00003	0.0003	**26**	0.6	0.00003	0.0008	**<0.70**	0.7	0.03	0.0105	**6.5**	0.5	0.00003	0.0002	0.2035
		12-Oct-2022	**8.77**	0.1	0.1	0.8770	**227**	3.3	0.00003	0.0068	**---**	---	---	---	**105**	2.3	0.00003	0.0032	**0.413**	0.1	0.03	0.0124	**15.9**	0.6	0.00003	0.0005	**0.9805**
(Replicate A)		13-Sep-2023	**5.63**	0.1	0.1	0.5630	**171**	1.0	0.00003	0.0051	**---**	---	---	---	**79.6**	0.7	0.00003	0.0024	**0.317**	0.1	0.03	0.0095	**13.7**	0.3	0.00003	0.0004	0.6320
(Replicate B)		13-Sep-2023	**5.74**	0.1	0.1	0.5740	**142**	1.3	0.00003	0.0043	**---**	---	---	---	**67.5**	0.9	0.00003	0.0020	**0.38** [#3]	0.0	0.03	0.0114	**11.8**	0.5	0.00003	0.0004	0.6436
(Replicate A)		14-Aug-2024	**6.53**	0.1	0.1	0.6530	**169**	0.5	0.00003	0.0051	**---**	---	---	---	**74.5**	0.3	0.00003	0.0022	**0.558**	0.1	0.03	0.0167	**13.1**	0.2	0.00003	0.0004	0.7221

Project Number: 217085-56230

Coplanar PCB Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and Hatchery Fish (2006-2025)

Sample Location	Age Class	Sample Date	Congener IUPAC No. - Concentration (pg/g ww)																						Total
			126				156				157				167				169				189				
			Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	PCB TEQ
CCME Tissue Residue 2001			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.79
Chrystina Lake - Continued																											
(Replicate B)		14-Aug-2024	**14.3**	0.1	0.1	1.4300	**280**	0.5	0.00003	0.0084	---	---	---	---	**121**	0.4	0.00003	0.0036	**0.586**	0.1	0.03	0.0176	**14.5**	0.2	0.00003	0.0004	**1.5555**
(Replicate C)		14-Aug-2024	**4.9**	0.1	0.1	0.4900	**126**	0.4	0.00003	0.0038	---	---	---	---	**57.5**	0.3	0.00003	0.0017	**0.289**	0.1	0.03	0.0087	**8.94**	0.1	0.00003	0.0003	0.5424
		24-Sep-2025	**10**	0.6	0.1	1.0000	**186**	0.4	0.00003	0.0056	**44.7**	0.5	0.00003	0.0013	**103**	0.4	0.00003	0.0031	**< 1.0**	1.0	0.03	0.0150	**15.7**	0.2	0.00003	0.0005	**1.1076**
White Sucker	**1+**	1-Feb-2011	**9.3**	2.0	0.1	0.9300	**248**	2.0	0.00003	0.0074	**50.4**	2.0	0.00003	0.0015	**133**	4.0	0.00003	0.0040	**< 2.0**	2.0	0.03	0.0300	**21.6**	2.0	0.00003	0.0006	**1.0606**
		22-Sep-2014	**0.789**	0.547	0.1	0.0789	**29.1** [#2]	0.504	0.00003	0.0009	---	---	---	---	**13.6**	0.371	0.00003	0.0004	**< 0.401**	0.401	0.03	0.0060	**2.1**	0.0653	0.00003	0.0001	0.0945
	2+	1-Feb-2011	**< 1.0**	1.0	0.1	0.0500	**28.3**	1.0	0.00003	0.0008	**3.7**	1.0	0.00003	0.0001	**15.0**	2.0	0.00003	0.0005	**< 1.0**	1.0	0.03	0.0150	**4.8**	1.0	0.00003	0.0001	0.0726
		22-Sep-2014	**1.35**	0.824	0.1	0.1350	**54.7** [#2]	0.195	0.00003	0.0016	---	---	---	---	**25.3**	0.136	0.00003	0.0008	**< 0.534**	0.534	0.03	0.0080	**4.82**	0.0574	0.00003	0.0001	0.1579
	3+	1-Feb-2011	**< 2.0**	2.0	0.1	0.1000	**23.5** [#3]	5.0	0.00003	0.0007	**< 5.0**	5.0	0.00003	0.0001	**< 8.0**	8.0	0.00003	0.0001	**< 2.0**	2.0	0.03	0.0300	**< 4.0**	4.0	0.00003	0.0001	0.1416
	6+	7-Sep-2007	**<1.0**	1.0	0.1	0.0500	**33**	0.7	0.00003	0.0010	**5.2**	0.8	0.00003	0.0002	**17**	0.8	0.00003	0.0005	**<0.9**	0.9	0.03	0.0135	**4.3**	0.6	0.00003	0.0001	0.0726
	7+	7-Sep-2007	**<1.4**	1.4	0.1	0.0700	**48**	1.2	0.00003	0.0014	**6.8**	1.2	0.00003	0.0002	**29**	1.2	0.00003	0.0009	**<1.4**	1.4	0.03	0.0210	**6.9**	1.0	0.00003	0.0002	0.1032
	8+	7-Sep-2007	**<1**	1.0	0.1	0.0500	**38**	0.9	0.00003	0.0011	**<0.9**	0.9	0.00003	0.00001	**21**	0.9	0.00003	0.0006	**<1.1**	1.0	0.03	0.0150	**4.1**	0.8	0.00003	0.0001	0.0741
		11-Aug-2009	**<11.3**	11.3	0.1	0.5650	**45.5**	8.6	0.00003	0.0014	**<11.8**	11.8	0.00003	0.0002	**31**	11.9	0.00003	0.0009	**<11.8**	11.8	0.03	0.1770	**<9**	9.0	0.00003	0.0001	0.7612
	9+	7-Sep-2007	**<1.1**	1.1	0.1	0.0550	**67**	0.9	0.00003	0.0020	**9.4**	0.9	0.00003	0.0003	**39**	0.9	0.00003	0.0012	**<1.1**	1.1	0.03	0.0165	**7.5**	0.8	0.00003	0.0002	0.0895
	10+	11-Aug-2009	**<9.3**	9.3	0.1	0.4650	**36.6**	7.7	0.00003	0.0011	**<9.6**	9.6	0.00003	0.0001	**25.3**	9.6	0.00003	0.0008	**<8.2**	8.2	0.03	0.1230	**<5.8**	5.8	0.00003	0.0001	0.6006
Brook Trout (Muscle only)	**3+**	1-Feb-2012	**6.6** [#3]	2.0	0.1	0.6600	**179**	4.0	0.00003	0.0054	**35.3**	4.0	0.00003	0.0011	**81.7**	6.0	0.00003	0.0025	**< 2.0**	2.0	0.03	0.0300	**9.2** [#3]	3.0	0.00003	0.0003	0.7761
Brook Trout (Skin Only)	**3+**	1-Feb-2012	**11.9**	2.0	0.1	1.1900	**381**	3.0	0.00003	0.0114	**67.4**	3.0	0.00003	0.0020	**180**	4.0	0.00003	0.0054	**< 2.0**	2.0	0.03	0.0300	**30.3**	3.0	0.00003	0.0009	**1.4096**
	2+	1-Sep-2012	**< 3.0**	3.0	0.1	0.1500	**53.0**	2.0	0.00003	0.0016	**7.7**	2.0	0.00003	0.0002	**31.9**	2.0	0.00003	0.0010	**< 2.0**	2.0	0.03	0.0300	**11.3**	2.0	0.00003	0.0003	0.1943
	3+	1-Sep-2012	**< 1.0**	1.0	0.1	0.0500	**9.7** [#3]	1.0	0.00003	0.0003	**< 1.0**	1.0	0.00003	0.00002	**6.1**	1.0	0.00003	0.0002	**< 1.0**	1.0	0.03	0.0150	**< 0.80**	0.8	0.00003	0.00001	0.0696
		1-Sep-2012	**< 2.0**	2.0	0.1	0.1000	**65.0**	2.0	0.00003	0.0020	**13.5** [#3]	2.0	0.00003	0.0004	**32.6**	2.0	0.00003	0.0010	**< 2.0**	2.0	0.03	0.0300	**< 2.0**	2.0	0.00003	0.00003	0.1515
Forage Fish	**---**	4-Nov-2014	**4.35**	2.260	0.1	0.4350	**177** [#2]	1.280	0.00003	0.0053	---	---	---	---	**74.7**	1.300	0.00003	0.0022	**<0.861**	0.861	0.03	0.0129	**13.4**	0.091	0.00003	0.0004	0.5014
Aquatic Invertebrates	**---**	22-Aug-2014	**32.4**	16.200	0.1	3.2400	**638** [#2]	4.140	0.00003	0.0191	---	---	---	---	**268**	3.140	0.00003	0.0080	**<4.25**	4.25	0.03	0.0638	**45.3**	0.295	0.00003	0.0014	**3.5293**
Edith Lake																											
Brook Trout	**1+**	11-Aug-2009	**<1.7**	1.7	0.1	0.0850	**10.9**	2.6	0.00003	0.0003	**3.6**	2.4	0.00003	0.0001	**4.5**	2.4	0.00003	0.0001	**<2.6**	2.6	0.03	0.0390	**<1.7**	1.7	0.00003	0.00003	0.1304
		1-Sep-2011	**<3.0**	3.0	0.1	0.1500	**38**	3.0	0.00003	0.0011	**11.1**	4.0	0.00003	0.0003	**18.2** [#3]	3.0	0.00003	0.0005	**<3**	3.0	0.03	0.0450	**<8**	8.0	0.00003	0.00002	0.2089
(Duplicate)		1-Sep-2011	**<1.0**	1.0	0.1	0.0500	**15.7** [#3]	1.0	0.00003	0.0005	**4.8** [#3]	1.0	0.00003	0.0001	**11.4** [#3]	1.0	0.00003	0.0003	**<1.0**	1.0	0.03	0.0150	**<1.0**	1.0	0.00003	0.0002	0.0743
		1-Sep-2012	**< 0.80**	0.8	0.1	0.0400	**52.3**	0.8	0.00003	0.0016	**12.5**	0.8	0.00003	0.0004	**26.6**	0.7	0.00003	0.0008	**< 0.70**	0.70	0.03	0.0105	**6.39** [#3]	0.5	0.00003	0.0002	0.0750
		22-Sep-2015	**3.53** [#3]	1.300	0.1	0.3530	**86.9** [#2]	1.380	0.00003	0.0026	---	---	---	---	**41.8**	1.120	0.00003	0.0013	**< 1.49**	1.490	0.03	0.0224	**6.78**	0.2	0.00003	0.0002	0.4173
		30-Aug-2016	**0.857**	0.221	0.1	0.0857	**33.7**	0.055	0.00003	0.0010	**9.4**	0.1	0.00003	0.0003	**22.7**	0.055	0.00003	0.0007	**0.236**	0.055	0.03	0.0071	**5.23**	0.1	0.00003	0.0002	0.1065
		13-Sep-2017	**1.23**	0.443	0.1	0.1230	**53.5**	0.567	0.00003	0.0016	---	---	---	---	**27**	0.477	0.00003	0.0008	**< 0.493**	0.493	0.03	0.0074	**5.89**	0.2	0.00003	0.0002	0.1487
		30-Aug-2018	**0.866**	0.218	0.1	0.0866	**26.6**	0.055	0.00003	0.0008	**7.33**	0.055	0.00003	0.0002	**17.7**	0.055	0.00003	0.0005	**0.236**	0.055	0.03	0.0071	**3.43**	0.3	0.00003	0.0001	0.1045
(Replicate A)		6-Sep-2019	**1.03** [#3]	0.613	0.1	0.1030	**36.9** [#2]	0.661	0.00003	0.0011	---	---	---	---	**18.4**	0.510	0.00003	0.0006	**<0.571**	0.571	0.03	0.0086	**3.66**	0.2	0.00003	0.0001	0.1257
(Replicate B)		6-Sep-2019	**1.12** [#3]	0.535	0.1	0.1120	**44.1** [#2]	0.772	0.00003	0.0013	---	---	---	---	**22**	0.577	0.00003	0.0007	**<0.631**	0.631	0.03	0.0095	**4.97**	0.3	0.00003	0.0001	0.1379
		26-Aug-2020	**0.877**	0.219	0.1	0.0877	**23.2**	0.058	0.00003	0.0007	**7.23**	0.1	0.00003	0.0002	**15.5**	0.058	0.00003	0.0005	**0.16**	0.058	0.03	0.0048	**3.33**	0.1	0.00003	0.0001	0.1036
		30-Sep-2021	**0.43**	0.036	0.1	0.0430	**10.3**	0.260	0.00003	0.0003	---	---	---	---	**5.3**	0.180	0.00003	0.0002	**0.133**	0.096	0.03	0.0040	**0.91** [#3]	0.1	0.00003	0.0000	0.0512
		13-Oct-2022	**0.659**	0.024	0.1	0.0659	**10.5**	1.1	0.00003	0.0003	---	---	---	---	**6.34**	0.840	0.00003	0.0002	**0.168**	0.031	0.03	0.0050	**1.86**	0.360	0.00003	0.0001	0.0749
		14-Sep-2023	**0.506**	0.038	0.1	0.0506	**11.7**	0.7	0.00003	0.0004	---	---	---	---	**6.67**	0.530	0.00003	0.0002	**0.17** [#3]	0.025	0.03	0.0051	**1.23**	0.370	0.00003	0.0000	0.0602
		15-Aug-2024	**0.739**	0.053	0.1	0.0739	**18.1**	0.170	0.00003	0.0005	---	---	---	---	**8.71**	0.120	0.00003	0.0003	**0.191**	0.049	0.03	0.0057	**1.4** [#3]	0.110	0.00003	0.0000	0.0869
	2+	11-Aug-2009	**<2.2**	2.2	0.1	0.1100	**12.1**	2.8	0.00003	0.0004	**4.2**	2.8	0.00003	0.0001	**8.7**	2.8	0.00003	0.0003	**<3.0**	3.0	0.03	0.0450	**<2.1**	2.1	0.00003	0.00003	0.1614
		11-Aug-2010	**4.7**	1.0	0.1	0.4700	**152**	1.5	0.00003	0.0046	**31.1**	1.5	0.00003	0.0009	**82.4**	1.5	0.00003	0.0025	**< 1.3**	1.3	0.03	0.0195	**12.5**	1.0	0.00003	0.0004	0.5721
		1-Sep-2011	**5.7** [#3]	5.7	0.1	0.5700	**140**	2.0	0.00003	0.0042	**27.9**	2.0	0.00003	0.0008	**68.9**	2.9	0.00003	0.0021	**< 2.0**	2.0	0.03	0.0300	**12.5** [#3]	1.0	0.00003	0.0004	0.6894
		1-Sep-2012	**6.66**	0.9	0.1	0.6660	**134**	0.7	0.00003	0.0040	**28.4**	0.8	0.00003	0.0009	**74.2**	0.7	0.00003	0.0022	**< 0.70**	0.7	0.03	0.0105	**8.76**	0.5	0.00003	0.0003	0.7608
		1-Sep-2013	**12.8**	4.6	0.1	1.2800	**319** [#2]	1.230	0.00003	0.0096	---	---	---	---	**144**	0.932	0.00003	0.0043	**< 2.28**	2.280	0.03	0.0342	**15**	0.139	0.00003	0.0005	**1.4731**
		21-Sep-2014	**4.87**	1.770	0.1	0.4870	**180** [#2]	0.762	0.00003	0.0054	---	---	---	---	**81.9**	0.543	0.00003	0.0025	**< 0.964**	0.964	0.03	0.0145	**7.45**	0.110	0.00003	0.0002	0.5693
(Replicate A)		21-Sep-2014	**4.02**	1.400	0.1	0.4020	**149** [#2]	0.839	0.00003	0.0045	---	---	---	---	**61**	0.577	0.00003	0.0018	**< 0.971**	0.971	0.03	0.0146	**5.87**	0.086	0.00003	0.0002	0.4710
(Replicate B)		21-Sep-2014	**0.989**	0.298	0.1	0.0989	**26.4** [#2]	0.176	0.00003	0.0008	---	---	---	---	**13.1**	0.123	0.00003	0.0004	**< 0.379**	0.379	0.03	0.0057	**1.62**	0.058	0.00003	0.0000	0.1139
		22-Sep-2015	**0.541** [#3]	0.358	0.1	0.0541	**12.4** [#2]	0.420	0.00003	0.0004	---	---	---	---	**6.56**	0.350	0.00003	0.0002	**< 0.367**	0.367	0.03	0.0055	**1.36**	0.109	0.00003	0.0000	0.0649
		30-Aug-2016	**5.4**	0.337	0.1	0.5400	**127**	0.056	0.00003	0.0038	**25.6**	0.1	0.00003	0.0008	**68.7**	0.056	0.00003	0.0021	**0.263** [#3]	0.056	0.03	0.0079	**10.4**	0.056	0.00003	0.0003	0.6169
		13-Sep-2017	**0.488** [#3]	0.345	0.1	0.0488	**32.7** [#2]	0.390	0.00003	0.0010	---	---	---	---	**17.2**	0.345	0.00003	0.0005	**< 0.347**	0.347	0.03	0.0052	**3.5**	0.216	0.00003	0.0001	0.0647
		30-Aug-2018	**1.08**	0.205	0.1	0.1080	**24.5**	0.055	0.00003	0.0007	**6.84**	0.055	0.00003	0.0002	**16.5**	0.055	0.00003	0.0005	**0.264** [#3]	0.055	0.03	0.0079	**2.79**	0.113	0.00003	0.0001	0.1271
(Replicate A)		6-Sep-2019	**0.418** [#3]	0.399	0.1	0.0418	**18.6** [#2]	0.387	0.00003	0.0006	---	---	---	---	**9.79**	0.282	0.00003	0.0003	**<0.299**	0.299	0.03	0.0045	**2.33**	0.120	0.00003	0.0001	0.0526
(Replicate B)		6-Sep-2019	**0.719** [#3]	0.157	0.1	0.0719	**26.9** [#2]	0.934	0.00003	0.0008	---	---	---	---	**13.6**	0.723	0.00003	0.0004	**<0.882**	0.882	0.03	0.0132	**2.71**	0.147	0.00003	0.0001	0.0958
		26-Aug-2020	**1.17**	0.230	0.1	0.1170	**30.5**	0.064	0.00003	0.0009	**8.87**	0.1	0.00003	0.0003	**20.2**	0.063	0.00003	0.0006	**0.300**	0.082	0.03	0.0090	**4.76**	0.058	0.00003	0.0001	0.1403
		30-Sep-2021	**0.726**	0.039	0.1	0.0726	**12.9**	0.240	0.00003	0.0004	---	---	---	---	**7.6**	0.170	0.00003	0.0002	**0.166**	0.053	0.03	0.0050	**1.03**	0.050	0.00003	0.0000	0.0839
		13-Oct-2022	**13**	0.069	0.1	1.3000	**99.5**	0.500	0.00003	0.0030	---	---	---	---	**58.6**	0.370	0.00003	0.0018	**0.884**	0.058	0.03	0.0265	**6.63**	0.120	0.00003	0.0002	**1.3863**
		14-Sep-2023	**1.8**	0.029	0.1	0.1800	**34.4**	0.490	0.00003	0.0010	---	---	---	---	**20.1**	0.350	0.00003	0.0006	**0.175**	0.015	0.03	0.0053	**3.7** [#3]	0.180	0.00003	0.0001	0.2010
		15-Aug-2024	**5.74**	0.044	0.1	0.5740	**42**	0.300	0.00003	0.0013	---	---	---	---	**27.2**	0.210	0.00003	0.0008	**0.443**	0.036	0.03	0.0133	**4.04**	0.150	0.00003	0.0001	0.6110
	3+	11-Aug-2010	**9**	1.0	0.1	0.9000	**147**	1.4	0.00003	0.0044	**32.5**	1.4	0.00003	0.0010	**86.8**	1.4	0.00003	0.0026	**< 1.2**	1.2	0.03	0.0180	**9.05**	0.9	0.00003	0.0003	**1.0192**
		1-Sep-2011	**12.6**	4.0	0.1	1.2600	**137**	3.0	0.00003	0.0041	**32.3**	4.0	0.00003	0.0010	**63.8** [#3]	3.0	0.00003	0.0019	**< 4.0**	4.0	0.03	0.0600	**7.9** [#3]	2.0	0.00003	0.0002	**1.4066**
		1-Sep-2012	**7.9** [#3]	1.0	0.1	0.7900	**177**	0.8	0.00003	0.0053	**35.0**	0.9	0.00003	0.0011	**93.1**	0.8	0.00003	0.0028	**< 0.80**	0.8	0.03	0.0120	**11.1**	0.6	0.00003	0.0003	**0.9072**
		1-Sep-2013	**16.1**	4.600	0.1	1.6100	**375** [#2]	1.230	0.00003	0.0113	---	---	---	---	**181**	0.932	0.00003	0.0054	**< 2.46**	2.460	0.03	0.0369	**20.2**	0.139	0.00003	0.0006	**1.8402**
(Duplicate)		1-Sep-2013	**13.4**	4.600	0.1	1.3400	**334** [#2]	1.230	0.00003	0.0100	---	---	---	---	**161**	0.932	0.00003	0.0048	**< 2.62**	2.620	0.03	0.0393	**18.3**	0.139	0.00003	0.0005	**1.5491**
(Duplicate) [#4]		1-Sep-2013	**23.3**	4.600	0.1	2.3300	**374**	1.230	0.00003	0.0112	**90.8**	1.2	0.00003	0.0027	**218**	0.932	0.00003	0.0065	**< 3.0**	3.000	0.03	0.0450	**27.5**	0.139	0.00003	0.0008	**2.6448**
(Replicate B)		1-Sep-2013	**31.2**	4.600	0.1	3.1200	**340** [#2]	1.230	0.00003	0.0102	---	---	---	---	**173**	0.932	0.00003	0.0052	**< 3.12**	3.120	0.03	0.0468	**20.6**	0.139	0.00003	0.0006	**3.3406**
		21-Sep-2014	**11.3**	4.180	0.1	1.1300	**261** [#2]	1.270	0.00003	0.0078	---	---	---	---	**120**	0.885	0.00003	0.0036	**< 1.83**	1.830	0.03	0.0275	**11.6**	0.112	0.00003	0.0003	**1.2855**
(Replicate A)		21-Sep-2014	**5.63**	2.100	0.1	0.5630	**159** [#2]	0.478	0.00003	0.0048	---	---	---	---	**62.3**	0.328	0.00003	0.0019	**< 1.07**	1.070	0.03	0.0161	**8.3**	0.096	0.00003	0.0002	0.6491
(Replicate B)		21-Sep-2014	**5.71**	3.600	0.1	0.5710	**179** [#2]	0.733	0.00003	0.0054	---	---	---	---	**87.9**	0.519	0.00003	0.0026	**< 1.36**	1.360	0.03	0.0204	**10.2**	0.124	0.00003	0.0003	0.6699
		22-Sep-2015	**5.03** [#3]	2.030	0.1	0.5030	**135** [#2]	2.540	0.00003	0.0041	---	---	---	---	**59.6**	2.160	0.00003	0.0018	**< 2.48**	2.480	0.03	0.0372	**6.52**	0.102	0.00003	0.0002	0.6131
(Duplicate)		22-Sep-2015	**5.71** [#3]	2.840	0.1	0.5710	**130** [#2]	1.530	0.00003	0.0039	---	---	---	---	**58.6**	1.320	0.00003	0.0018	**< 2.16**	2.160	0.03	0.0324	**6.62**	0.155	0.00003	0.0002	0.6730

Project Number: 217085-56230

Coplanar PCB Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and Hatchery Fish (2006-2025)

Sample Location	Age Class	Sample Date	Congener IUPAC No. - Concentration (pg/g ww)																						Total
			126				156				157				167				169				189				
			Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	PCB TEQ
CCME Tissue Residue 2001			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.79
Edith Lake - Continued																											
		30-Aug-2016	**7.37**	0.271	0.1	0.7370	**144**	0.058	0.00003	0.0043	**29.8**	0.1	0.00003	0.0009	**74**	0.058	0.00003	0.0022	**0.446**	0.058	0.03	0.0134	**9.25**	0.058	0.00003	0.0003	**0.8345**
		13-Sep-2017	**3.02**	0.695	0.1	0.3020	**79.4** [#2]	0.305	0.00003	0.0024	---	---	---	---	**35.7**	0.247	0.00003	0.0011	**< 0.509**	0.509	0.03	0.0076	**4.87**	0.223	0.00003	0.0001	0.3472
(Duplicate)		13-Sep-2017	**2.96**	0.562	0.1	0.2960	**71.4** [#2]	0.362	0.00003	0.0021	---	---	---	---	**33.7**	0.294	0.00003	0.0010	**< 0.519**	0.519	0.03	0.0078	**4.97**	0.218	0.00003	0.0001	0.3374
		30-Aug-2018	**2**	0.221	0.1	0.2000	**27.6**	0.057	0.00003	0.0008	**6.79**	0.057	0.00003	0.0002	**17.4**	0.057	0.00003	0.0005	**0.382**	0.057	0.03	0.0115	**3.04**	0.162	0.00003	0.0001	0.2226
		6-Sep-2019	**1.53** [#3]	0.919	0.1	0.1530	**42.6** [#2]	0.313	0.00003	0.0013	---	---	---	---	**21.2**	0.268	0.00003	0.0006	**<0.929**	0.929	0.03	0.0139	**3.83**	0.087	0.00003	0.0001	0.1807
(Duplicate)		6-Sep-2019	**2.05** [#3]	0.689	0.1	0.2050	**46.9** [#2]	0.550	0.00003	0.0014	---	---	---	---	**22.5**	0.419	0.00003	0.0007	**<0.477**	0.477	0.03	0.0072	**4.19**	0.095	0.00003	0.0001	0.2281
		26-Aug-2020	**1.3**	0.267	0.1	0.1300	**23.8**	0.057	0.00003	0.0007	**6.05**	0.1	0.00003	0.0002	**15.2**	0.057	0.00003	0.0005	**0.272**	0.057	0.03	0.0082	**3.03**	0.057	0.00003	0.0001	0.1506
(Duplicate)		26-Aug-2020	**0.983**	0.281	0.1	0.0983	**26**	0.074	0.00003	0.0008	**7.49**	0.1	0.00003	0.0002	**17.1**	0.070	0.00003	0.0005	**0.239** [#3]	0.095	0.03	0.0072	**4.16**	0.058	0.00003	0.0001	0.1177
		30-Sep-2021	**1.26**	0.098	0.1	0.1260	**23**	0.540	0.00003	0.0007	---	---	---	---	**12.0** [#3]	0.400	0.00003	0.0004	**0.27** [#3]	0.110	0.03	0.0081	**1.76**	0.210	0.00003	0.0001	0.1447
		13-Oct-2022	**1.72**	0.066	0.1	0.1720	**28.1**	0.380	0.00003	0.0008	---	---	---	---	**15.3**	0.280	0.00003	0.0005	**0.25**	0.044	0.03	0.0075	**2.22**	0.110	0.00003	0.0001	0.1926
		14-Sep-2023	**2.98**	0.034	0.1	0.2980	**42.5**	1.300	0.00003	0.0013	---	---	---	---	**22.7**	0.950	0.00003	0.0007	**0.44** [#3]	0.031	0.03	0.0132	**4** [#3]	0.490	0.00003	0.0001	0.3330
(Duplicate)		14-Sep-2023	**3.62**	0.030	0.1	0.3620	**46.5**	1.200	0.00003	0.0014	---	---	---	---	**25.8**	0.910	0.00003	0.0008	**0.51** [#3]	0.017	0.03	0.0153	**4.8**	0.360	0.00003	0.0001	0.4004
		15-Aug-2024	**2.3**	0.058	0.1	0.2300	**23.2**	0.460	0.00003	0.0007	---	---	---	---	**13.9**	0.330	0.00003	0.0004	**0.337**	0.041	0.03	0.0101	**2.74**	0.180	0.00003	0.0001	0.2542
	4+	23-Sep-2006	**17**	0.2	0.1	1.7000	**500**	0.2	0.00003	0.0150	**71**	0.2	0.00003	0.0021	**250**	0.2	0.00003	0.0075	**<0.20**	0.2	0.03	0.0030	**32**	0.2	0.00003	0.0010	**1.9881**
		1-Sep-2011	**14**	3.0	0.1	1.4000	**330**	2.0	0.00003	0.0099	**71.5** [#3]	2.0	0.00003	0.0021	**202**	3.0	0.00003	0.0061	**<2.0**	2.0	0.03	0.0300	**21**	1.0	0.00003	0.0006	**1.6623**
		1-Sep-2013	**16.4**	0.182	0.1	1.6400	**470** [#2]	0.207	0.00003	0.0141	---	---	---	---	**202**	0.152	0.00003	0.0061	**<3.1**	3.100	0.03	0.0465	**22.2**	0.210	0.00003	0.0007	**1.9140**
		21-Sep-2014	**15**	4.370	0.1	1.5000	**314** [#2]	1.520	0.00003	0.0094	---	---	---	---	**154**	1.110	0.00003	0.0046	**< 2.4**	2.400	0.03	0.0360	**17**	0.116	0.00003	0.0005	**1.7028**
		22-Sep-2015	**6.82** [#3]	0.401	0.1	0.6820	**174** [#2]	1.830	0.00003	0.0052	---	---	---	---	**76.1**	1.590	0.00003	0.0023	**< 2.29**	2.290	0.03	0.0344	**10.9**	0.140	0.00003	0.0003	**0.8118**
(Replicate A)		22-Sep-2015	**14.7** [#3]	7.390	0.1	1.4700	**292** [#2]	2.750	0.00003	0.0088	---	---	---	---	**132**	2.300	0.00003	0.0040	**< 4.76**	4.760	0.03	0.0714	**13.8**	0.152	0.00003	0.0004	**1.6982**
		30-Aug-2016	**7.13**	0.322	0.1	0.7130	**138**	0.057	0.00003	0.0041	**29.6**	0.1	0.00003	0.0009	**75.1**	0.057	0.00003	0.0023	**0.531** [#3]	0.057	0.03	0.0159	**9.1**	0.057	0.00003	0.0003	**0.8150**
		13-Sep-2017	**3.49**	0.593	0.1	0.3490	**86** [#2]	0.324	0.00003	0.0026	---	---	---	---	**36.1**	0.271	0.00003	0.0011	**< 0.573**	0.573	0.03	0.0086	**4.43**	0.181	0.00003	0.0001	0.4018
		30-Aug-2018	**2.48**	0.414	0.1	0.2480	**46.1**	0.056	0.00003	0.0014	**10.2**	0.056	0.00003	0.0003	**27**	0.056	0.00003	0.0008	**0.318** [#3]	0.056	0.03	0.0095	**3.18**	0.099	0.00003	0.0001	0.2828
		26-Aug-2020	**1.41**	0.207	0.1	0.1410	**20.9**	0.058	0.00003	0.0006	**5.81**	0.058	0.00003	0.0002	**14**	0.058	0.00003	0.0004	**0.283**	0.058	0.03	0.0085	**2.31**	0.058	0.00003	0.0001	0.1613
		14-Sep-2023	**2.09**	0.029	0.1	0.2090	**34.4**	0.830	0.00003	0.0010	---	---	---	---	**18.4**	0.610	0.00003	0.0006	**0.342**	0.027	0.03	0.0103	**2.93**	0.320	0.00003	0.0001	0.2359
		15-Aug-2024	**1.95**	0.110	0.1	0.1950	**18.3**	0.250	0.00003	0.0005	---	---	---	---	**10.8**	0.180	0.00003	0.0003	**0.415**	0.039	0.03	0.0125	**1.2** [#3]	0.130	0.00003	0.0000	0.2187
	5+	23-Sep-2006	**3.8**	0.2	0.1	0.3800	**130**	0.1	0.00003	0.0039	**16**	0.1	0.00003	0.0005	**63**	0.1	0.00003	0.0019	**<0.10**	0.1	0.03	0.0015	**7.5**	0.100	0.00003	0.0002	0.4594
		1-Sep-2011	**7.3** [#3]	2.0	0.1	0.7300	**171**	2.0	0.00003	0.0051	**38.8**	2.0	0.00003	0.0012	**98.7**	2.0	0.00003	0.0030	**<2.0**	2.0	0.03	0.0300	**11.8**	1.000	0.00003	0.0004	**0.8756**
		1-Sep-2013	**12.4**	2.000	0.1	1.2400	**225** [#2]	2.0	0.00003	0.0068	---	---	---	---	**106**	2.000	0.00003	0.0032	**<2.98**	2.980	0.03	0.0300	**11.8**	1.000	0.00003	0.0004	**1.4040**
		21-Sep-2014	**8.56**	5.740	0.1	0.8560	**274** [#2]	1.410	0.00003	0.0082	---	---	---	---	**119**	1.040	0.00003	0.0036	**< 1.67**	1.670	0.03	0.0251	**13.4**	0.136	0.00003	0.0004	**1.0036**
		30-Aug-2016	**35.7**	1.340	0.1	3.5700	**536**	0.057	0.00003	0.0161	**121**	0.1	0.00003	0.00363	**323**	0.057	0.00003	0.0097	**1.94**	0.057	0.03	0.0582	**42.4**	0.057	0.00003	0.0013	**3.9303**
		30-Sep-2021	**2.05**	0.120	0.1	0.2050	**32.6**	0.360	0.00003	0.0010	---	---	---	---	**19.4**	0.250	0.00003	0.0006	**0.612**	0.084	0.03	0.0184	**3.14**	0.092	0.00003	0.0001	0.2383
		15-Aug-2024	**5.76**	0.058	0.1	0.5760	**71.3**	0.350	0.00003	0.0021	---	---	---	---	**37**	0.240	0.00003	0.0011	**0.824**	0.041	0.03	0.0247	**5**	0.150	0.00003	0.0002	0.6384
	6+	14-Sep-2023	**2.94**	0.038	0.1	0.2940	**37.8**	0.620	0.00003	0.0011	---	---	---	---	**22.6**	0.450	0.00003	0.0007	**0.692**	0.018	0.03	0.0208	**3.22**	0.230	0.00003	0.0001	0.3347
	11+	7-Sep-2007	**<1.3**	1.3	0.1	0.0650	**86**	1.1	0.00003	0.0026	**16**	1.0	0.00003	0.0005	**47**	1.1	0.00003	0.0014	**<1.2**	1.2	0.03	0.0180	**6.6**	0.9	0.00003	0.0002	0.1413
	12+	7-Sep-2007	**4**	1.3	0.1	0.4000	**68**	1.0	0.00003	0.0020	**12**	1.0	0.00003	0.0004	**37**	1.0	0.00003	0.0011	**<1.2**	1.2	0.03	0.0180	**5.9**	0.8	0.00003	0.0002	0.4582
	Unknown	24-Jul-2008	**<0.9**	0.9	0.1	0.0450	**27**	0.4	0.00003	0.0008	**8.3**	0.4	0.00003	0.0002	**12**	0.4	0.00003	0.0004	**<0.4**	0.4	0.03	0.0060	**2.3**	0.3	0.00003	0.0001	0.0734
(Replicate A)		25-Jul-2008	**<0.9**	0.9	0.1	0.0450	**14**	0.4	0.00003	0.0004	**3.7**	0.4	0.00003	0.0001	**9**	0.4	0.00003	0.0003	**<0.4**	0.4	0.03	0.0060	**2.3**	0.3	0.00003	0.0001	0.0584
(Replicate B)		26-Jul-2008	**1**	0.9	0.1	0.1000	**17**	0.4	0.00003	0.0005	**4.3**	0.4	0.00003	0.0001	**11**	0.4	0.00003	0.0003	**<0.4**	0.4	0.03	0.0060	**2.4**	0.3	0.00003	0.0001	0.1177
(Replicate C)		27-Jul-2008	**<0.8**	0.8	0.1	0.0400	**12**	0.3	0.00003	0.0004	**3.4**	0.3	0.00003	0.0001	**7.6**	0.3	0.00003	0.0002	**<0.4**	0.4	0.03	0.0060	**1.8**	0.2	0.00003	0.0001	0.0526
Brook Trout (Stomach)	**1+**	1-Sep-2012	**< 3.0**	3.0	0.1	0.1500	**12.4**	2.0	0.00003	0.0004	**< 2.0**	2.0	0.00003	0.00003	**< 2.0**	2.0	0.00003	0.00003	**< 2.0**	2.0	0.03	0.0300	**< 1.0**	1.0	0.00003	0.00002	0.1851
	2+	1-Sep-2012	**< 0.30**	0.3	0.1	0.0150	**1.78** [#3]	0.2	0.00003	0.0001	**0.70**	0.2	0.00003	0.0000	**1.12** [#3]	0.2	0.00003	0.0000	**< 0.20**	0.2	0.03	0.0030	**< 0.10**	0.1	0.00003	0.000002	0.0192
	3+	1-Sep-2012	**143**	0.8	0.1	14.30	**2400**	0.8	0.00003	0.0720	**498**	0.8	0.00003	0.0149	**1150**	0.8	0.00003	0.0345	**2.84** [#3]	0.7	0.03	0.0852	**80.9**	0.3	0.00003	0.0024	**16.1414**
(Re-analysis)		1-Sep-2012	**332**	3.0	0.1	33.20	**4700**	2.0	0.00003	0.1410	**996**	2.0	0.00003	0.0299	**2250**	3.0	0.00003	0.0675	**7.8**	2.0	0.03	0.2340	**153**	1.0	0.00003	0.0046	**36.8961**

Notes:
1. Superscript [#1] - Congener 123 does not coelute with other congeners during analysis, results before 2013 are based on the 107/109/123 coelution
2. Superscript [#2] - Reported result is based on the coelution of the coplanar congeners 156/157.
3. Superscript [#3] - Result does not meet all quantification criteria and value denotes the estimated maximum possible concentration (EMPC)
4. Superscript [#4] - Duplicate analyzed by alternative laboratory
5. TEQ - 2, 3, 7, 8, TCDD Toxic Equivalency Quotient.
6. TEF - World Health Organization - Toxic Equivalency Factor for Mammals.
7. Values exceed CCME (2001) Mammalian Tissue Residue Guideline for the Protection of Wildlife Consumers of Aquatic Biota, (CCME, 1999 and updated 2001)

Dioxin Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997 - 2025)

PROJECT No.: 217085-56230

Sampling Location	Date	2,3,7,8-(TCDD)				1,2,3,7,8-(PeCDD)				1,2,3,4,7,8-(HxCDD)				1,2,3,6,7,8- (HxCDD)				1,2,3,7,8,9-(HxCDD)			
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hatchery																					
Brook Trout 0+	24-Jun-1997	**< 0.20**	0.2	1	0.1000	**< 0.1**	0.1	1	0.0500	**< 0.2**	0.2	0.1	0.0100	**< 0.2**	0.2	0.1	0.0100	**< 0.2**	0.2	0.1	0.0100
	25-Jun-1998	**< 0.30**	0.3	1	0.1500	**< 0.4**	0.4	1	0.2000	**< 0.4**	0.4	0.1	0.0200	**< 0.4**	0.4	0.1	0.0200	**< 0.4**	0.4	0.1	0.0200
	01-Sep-1999	**< 0.30**	0.3	1	0.1500	**< 0.3**	0.3	1	0.1500	**< 0.4**	0.4	0.1	0.0200	**< 0.5**	0.5	0.1	0.0250	**< 0.4**	0.4	0.1	0.0200
	09-Sep-2001	**0.2**	0.1	1	0.2000	**0.3**	0.1	1	0.3000	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**0.3**	0.1	0.1	0.0300
	10-Sep-2002	**< 0.30**	0.3	1	0.1500	**< 0.6**	0.6	1	0.3000	**< 0.6**	0.6	0.1	0.0300	**< 0.6**	0.6	0.1	0.0300	**< 0.6**	0.6	0.1	0.0300
	5-Sep-2003	**<0.20**	0.2	1	0.1000	**<0.10**	0.1	1	0.0500	**<0.1**	0.1	0.1	0.0050	**<0.1**	0.1	0.1	0.0050	**<0.1**	0.1	0.1	0.0050
	9-Sep-2004	**0.1**	0.1	1	0.1000	**0.2**	0.1	1	0.0500	**<0.10**	0.1	0.1	0.0050	**<0.10**	0.1	0.1	0.0050	**0.1**	0.1	0.1	0.0100
	10-Sep-2005	**<0.10**	0.1	1	0.0500	**<0.1**	0.1	1	0.0500	**<0.1**	0.1	0.1	0.0050	**<0.1**	0.1	0.1	0.0050	**<0.1**	0.1	0.1	0.0050
	04-Oct-2006	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	11-Sep-2007	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	23-Jul-2008	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
(Duplicate)	23-Jul-2008	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	11-Aug-2009	**< 0.60**	0.6	1	0.3000	**< 0.30**	0.3	1	0.1500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	11-Aug-2010	**< 0.20**	0.2	1	0.1000	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2011	**< 0.10**	0.1	1	0.0500	**< 0.30**	0.3	1	0.1500	**< 0.20**	0.2	0.1	0.0100	**< 0.20**	0.2	0.1	0.0100	**< 0.20**	0.2	0.1	0.0100
	01-Sep-2012	**< 0.07**	0.070	1	0.0350	**< 0.10**	0.10	1	0.0500	**< 0.060**	0.060	0.1	0.0030	**< 0.070**	0.070	0.1	0.0035	**< 0.070**	0.07	0.1	0.0035
	01-Sep-2013	**0.069** [#1]	0.0488	1	0.0690	**< 0.0488**	0.0488	1	0.0244	**< 0.0488**	0.0488	0.1	0.0024	**< 0.0488**	0.0488	0.1	0.0024	**< 0.0488**	0.0488	0.1	0.0024
	21-Sep-2014	**< 0.0568**	0.0568	1	0.0284	**< 0.0568**	0.0568	1	0.0284	**< 0.0568**	0.0568	0.1	0.0028	**< 0.0568**	0.0568	0.1	0.0028	**< 0.0568**	0.0568	0.1	0.0028
	22-Sep-2015	**< 0.0563**	0.0563	1	0.0282	**< 0.0563**	0.0563	1	0.0282	**< 0.0563**	0.0563	0.1	0.0028	**< 0.0563**	0.0563	0.1	0.0028	**< 0.0563**	0.0563	0.1	0.0028
	30-Aug-2016	**< 0.0551**	0.0551	1	0.0276	**< 0.0551**	0.0551	1	0.0276	**< 0.0551**	0.0551	0.1	0.0028	**< 0.0551**	0.0551	0.1	0.0028	**< 0.0551**	0.0551	0.1	0.0028
	30-Aug-2018	**< 0.0566**	0.0566	1	0.0283	**< 0.0566**	0.0566	1	0.0283	**< 0.0566**	0.0566	0.1	0.0028	**< 0.0566**	0.0566	0.1	0.0028	**< 0.0566**	0.0566	0.1	0.0028
	6-Sep-2019	**< 0.0574**	0.0574	1	0.0287	**< 0.0574**	0.0574	1	0.0287	**< 0.0574**	0.0574	0.1	0.0029	**< 0.0574**	0.0574	0.1	0.0029	**< 0.0574**	0.0574	0.1	0.0029
	26-Aug-2020	**< 0.0496**	0.0496	1	0.0248	**< 0.0496**	0.0496	1	0.0248	**< 0.0496**	0.0496	0.1	0.00248	**< 0.0496**	0.0496	0.1	0.00248	**< 0.0496**	0.0496	0.1	0.00248
	29-Sep-2021	**< 0.043**	0.043	1	0.0215	**< 0.05**	0.05	1	0.025	**< 0.052**	0.052	0.1	0.0026	**< 0.047**	0.047	0.1	0.00235	**< 0.048**	0.048	0.1	0.0024
	13-Oct-2022	**< 0.034**	0.034	1	0.017	**< 0.032**	0.032	1	0.016	**< 0.047**	0.047	0.1	0.00235	**< 0.044**	0.044	0.1	0.0022	**< 0.047**	0.047	0.1	0.00235
	15-Aug-2024	**< 0.041**	0.041	1	0.0205	**0.0873** [#1]	0.071	1	0.0873	**< 0.15**	0.15	0.1	0.0075	**< 0.15**	0.15	0.1	0.0075	**< 0.16**	0.16	0.1	0.008
	24-Sep-2025	**< 0.017**	0.017	1	0.0085	**0.0188** [#1]	0.013	1	0.0188	**< 0.082**	0.082	0.1	0.0041	**< 0.099**	0.099	0.1	0.00495	**< 0.043**	0.043	0.1	0.00215
Brook Trout 1+	13-Sep-2017	**<0.059**	0.059	1	0.0295	**0.07** [#1]	0.059	1	0.0700	**<0.059**	0.059	0.1	0.0030	**<0.059**	0.059	0.1	0.0030	**< 0.059**	0.059	0.1	0.0030
Chrystina Lake																					
Brook Trout 1+	11-Aug-2009	**< 0.60**	0.6	1	0.3000	**< 0.20**	0.2	1	0.1000	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2011	**< 0.10**	0.1	1	0.0500	**< 0.30**	0.3	1	0.1500	**< 0.20**	0.2	0.1	0.0100	**< 0.20**	0.2	0.1	0.0100	**< 0.20**	0.2	0.1	0.0100
	01-Sep-2012	**< 0.040**	0.040	1	0.0200	**< 0.070**	0.070	1	0.0350	**< 0.050**	0.050	0.1	0.0025	**< 0.060**	0.060	0.1	0.0030	**< 0.060**	0.06	0.1	0.0030
(Replicate A)	01-Sep-2013	**< 0.193**	0.193	1	0.0965	**< 0.193**	0.193	1	0.0965	**< 0.193**	0.193	0.1	0.0097	**< 0.193**	0.193	0.1	0.0097	**< 0.193**	0.193	0.1	0.0097
(Replicate B)	01-Sep-2013	**< 0.0722**	0.0722	1	0.0361	**< 0.0722**	0.0722	1	0.0361	**< 0.0722**	0.0722	0.1	0.0036	**< 0.0722**	0.0722	0.1	0.0036	**< 0.0722**	0.0722	0.1	0.0036
	23-Sep-2015	**< 0.0567**	0.0567	1	0.0284	**< 0.0567**	0.0567	1	0.0284	**< 0.0567**	0.0567	0.1	0.0028	**< 0.0567**	0.0567	0.1	0.0028	**< 0.0567**	0.0567	0.1	0.0028
	31-Aug-2016	**< 0.0554**	0.0554	1	0.0277	**< 0.0554**	0.0554	1	0.0277	**< 0.0554**	0.0554	0.1	0.0028	**< 0.0554**	0.0554	0.1	0.0028	**< 0.0554**	0.0554	0.1	0.0028
	12-Sep-2017	**< 0.056**	0.056	1	0.0280	**<0.056**	0.056	1	0.0280	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.1	0.0028
	29-Aug-2018	**< 0.056**	0.056	1	0.0280	**0.075**	0.056	1	0.0750	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.1	0.0028
(Replicate A)	5-Sep-2019	**< 0.057**	0.057	1	0.0285	**0.075** [#1]	0.057	1	0.0750	**< 0.057**	0.057	0.1	0.0029	**< 0.057**	0.057	0.1	0.0029	**< 0.057**	0.057	0.1	0.0029
(Replicate B)	5-Sep-2019	**< 0.0573**	0.0573	1	0.0287	**0.067** [#1]	0.0591	1	0.0670	**< 0.0573**	0.0573	0.1	0.0029	**< 0.0573**	0.0573	0.1	0.0029	**< 0.0573**	0.0573	0.1	0.0029
	25-Aug-2020	**< 0.05**	0.05	1	0.0250	**0.068** [#1]	0.05	1	0.0680	**< 0.05**	0.05	0.1	0.0025	**< 0.05**	0.05	0.1	0.0025	**< 0.05**	0.05	0.1	0.0025
	29-Sep-2021	**< 0.041**	0.041	1	0.0205	**< 0.058**	0.058	1	0.029	**< 0.065**	0.065	0.1	0.0033	**< 0.08**	0.08	0.1	0.004	**< 0.088**	0.088	0.1	0.0044
	29-Sep-2021	**< 0.026**	0.026	1	0.013	**< 0.035**	0.035	1	0.0175	**< 0.054**	0.054	0.1	0.0027	**< 0.045**	0.045	0.1	0.00225	**< 0.043**	0.043	0.1	0.0022
	12-Oct-2022	**< 0.021**	0.021	1	0.0105	**< 0.041**	0.041	1	0.0205	**< 0.056**	0.056	0.1	0.0028	**< 0.06**	0.06	0.1	0.003	**< 0.039**	0.039	0.1	0.0020
	13-Sep-2023	**0.0391**	0.026	1	0.0391	**0.05** [#1]	0.04	1	0.05	**< 0.033**	0.033	0.1	0.0017	**0.048** [#1]	0.033	0.1	0.0048	**< 0.039**	0.039	0.1	0.0020
	14-Aug-2024	**0.049**	0.049	1	0.0245	**0.0586**	0.036	1	0.0586	**< 0.071**	0.071	0.1	0.0036	**0.075**	0.075	0.1	0.00375	**< 0.079**	0.079	0.1	0.0040
(Lab Duplicate)	14-Aug-2024	**0.046**	0.046	1	0.023	**0.0662**	0.047	1	0.0662	**< 0.12**	0.12	0.1	0.0060	**0.12**	0.12	0.1	0.006	**< 0.11**	0.11	0.1	0.0055

Dioxin Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997 - 2025)

PROJECT No.: 217085-56230

Sampling Location	Date	2,3,7,8-(TCDD)				1,2,3,7,8-(PeCDD)				1,2,3,4,7,8-(HxCDD)				1,2,3,6,7,8- (HxCDD)				1,2,3,7,8,9-(HxCDD)			
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																					
	24-Sep-2025	**< 0.016**	0.016	1	0.008	**< 0.069**	0.069	1	0.0345	**< 0.067**	0.067	0.1	0.0034	**< 0.088**	0.088	0.1	0.0044	**< 0.033**	0.033	0.1	0.0017
Brook Trout 2+	05-Oct-1995	**< 5.8**	5.8	1	2.9000	**< 3.5**	3.5	1	1.7500	**< 8.5**	8.5	0.1	0.4250	**< 9.7**	9.7	0.1	0.4850	**< 9.0**	9	0.1	0.4500
	26-Jun-1997	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
	11-Aug-2009	**< 0.40**	0.4	1	0.2000	**< 0.20**	0.2	1	0.1000	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	11-Aug-2010	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2011	**< 0.090**	0.09	1	0.0450	**< 0.40**	0.4	1	0.2000	**< 0.080**	0.08	0.1	0.0040	**< 0.10**	0.1	0.1	0.0050	**< 0.090**	0.09	0.1	0.0045
	01-Sep-2012	**< 0.050**	0.050	1	0.0250	**< 0.060**	0.060	1	0.0300	**< 0.050**	0.050	0.1	0.0025	**< 0.060**	0.060	0.1	0.0030	**< 0.050**	0.05	0.1	0.0025
	01-Sep-2013	**0.052** [#1]	0.0489	1	0.0520	**< 0.0489**	0.0489	1	0.0245	**< 0.0489**	0.0489	0.1	0.0024	**0.062** [#1]	0.0489	0.1	0.0062	**< 0.0489**	0.0489	0.1	0.0024
	22-Sep-2014	**< 0.0579**	0.0579	1	0.0290	**< 0.0579**	0.0579	1	0.0290	**< 0.0579**	0.0579	0.1	0.0029	**< 0.0579**	0.0579	0.1	0.0029	**< 0.0579**	0.0579	0.1	0.0029
(Replicate A)	22-Sep-2014	**< 0.0573**	0.0573	1	0.0287	**< 0.0573**	0.0573	1	0.0287	**< 0.0573**	0.0573	0.1	0.0029	**< 0.0573**	0.0573	0.1	0.0029	**< 0.0573**	0.0573	0.1	0.0029
(Replicate B)	22-Sep-2014	**< 0.056**	0.056	1	0.0280	**< 0.056**	0.056	1	0.0280	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.1	0.0028
	23-Sep-2015	**< 0.0567**	0.0567	1	0.0284	**< 0.0567**	0.0567	1	0.0284	**< 0.0567**	0.0567	0.1	0.0028	**< 0.0567**	0.0567	0.1	0.0028	**< 0.0567**	0.0567	0.1	0.0028
	31-Aug-2016	**< 0.0557**	0.0557	1	0.0279	**< 0.0557**	0.0557	1	0.0279	**< 0.0557**	0.0557	0.1	0.0028	**< 0.0557**	0.0557	0.1	0.0028	**< 0.0557**	0.0557	0.1	0.0028
	12-Sep-2017	**< 0.0582**	0.0582	1	0.0291	**< 0.0582**	0.0582	1	0.0291	**< 0.0582**	0.0582	0.1	0.0029	**<0.0582**	0.0582	0.1	0.0029	**< 0.0582**	0.0582	0.1	0.0029
(Replicate A)	12-Sep-2017	**< 0.058**	0.058	1	0.0290	**< 0.058**	0.058	1	0.0290	**< 0.058**	0.058	0.1	0.0029	**< 0.058**	0.058	0.1	0.0029	**< 0.058**	0.058	0.1	0.0029
	29-Aug-2018	**< 0.056**	0.056	1	0.0280	**0.085** [#1]	0.0593	1	0.0850	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.1	0.0028
(Replicate A)	5-Sep-2019	**< 0.0549**	0.0549	1	0.0275	**< 0.0549**	0.0549	1	0.0275	**< 0.0549**	0.0549	0.1	0.0027	**< 0.0549**	0.0549	0.1	0.0027	**< 0.0549**	0.0549	0.1	0.0027
(Replicate B)	5-Sep-2019	**< 0.0579**	0.0579	1	0.0290	**0.07** [#1]	0.0579	1	0.0700	**< 0.0579**	0.0579	0.1	0.0029	**< 0.0579**	0.0579	0.1	0.0029	**< 0.0579**	0.0579	0.1	0.0029
	25-Aug-2020	**< 0.0498**	0.0498	1	0.0249	**< 0.0498**	0.0498	1	0.0249	**< 0.0498**	0.0498	0.1	0.0025	**< 0.0498**	0.0498	0.1	0.0025	**< 0.0498**	0.0498	0.1	0.0025
	25-Aug-2020	**< 0.0497**	0.0497	1	0.0249	**< 0.0497**	0.0497	1	0.0249	**< 0.0497**	0.0497	0.1	0.0025	**< 0.0497**	0.0497	0.1	0.0025	**< 0.0497**	0.0497	0.1	0.0025
	29-Sep-2021	**< 0.031**	0.031	1	0.0155	**< 0.044**	0.044	1	0.022	**< 0.036**	0.036	0.1	0.0018	**< 0.047**	0.047	0.1	0.00235	**< 0.06**	0.06	0.1	0.0030
	12-Oct-2022	**< 0.042**	0.042	1	0.021	**< 0.068**	0.068	1	0.034	**< 0.044**	0.044	0.1	0.0022	**< 0.072**	0.072	0.1	0.0036	**< 0.046**	0.046	0.1	0.0023
	13-Sep-2023	**< 0.018**	0.018	1	0.009	**< 0.023**	0.023	1	0.0115	**< 0.032**	0.032	0.1	0.0016	**< 0.032**	0.032	0.1	0.0016	**< 0.035**	0.035	0.1	0.0018
	14-Aug-2024	**<0.037**	0.037	1	0.0185	**<0.056**	0.056	1	0.028	**< 0.066**	0.066	0.1	0.0033	**<0.069**	0.069	0.1	0.00345	**<0.064**	0.064	0.1	0.0032
(Replicate A)	24-Sep-2025	**< 0.024**	0.024	1	0.012	**< 0.033**	0.033	1	0.0165	**< 0.098**	0.098	0.1	0.0049	**< 0.045**	0.045	0.1	0.00225	**< 0.048**	0.048	0.1	0.0024
(Replicate B)	24-Sep-2025	**< 0.064**	0.064	1	0.032	**< 0.024**	0.024	1	0.012	**0.118**[#1]	0.028	0.1	0.0118	**0.116**[#1]	0.027	0.1	0.0116	**0.0407**[#1]	0.03	0.1	0.0041
Brook Trout 3+	25-Jun-1997	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	0.1	0.0050	**< 0.2**	0.2	0.1	0.0100	**< 0.1**	0.1	0.1	0.0050
	04-Sep-2000	**< 0.14**	0.14	1	0.0700	**< 1.1**	1.1	1	0.5500	**< 0.6**	0.6	0.1	0.0300	**< 0.59**	0.59	0.1	0.0295	**< 0.6**	0.6	0.1	0.0300
	04-Oct-2006	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	11-Aug-2010	**< 0.30**	0.3	1	0.1500	**< 0.20**	0.2	1	0.1000	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
(Duplicate)	11-Aug-2010	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
(Replicate A)	01-Sep-2012	**< 0.070**	0.070	1	0.0350	**< 0.090**	0.090	1	0.0450	**< 0.080**	0.080	0.1	0.0040	**< 0.10**	0.10	0.1	0.0050	**< 0.090**	0.09	0.1	0.0045
(Duplicate)	01-Sep-2012	**< 0.080**	0.080	1	0.0400	**< 0.090**	0.090	1	0.0450	**< 0.070**	0.070	0.1	0.0035	**< 0.080**	0.080	0.1	0.0040	**< 0.070**	0.07	0.1	0.0035
(Replicate B)	01-Sep-2012	**< 0.080**	0.080	1	0.0400	**< 0.10**	0.10	1	0.0500	**< 0.080**	0.080	0.1	0.0040	**< 0.090**	0.090	0.1	0.0045	**< 0.080**	0.08	0.1	0.0040
(Replicate C)	01-Sep-2013	**< 0.0644**	0.0644	1	0.0322	**< 0.0644**	0.0644	1	0.0322	**< 0.0644**	0.0644	0.1	0.0032	**< 0.0644**	0.0644	0.1	0.0032	**< 0.0644**	0.0644	0.1	0.0032
(Replicate D)	01-Sep-2013	**< 0.0651**	0.0651	1	0.0326	**< 0.0651**	0.0651	1	0.0326	**< 0.0651**	0.0651	0.1	0.0033	**< 0.0651**	0.0651	0.1	0.0033	**< 0.0651**	0.0651	0.1	0.0033
	22-Sep-2014	**< 0.0578**	0.0578	1	0.0289	**< 0.0578**	0.0578	1	0.0289	**< 0.0578**	0.0578	0.1	0.0029	**< 0.0578**	0.0578	0.1	0.0029	**< 0.0578**	0.0578	0.1	0.0029
(Duplicate)	22-Sep-2014	**< 0.056**	0.056	1	0.0280	**< 0.056**	0.056	1	0.0280	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.1	0.0028
(Replicate A)	22-Sep-2014	**0.066** [#1]	0.0567	1	0.0660	**< 0.0567**	0.0567	1	0.0284	**< 0.0567**	0.0567	0.1	0.0028	**< 0.0567**	0.0567	0.1	0.0028	**< 0.0567**	0.0567	0.1	0.0028
(Replicate B)	22-Sep-2014	**< 0.0574**	0.0574	1	0.0287	**< 0.0574**	0.0574	1	0.0287	**< 0.0574**	0.0574	0.1	0.0029	**< 0.0574**	0.0574	0.1	0.0029	**< 0.0574**	0.0574	0.1	0.0029
	23-Sep-2015	**< 0.0572**	0.0572	1	0.0286	**< 0.0572**	0.0572	1	0.0286	**< 0.0572**	0.0572	0.1	0.0029	**< 0.0572**	0.0572	0.1	0.0029	**< 0.0572**	0.0572	0.1	0.0029
	31-Aug-2016	**< 0.0551**	0.0551	1	0.0276	**< 0.0551**	0.0551	1	0.0276	**< 0.0551**	0.0551	0.1	0.0028	**< 0.0551**	0.0551	0.1	0.0028	**< 0.0551**	0.0551	0.1	0.0028
(Duplicate)	31-Aug-2016	**< 0.0561**	0.0561	1	0.0281	**< 0.0561**	0.0561	1	0.0281	**< 0.0561**	0.0561	0.1	0.0028	**< 0.0561**	0.0561	0.1	0.0028	**< 0.0561**	0.0561	0.1	0.0028
(Replicate A)	31-Aug-2016	**< 0.0546**	0.0546	1	0.0273	**< 0.0546**	0.0546	1	0.0273	**0.061**	0.0546	0.1	0.0061	**0.061** [#1]	0.0546	0.1	0.0061	**< 0.0546**	0.0546	0.1	0.0027
	12-Sep-2017	**< 0.0559**	0.0559	1	0.0280	**< 0.0559**	0.0559	1	0.0280	**< 0.0559**	0.0559	0.1	0.0028	**< 0.0559**	0.0559	0.1	0.0028	**< 0.0559**	0.0559	0.1	0.0028

Dioxin Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997 - 2025)

PROJECT No.: 217085-56230

Sampling Location	Date	2,3,7,8-(TCDD)				1,2,3,7,8-(PeCDD)				1,2,3,4,7,8-(HxCDD)				1,2,3,6,7,8- (HxCDD)				1,2,3,7,8,9-(HxCDD)			
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																					
(Duplicate)	12-Sep-2017	**< 0.0588**	0.0588	1	0.0294	**< 0.0588**	0.0588	1	0.0294	**< 0.0588**	0.0588	0.1	0.0029	**< 0.0588**	0.0588	0.1	0.0029	**< 0.0588**	0.0588	0.1	0.0029
	29-Aug-2018	**< 0.0493**	0.0493	1	0.0247	**< 0.0493**	0.0493	1	0.0247	**< 0.0493**	0.0493	0.1	0.0025	**< 0.0493**	0.0493	0.1	0.0025	**< 0.0493**	0.0493	0.1	0.0025
(Duplicate)	29-Aug-2018	**< 0.0548**	0.0548	1	0.0274	**< 0.0548**	0.0548	1	0.0274	**< 0.0548**	0.0548	0.1	0.0027	**< 0.0548**	0.0548	0.1	0.0027	**< 0.0548**	0.0548	0.1	0.0027
(Duplicate)	29-Aug-2018	**< 0.0548**	0.0548	1	0.0274	**< 0.0548**	0.0548	1	0.0274	**< 0.0604**	0.0604	0.1	0.0030	**< 0.0604**	0.0604	0.1	0.0030	**< 0.0604**	0.0604	0.1	0.0030
	5-Sep-2019	**< 0.0556**	0.0556	1	0.0278	**< 0.0726**	0.0726	1	0.0363	**< 0.0556**	0.0556	0.1	0.0028	**< 0.0556**	0.0556	0.1	0.0028	**< 0.0556**	0.0556	0.1	0.0028
(Lab - Duplicate)	5-Sep-2019	**< 0.0575**	0.0575	1	0.0288	**< 0.0575**	0.0575	1	0.0288	**< 0.0577**	0.0577	0.1	0.0029	**< 0.0577**	0.0577	0.1	0.0029	**< 0.0577**	0.0577	0.1	0.0029
	29-Sep-2021	**< 0.048**	0.048	1	0.0240	**< 0.049**	0.049	1	0.0245	**< 0.064**	0.064	0.1	0.0032	**< 0.069**	0.069	0.1	0.00345	**< 0.086**	0.086	0.1	0.0043
	29-Sep-2021	**< 0.069**	0.069	1	0.0345	**< 0.071**	0.071	1	0.0355	**< 0.083**	0.083	0.1	0.0042	**< 0.086**	0.086	0.1	0.0043	**< 0.081**	0.081	0.1	0.0041
	12-Oct-2022	**0.018** [#1]	0.016	1	0.0180	**< 0.036**	0.036	1	0.0180	**< 0.03**	0.03	0.1	0.0015	**< 0.05**	0.05	0.1	0.0025	**< 0.035**	0.035	0.1	0.0018
	13-Sep-2023	**< 0.037**	0.037	1	0.0185	**< 0.034**	0.034	1	0.0170	**< 0.039**	0.039	0.1	0.0020	**< 0.038**	0.038	0.1	0.0019	**< 0.042**	0.042	0.1	0.0021
(Lab - Duplicate)	13-Sep-2023	**< 0.024**	0.024	1	0.0120	**< 0.024**	0.024	1	0.0120	**< 0.037**	0.037	0.1	0.0019	**< 0.034**	0.034	0.1	0.0017	**< 0.039**	0.039	0.1	0.0020
	14-Aug-2024	**<0.046**	0.046	1	0.0230	**< 0.053**	0.053	1	0.0265	**< 0.066**	0.066	0.1	0.0033	**< 0.061**	0.061	0.1	0.00305	**< 0.082**	0.082	0.1	0.0041
(Duplicate)	14-Aug-2024	**<0.041**	0.041	1	0.0205	**< 0.07**	0.07	1	0.0350	**< 0.064**	0.064	0.1	0.0032	**< 0.082**	0.082	0.1	0.0041	**< 0.069**	0.069	0.1	0.0035
(Replicate A)	24-Sep-2025	**< 0.022**	0.022	1	0.0110	**< 0.039**	0.039	1	0.0195	**< 0.069**	0.069	0.1	0.0035	**< 0.096**	0.096	0.1	0.0048	**< 0.04**	0.04	0.1	0.0020
(Duplicate)	24-Sep-2025	**< 0.1**	0.1	1	0.0500	**< 0.073**	0.073	1	0.0365	**0.173**[#1]	0.023	0.1	0.0173	**0.103**[#1]	0.025	0.1	0.0103	**0.0724**[#1]	0.026	0.1	0.0072
(Replicate B)	24-Sep-2025	**< 0.02**	0.02	1	0.0100	**< 0.028**	0.028	1	0.0140	**< 0.043**	0.043	0.1	0.0022	**0.0648**[#1]	0.032	0.1	0.00648	**0.0491**[#1]	0.035	0.1	0.0049
Brook Trout 4+	27-Jun-1998	**< 0.1**	0.1	1	0.0500	**< 0.4**	0.4	1	0.2000	**< 0.4**	0.4	0.1	0.0200	**< 0.4**	0.4	0.1	0.0200	**< 0.4**	0.4	0.1	0.0200
	01-Sep-1999	**< 0.2**	0.2	1	0.1000	**< 0.3**	0.3	1	0.1500	**< 0.5**	0.5	0.1	0.0250	**< 0.6**	0.6	0.1	0.0300	**< 0.5**	0.5	0.1	0.0250
	10-Sep-2001	**< 0.05**	0.05	1	0.0250	**0.1**	0.1	1	0.1000	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
	04-Oct-2006	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
(Duplicate)	04-Oct-2006	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2011	**< 0.10**	0.1	1	0.0500	**< 0.40**	0.4	1	0.2000	**< 0.10**	0.1	0.1	0.0050	**< 0.20**	0.2	0.1	0.0100	**< 0.20**	0.2	0.1	0.0100
	01-Sep-2013	**0.051** [#1]	0.0496	1	0.0510	**< 0.0496**	0.0496	1	0.0496	**< 0.0496**	0.0496	0.1	0.0025	**< 0.0496**	0.0496	0.1	0.0025	**< 0.0496**	0.0496	0.1	0.0025
	22-Sep-2014	**0.07** [#1]	0.0574	1	0.0700	**0.073** [#1]	0.0574	1	0.0730	**< 0.0574**	0.0574	0.1	0.0029	**0.067** [#1]	0.0574	0.1	0.0067	**< 0.0574**	0.0574	0.1	0.0029
	23-Sep-2015	**< 0.0557**	0.0557	1	0.0279	**< 0.0557**	0.0557	1	0.0279	**< 0.0557**	0.0557	0.1	0.0028	**< 0.0557**	0.0557	0.1	0.0028	**< 0.0557**	0.0557	0.1	0.0028
(Replicate A)	23-Sep-2015	**< 0.0562**	0.0562	1	0.0281	**< 0.0562**	0.0562	1	0.0281	**< 0.0562**	0.0562	0.1	0.0028	**< 0.0562**	0.0562	0.1	0.0028	**< 0.0562**	0.0562	0.1	0.0028
	12-Sep-17	**< 0.0582**	0.0582	1	0.0291	**0.063** [#1]	0.0582	1	0.0630	**< 0.0582**	0.0582	0.1	0.0029	**0.059** [#1]	0.0582	0.1	0.0059	**< 0.0582**	0.0582	0.1	0.0029
(Replicate A)	29-Aug-18	**< 0.0561**	0.0561	1	0.0281	**< 0.0561**	0.0561	1	0.0281	**< 0.0561**	0.0561	0.1	0.0028	**< 0.0561**	0.0561	0.1	0.0028	**< 0.0561**	0.0561	0.1	0.0028
(Replicate B)	29-Aug-18	**< 0.0558**	0.0558	1	0.0279	**0.063** [#1]	0.0558	1	0.0630	**< 0.0578**	0.0578	0.1	0.0029	**0.071**	0.0578	0.1	0.0071	**< 0.0578**	0.0578	0.1	0.0029
(Replicate C)	29-Aug-18	**< 0.0542**	0.0542	1	0.0271	**0.067** [#1]	0.05	1	0.0670	**< 0.0546**	0.0546	0.1	0.0027	**< 0.0546**	0.0546	0.1	0.0027	**< 0.0546**	0.0546	0.1	0.0027
	25-Aug-20	**< 0.0496**	0.0496	1	0.0248	**< 0.0496**	0.0496	1	0.0248	**< 0.0496**	0.0496	0.1	0.0025	**< 0.0496**	0.0496	0.1	0.0025	**< 0.0496**	0.0496	0.1	0.0025
	29-Sep-2021	**< 0.036**	0.036	1	0.018	**< 0.045**	0.045	1	0.0225	**< 0.05**	0.05	0.1	0.0025	**< 0.049**	0.049	0.1	0.00245	**< 0.03**	0.03	0.1	0.0015
	24-Sep-2025	**< 0.086**	0.086	1	0.043	**< 0.18**	0.18	1	0.09	**< 0.26**	0.26	0.1	0.013	**< 0.26**	0.26	0.1	0.013	**< 0.32**	0.32	0.1	0.016
Brook Trout 5+	05-Oct-1995	**< 4.0**	4	1	2.0000	**< 4.1**	4.1	1	2.0500	**< 7.6**	7.6	0.1	0.3800	**< 9.4**	9.4	0.1	0.4700	**< 8.4**	8.4	0.1	0.4200
	01-Sep-1999	**< 0.1**	0.1	1	0.0500	**< 0.2**	0.2	1	0.1000	**< 0.5**	0.5	0.1	0.0250	**< 0.5**	0.5	0.1	0.0250	**< 0.5**	0.5	0.1	0.0250
	04-Sep-2000	**< 0.18**	0.18	1	0.0900	**< 0.91**	0.91	1	0.4550	**< 0.48**	0.48	0.1	0.0240	**< 0.47**	0.47	0.1	0.0235	**< 0.48**	0.48	0.1	0.0240
	10-Sep-2002	**< 0.2**	0.2	1	0.1000	**< 0.5**	0.5	1	0.2500	**< 0.7**	0.7	0.1	0.0350	**< 0.7**	0.7	0.1	0.0350	**< 0.7**	0.7	0.1	0.0350
	07-Sep-2003	**< 0.2**	0.2	1	0.1000	**< 0.1**	0.1	1	0.0500	**< 0.2**	0.2	0.1	0.0100	**< 0.2**	0.2	0.1	0.0100	**< 0.1**	0.1	0.1	0.0050
	12-Sep-2004	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
	10-Sep-2005	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
	04-Oct-2006	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	11-Sep-2007	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2013	**< 0.0712**	0.0712	1	0.0356	**0.075**	0.0712	1	0.0750	**< 0.0712**	0.0712	0.1	0.0036	**< 0.0712**	0.0712	0.1	0.0036	**< 0.0712**	0.0712	0.1	0.0036

Dioxin Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997 - 2025)

PROJECT No.: 217085-56230

Sampling Location	Date	2,3,7,8-(TCDD)				1,2,3,7,8-(PeCDD)				1,2,3,4,7,8-(HxCDD)				1,2,3,6,7,8- (HxCDD)				1,2,3,7,8,9-(HxCDD)			
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																					
	23-Sep-2015	**< 0.0572**	0.0572	1	0.0286	**< 0.0572**	0.0572	1	0.0286	**< 0.0572**	0.0572	0.1	0.0029	**< 0.0572**	0.0572	0.1	0.0029	**< 0.0572**	0.0572	0.1	0.0029
	31-Aug-2016	**< 0.0564**	0.0564	1	0.0282	**< 0.0564**	0.0564	1	0.0282	**< 0.0564**	0.0564	0.1	0.0028	**< 0.0564**	0.0564	0.1	0.0028	**< 0.0564**	0.0564	0.1	0.0028
	12-Sep-2017	**< 0.058**	0.058	1	0.0290	**< 0.058**	0.058	1	0.0290	**< 0.058**	0.058	0.1	0.0029	**< 0.058**	0.058	0.1	0.0029	**< 0.058**	0.058	0.1	0.0029
	29-Sep-2021	**< 0.037**	0.037	1	0.0185	**< 0.051**	0.051	1	0.0255	**< 0.053**	0.053	0.1	0.00265	**< 0.054**	0.054	0.1	0.0027	**< 0.044**	0.044	0.1	0.0022
Brook Trout 6+	27-Jun-1998	**< 0.2**	0.2	1	0.1000	**< 0.5**	0.5	1	0.2500	**< 0.5**	0.5	0.1	0.0250	**< 0.5**	0.5	0.1	0.0250	**< 0.5**	0.5	0.1	0.0250
	11-Sep-2001	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
	10-Sep-2005	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
(Duplicate)	10-Sep-2005	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
	11-Sep-2007	**< 0.20**	0.2	1	0.1000	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
Brook Trout 7+	10-Sep-2002	**< 0.2**	0.2	1	0.1000	**< 0.5**	0.5	1	0.2500	**< 0.7**	0.7	0.1	0.0350	**< 0.8**	0.8	0.1	0.0400	**< 0.8**	0.8	0.1	0.0400
(Duplicate)	10-Sep-2002	**< 0.2**	0.2	1	0.1000	**< 0.4**	0.4	1	0.2000	**< 0.5**	0.5	0.1	0.0250	**< 0.5**	0.5	0.1	0.0250	**< 0.5**	0.5	0.1	0.0250
	06-Sep-2003	**< 0.2**	0.2	1	0.1000	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
(Duplicate)	06-Sep-2003	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	12-Sep-2004	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
(Duplicate)	12-Sep-2004	**< 0.1**	0.1	1	0.0500	**0.1**	0.1	1	0.1000	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
	10-Sep-2005	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
	11-Sep-2007	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
(Duplicate)	11-Sep-2007	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
Brook Trout 9+	12-Sep-2004	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
Brook Trout 11+	11-Sep-2007	**< 0.20**	0.2	1	0.1000	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
Brook Trout 12+	11-Sep-2007	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
Brook Trout Unknown	23-Jul-2008	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
(Replicate)	23-Jul-2008	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
(Replicate A)	23-Jul-2008	**< 0.20**	0.2	1	0.1000	**< 0.20**	0.2	1	0.1000	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
(Replicate B)	23-Jul-2008	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**0.11**	0.1	0.1	0.0110	**0.24**	0.1	0.1	0.0240	**0.22**	0.1	0.1	0.0220
(Replicate C)	23-Jul-2008	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	12-Oct-2022	**< 0.019**	0.019	1	0.0095	**< 0.04**	0.04	1	0.0200	**< 0.039**	0.039	0.1	0.0020	**< 0.027**	0.027	0.1	0.0014	**< 0.03**	0.03	0.1	0.0015
(Replicate A)	13-Sep-2023	**< 0.06**	0.06	1	0.0300	**< 0.059**	0.059	1	0.0295	**< 0.091**	0.091	0.1	0.0046	**< 0.096**	0.096	0.1	0.0048	**< 0.099**	0.099	0.1	0.0050
(Replicate B)	13-Sep-2023	**< 0.017**	0.017	1	0.0085	**< 0.036**	0.036	1	0.0180	**< 0.022**	0.022	0.1	0.0011	**< 0.02**	0.02	0.1	0.0010	**< 0.022**	0.022	0.1	0.0011
(Replicate A)	14-Aug-2024	**< 0.04**	0.04	1	0.0200	**< 0.12**	0.12	1	0.0600	**< 0.12**	0.12	0.1	0.0060	**< 0.11**	0.11	0.1	0.0055	**< 0.086**	0.086	0.1	0.0043
(Replicate B)	14-Aug-2024	**< 0.046**	0.046	1	0.0230	**< 0.051**	0.051	1	0.0255	**< 0.077**	0.077	0.1	0.0039	**< 0.071**	0.071	0.1	0.0036	**< 0.065**	0.065	0.1	0.0033
(Replicate C)	14-Aug-2024	**< 0.03**	0.03	1	0.0150	**< 0.072**	0.072	1	0.0360	**< 0.11**	0.11	0.1	0.0055	**< 0.1**	0.1	0.1	0.0050	**< 0.075**	0.075	0.1	0.0038
	24-Sep-2025	**0.185**[#1]	0.029	1	0.1850	**< 0.025**	0.025	1	0.0125	**< 0.12**	0.12	0.1	0.0060	**< 0.1**	0.1	0.1	0.0050	**< 0.04**	0.04	0.1	0.0020
White Sucker 1+	21-Sep-2014	**< 0.0579**	0.0579	1	0.0290	**< 0.0579**	0.0579	1	0.0290	**< 0.0579**	0.0579	0.1	0.0029	**< 0.0579**	0.0579	0.1	0.0029	**< 0.0579**	0.0579	0.1	0.0029
White Sucker 2+	22-Sep-2014	**< 0.0573**	0.0573	1	0.0287	**< 0.0573**	0.0573	1	0.0287	**< 0.0573**	0.0573	0.1	0.0029	**< 0.0573**	0.0573	0.1	0.0029	**< 0.0573**	0.0573	0.1	0.0029
White Sucker 5+	25-Jun-1997	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
White Sucker 6+	24-Jun-1997	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
	25-Jun-1998	**< 0.2**	0.2	1	0.1000	**< 0.3**	0.3	1	0.1500	**< 0.4**	0.4	0.1	0.0200	**< 0.4**	0.4	0.1	0.0200	**< 0.4**	0.4	0.1	0.0200
	12-Sep-2004	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
	11-Sep-2007	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050

Dioxin Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997 - 2025)

PROJECT No.: 217085-56230

Sampling Location	Date	2,3,7,8-(TCDD)				1,2,3,7,8-(PeCDD)				1,2,3,4,7,8-(HxCDD)				1,2,3,6,7,8- (HxCDD)				1,2,3,7,8,9-(HxCDD)			
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																					
White Sucker 7+	11-Sep-2007	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
White Sucker 8+	27-Jun-1998	**< 0.4**	0.4	1	0.2000	**< 0.5**	0.5	1	0.2500	**< 0.4**	0.4	0.1	0.0200	**< 0.4**	0.4	0.1	0.0200	**< 0.4**	0.4	0.1	0.0200
	11-Sep-2007	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	11-Aug-2009	**< 0.50**	0.5	1	0.2500	**< 0.20**	0.2	1	0.1000	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
White Sucker 9+	02-Sep-2000	**< 0.28**	0.28	1	0.1400	**< 0.91**	0.91	1	0.4550	**< 0.52**	0.52	0.1	0.0260	**< 0.53**	0.53	0.1	0.0265	**< 0.53**	0.53	0.1	0.0265
	12-Sep-2004	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
	11-Sep-2007	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**0.11**	0.1	0.1	0.0110	**0.14**	0.1	0.1	0.0140	**0.15**	0.1	0.1	0.0150
White Sucker 10+	11-Aug-2009	**< 0.40**	0.4	1	0.2000	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
White Sucker 11+	12-Sep-2004	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
Forage Fish	4-Nov-2014	**<0.0551**	0.0551	1	0.0276	**<0.0551**	0.0551	1	0.0276	**<0.0551**	0.0551	0.1	0.0028	**<0.0551**	0.0551	0.1	0.0028	**<0.0551**	0.0551	0.1	0.0028
Aquatic Invertebrates	22-Aug-2014	**<0.281**	0.281	1	0.1405	**<0.281**	0.281	1	0.1405	**<0.281**	0.281	0.1	0.0141	**<0.281**	0.281	0.1	0.0141	**<0.281**	0.281	0.1	0.0141
Edith Lake																					
Brook Trout 1+	11-Aug-2009	**< 0.20**	0.2	1	0.1000	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2011	**< 0.20**	0.2	1	0.1000	**< 0.50**	0.5	1	0.2500	**< 0.20**	0.2	0.1	0.0100	**< 0.30**	0.3	0.1	0.0150	**< 0.30**	0.3	0.1	0.0150
(Duplicate)	01-Sep-2011	**< 0.070**	0.07	1	0.0350	**< 0.10**	0.1	1	0.0500	**< 0.080**	0.08	0.1	0.0040	**< 0.090**	0.09	0.1	0.0045	**< 0.090**	0.09	0.1	0.0045
	01-Sep-2012	**< 0.050**	0.050	1	0.0250	**< 0.070**	0.070	1	0.0350	**< 0.050**	0.050	0.1	0.0025	**< 0.050**	0.050	0.1	0.0025	**< 0.050**	0.050	0.1	0.0025
	22-Sep-2015	**< 0.0559**	0.0559	1	0.0280	**< 0.0559**	0.0559	1	0.0280	**< 0.0559**	0.0559	0.1	0.0028	**< 0.0559**	0.0559	0.1	0.0028	**< 0.0559**	0.0559	0.1	0.0028
	30-Aug-2016	**< 0.0548**	0.0548	1	0.0274	**< 0.0548**	0.0548	1	0.0274	**< 0.0548**	0.0548	0.1	0.0027	**< 0.0548**	0.0548	0.1	0.0027	**< 0.0548**	0.0548	0.1	0.0027
	13-Sep-2017	**< 0.0584**	0.0584	1	0.0292	**0.146** [#1]	0.0584	1	0.1460	**< 0.0584**	0.0584	0.1	0.0029	**0.119** [#1]	0.0584	0.1	0.0119	**0.065**	0.0584	0.1	0.0070
	30-Aug-2018	**< 0.0551**	0.0551	1	0.0276	**< 0.0551**	0.0551	1	0.0276	**< 0.0551**	0.0551	0.1	0.0028	**< 0.0551**	0.0551	0.1	0.0028	**< 0.0551**	0.0551	0.1	0.0028
(Replicate A)	6-Sep-2019	**< 0.058**	0.058	1	0.0290	**< 0.058**	0.058	1	0.0290	**< 0.058**	0.058	0.1	0.0029	**< 0.058**	0.058	0.1	0.0029	**< 0.058**	0.058	0.1	0.0029
(Replicate B)	6-Sep-2019	**< 0.0564**	0.0564	1	0.0282	**0.08** [#1]	0.0564	1	0.0800	**< 0.0564**	0.0564	0.1	0.0028	**< 0.0564**	0.0564	0.1	0.0028	**< 0.0564**	0.0564	0.1	0.0028
	26-Aug-2020	**< 0.0493**	0.0493	1	0.0247	**< 0.0493**	0.0493	1	0.0247	**< 0.0493**	0.0493	0.1	0.0025	**< 0.0493**	0.0493	0.1	0.0025	**< 0.0493**	0.0493	0.1	0.0025
	30-Sep-2021	**< 0.039**	0.039	1	0.0195	**< 0.067**	0.067	1	0.0335	**< 0.057**	0.057	0.1	0.0029	**< 0.058**	0.058	0.1	0.0029	**< 0.052**	0.052	0.1	0.0026
	13-Oct-2022	**< 0.025**	0.025	1	0.0125	**0.0357**	0.021	1	0.0357	**< 0.045**	0.045	0.1	0.0023	**<0.064**	0.064	0.1	0.0032	**< 0.041**	0.041	0.1	0.00205
	14-Sep-2023	**< 0.015**	0.015	1	0.0075	**0.064**	0.029	1	0.0640	**< 0.065**	0.065	0.1	0.0033	**< 0.064**	0.064	0.1	0.0032	**< 0.066**	0.066	0.1	0.0033
	15-Aug-2024	**0.031**[#1]	0.024	1	0.031	**0.131**	0.034	1	0.1310	**<0.083**	0.083	0.1	0.0042	**<0.076**	0.076	0.1	0.0038	**<0.1**	0.1	0.1	0.005
Brook Trout 2+	11-Aug-2009	**< 0.20**	0.2	1	0.1000	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	11-Aug-2010	**< 0.20**	0.2	1	0.1000	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2011	**< 0.10**	0.1	1	0.0500	**< 0.30**	0.3	1	0.1500	**< 0.090**	0.09	0.1	0.0045	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2012	**< 0.030**	0.030	1	0.0150	**< 0.030**	0.030	1	0.0150	**< 0.040**	0.040	0.1	0.0020	**< 0.040**	0.040	0.1	0.0020	**< 0.040**	0.040	0.1	0.0020
	01-Sep-2013	**0.067**	0.0494	1	0.0670	**0.1** [#1]	0.0494	1	0.1000	**< 0.0494**	0.0494	0.1	0.0025	**0.085** [#1]	0.0494	0.1	0.0085	**0.057** [#1]	0.0494	0.1	0.0057
	21-Sep-2014	**0.059** [#1]	0.0574	1	0.0590	**0.079**	0.0574	1	0.0790	**< 0.0574**	0.0574	0.1	0.0029	**0.09**	0.0574	0.1	0.0090	**0.063** [#1]	0.0574	0.1	0.0063
(Replicate A)	21-Sep-2014	**0.097** [#1]	0.0565	1	0.0970	**0.081** [#1]	0.0565	1	0.0810	**< 0.0565**	0.0565	0.1	0.0028	**0.062** [#1]	0.0565	0.1	0.0062	**< 0.0565**	0.0565	0.1	0.0028
(Replicate B)	21-Sep-2014	**< 0.0579**	0.0579	1	0.0290	**0.061** [#1]	0.0579	1	0.0610	**< 0.0579**	0.0579	0.1	0.0029	**< 0.0579**	0.0579	0.1	0.0029	**< 0.0579**	0.0579	0.1	0.0029
	22-Sep-2015	**< 0.055**	0.055	1	0.0275	**< 0.055**	0.055	1	0.0275	**< 0.055**	0.055	0.1	0.0028	**< 0.055**	0.055	0.1	0.0028	**< 0.055**	0.055	0.1	0.0028
	30-Aug-2016	**< 0.0563**	0.0563	1	0.0282	**< 0.0563**	0.0563	1	0.0282	**< 0.0563**	0.0563	0.1	0.0028	**< 0.0563**	0.0563	0.1	0.0028	**< 0.0563**	0.0563	0.1	0.0028
	13-Sep-2017	**< 0.059**	0.059	1	0.0295	**< 0.059**	0.059	1	0.0295	**< 0.059**	0.059	0.1	0.0030	**< 0.059**	0.059	0.1	0.0030	**< 0.059**	0.059	0.1	0.0030
	30-Aug-2018	**< 0.055**	0.055	1	0.0275	**0.091** [#1]	0.0643	1	0.0910	**< 0.055**	0.055	0.1	0.0028	**< 0.055**	0.055	0.1	0.0028	**< 0.055**	0.055	0.1	0.0028

Dioxin Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997 - 2025)

PROJECT No.: 217085-56230

Sampling Location	Date	2,3,7,8-(TCDD)				1,2,3,7,8-(PeCDD)				1,2,3,4,7,8-(HxCDD)				1,2,3,6,7,8- (HxCDD)				1,2,3,7,8,9-(HxCDD)			
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - Continued																					
(Replicate A)	6-Sep-2019	**< 0.118**	0.118	1	0.0590	**< 0.0577**	0.0577	1	0.0289	**< 0.0577**	0.0577	0.1	0.0029	**0.063** [#1]	0.0577	0.1	0.0063	**< 0.0577**	0.0577	0.1	0.0029
(Replicate B)	6-Sep-2019	**< 0.0567**	0.0567	1	0.0284	**< 0.0567**	0.0567	1	0.0284	**< 0.0567**	0.0567	0.1	0.0028	**0.059** [#1]	0.0567	0.1	0.0059	**< 0.0567**	0.0567	0.1	0.0028
	26-Aug-2020	**< 0.0499**	0.0499	1	0.0250	**< 0.0499**	0.0499	1	0.0250	**< 0.0499**	0.0499	0.1	0.0025	**< 0.0499**	0.0499	0.1	0.0025	**< 0.0499**	0.0499	0.1	0.0025
	30-Sep-2021	**< 0.033**	0.033	1	0.0165	**< 0.038**	0.038	1	0.019	**< 0.033**	0.033	0.1	0.00165	**< 0.037**	0.037	0.1	0.0019	**< 0.038**	0.038	0.1	0.0019
	13-Oct-2022	**0.0331**	0.026	1	0.0331	**0.0447**	0.017	1	0.0447	**< 0.041**	0.041	0.1	0.00205	**0.0715**	0.05	0.1	0.0072	**< 0.043**	0.043	0.1	0.0022
	14-Sep-2023	**< 0.019**	0.019	1	0.0095	**< 0.035**	0.035	1	0.0175	**< 0.042**	0.042	0.1	0.0021	**< 0.042**	0.042	0.1	0.0021	**< 0.044**	0.044	0.1	0.0022
	15-Aug-2024	**0.041**	0.041	1	0.0205	**0.048** [#1]	0.038	1	0.048	**<0.092**	0.092	0.1	0.0046	**<0.096**	0.096	0.1	0.0048	**<0.086**	0.086	0.1	0.0043
Brook Trout 3+	11-Aug-2010	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2011	**< 0.10**	0.1	1	0.0500	**< 0.20**	0.2	1	0.1000	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2012	**< 0.030**	0.030	1	0.0150	**< 0.050**	0.050	1	0.0250	**< 0.050**	0.050	0.1	0.0025	**< 0.050**	0.050	0.1	0.0025	**< 0.050**	0.050	0.1	0.0025
(Replicate A)	01-Sep-2013	**< 0.0466**	0.0466	1	0.0233	**0.06** [#1]	0.0466	1	0.0600	**0.126** [#1]	0.0466	0.1	0.0126	**< 0.0466**	0.0466	0.1	0.0023	**< 0.0466**	0.0466	0.1	0.0023
(Duplicate)	01-Sep-2013	**< 0.0485**	0.0485	1	0.0243	**0.053** [#1]	0.0485	1	0.0530	**< 0.0485**	0.0485	0.1	0.0024	**0.105** [#1]	0.0485	0.1	0.0105	**< 0.0485**	0.0485	0.1	0.0024
(Replicate B)	01-Sep-2013	**< 0.0487**	0.0487	1	0.0244	**< 0.0487**	0.0487	1	0.0244	**< 0.0487**	0.0487	0.1	0.0024	**< 0.0487**	0.0487	0.1	0.0024	**< 0.0487**	0.0487	0.1	0.0024
	21-Sep-2014	**0.061** [#1]	0.0569	1	0.0610	**0.071** [#1]	0.0569	1	0.0710	**< 0.0569**	0.0569	0.1	0.0028	**0.082**	0.0569	0.1	0.0082	**< 0.0569**	0.0569	0.1	0.0028
(Replicate A)	21-Sep-2014	**< 0.0571**	0.0571	1	0.0286	**< 0.0571**	0.0571	1	0.0286	**< 0.0571**	0.0571	0.1	0.0029	**0.165** [#1]	0.0571	0.1	0.0165	**< 0.0571**	0.0571	0.1	0.0029
(Replicate B)	21-Sep-2014	**< 0.0574**	0.0574	1	0.0287	**0.069** [#1]	0.0574	1	0.0690	**< 0.0574**	0.0574	0.1	0.0029	**< 0.0574**	0.0574	0.1	0.0029	**< 0.0574**	0.0574	0.1	0.0029
	22-Sep-2015	**< 0.057**	0.057	1	0.0285	**< 0.057**	0.057	1	0.0285	**< 0.057**	0.057	0.1	0.0029	**< 0.057**	0.057	0.1	0.0029	**< 0.057**	0.057	0.1	0.0029
(Duplicate)	22-Sep-2015	**< 0.0573**	0.0573	1	0.0287	**< 0.0573**	0.0573	1	0.0287	**< 0.0573**	0.0573	0.1	0.0029	**0.062**	0.0573	0.1	0.0062	**< 0.0573**	0.0573	0.1	0.0029
	30-Aug-2016	**< 0.0576**	0.0576	1	0.0288	**< 0.0576**	0.0576	1	0.0288	**< 0.0576**	0.0576	0.1	0.0029	**< 0.0576**	0.0576	0.1	0.0029	**< 0.0576**	0.0576	0.1	0.0029
	13-Sep-2017	**< 0.0594**	0.0594	1	0.0297	**< 0.0594**	0.0594	1	0.0297	**< 0.0594**	0.0594	0.1	0.0030	**0.074** [#1]	0.0594	0.1	0.0074	**< 0.0594**	0.0594	0.1	0.0030
(Duplicate)	13-Sep-2017	**< 0.0551**	0.0551	1	0.0276	**0.062** [#1]	0.0551	1	0.0620	**< 0.0551**	0.0551	0.1	0.0028	**< 0.0551**	0.0551	0.1	0.0028	**< 0.0551**	0.0551	0.1	0.0028
	30-Aug-2018	**< 0.0569**	0.0569	1	0.0285	**0.094**	0.0569	1	0.0940	**< 0.0569**	0.0569	0.1	0.0028	**< 0.0569**	0.0569	0.1	0.0028	**< 0.0569**	0.0569	0.1	0.0028
	6-Sep-2019	**< 0.058**	0.058	1	0.0290	**0.067** [#1]	0.058	1	0.0670	**< 0.058**	0.058	0.1	0.0029	**0.078**	0.058	0.1	0.0078	**< 0.058**	0.058	0.1	0.0029
(Duplicate)	6-Sep-2019	**< 0.0575**	0.0575	1	0.0288	**0.086**	0.0575	1	0.0860	**< 0.0575**	0.0575	0.1	0.0029	**0.096** [#1]	0.0575	0.1	0.0096	**< 0.0575**	0.0575	0.1	0.0029
	26-Aug-2020	**< 0.0497**	0.0497	1	0.0249	**0.053**	0.0497	1	0.0530	**< 0.0497**	0.0497	0.1	0.0025	**< 0.0497**	0.0497	0.1	0.0025	**< 0.0497**	0.0497	0.1	0.0025
(Duplicate)	26-Aug-2020	**< 0.05**	0.05	1	0.0250	**< 0.05**	0.05	1	0.0250	**< 0.05**	0.05	0.1	0.0025	**< 0.05**	0.05	0.1	0.0025	**< 0.05**	0.05	0.1	0.0025
	30-Sep-2021	**< 0.043**	0.043	1	0.0215	**< 0.067**	0.067	1	0.0335	**< 0.08**	0.08	0.1	0.004	**< 0.084**	0.084	0.1	0.0042	**< 0.06**	0.06	0.1	0.0030
	13-Oct-2022	**< 0.026**	0.026	1	0.0130	**< 0.047**	0.047	1	0.0235	**< 0.052**	0.052	0.1	0.0026	**< 0.052**	0.052	0.1	0.0026	**< 0.049**	0.049	0.1	0.0025
	14-Sep-2023	**< 0.026**	0.026	1	0.0130	**< 0.032**	0.032	1	0.0160	**< 0.036**	0.036	0.1	0.0018	**0.04** [#1]	0.036	0.1	0.0040	**< 0.039**	0.039	0.1	0.0020
(Duplicate)	14-Sep-2023	**0.035** [#1]	0.019	1	0.0350	**0.0672**	0.019	1	0.0672	**< 0.041**	0.041	0.1	0.0021	**0.048** [#1]	0.036	0.1	0.0048	**< 0.042**	0.042	0.1	0.0021
	15-Aug-2024	**<0.054**	0.054	1	0.0270	**0.089**	0.089	1	0.0445	**<0.11**	0.11	0.1	0.0055	**<0.12**	0.12	0.1	0.006	**<0.094**	0.094	0.1	0.0047
Brook Trout 4+	29-Jun-1998	**< 0.5**	0.5	1	0.2500	**< 0.3**	0.3	1	0.1500	**< 0.4**	0.4	0.1	0.0200	**< 0.4**	0.4	0.1	0.0200	**< 0.4**	0.4	0.1	0.0200
	01-Sep-1999	**< 0.1**	0.1	1	0.0500	**< 0.3**	0.3	1	0.1500	**< 0.3**	0.3	0.1	0.0150	**< 0.3**	0.3	0.1	0.0150	**< 0.3**	0.3	0.1	0.0150
	03-Sep-2000	**< 0.21**	0.21	1	0.1050	**< 0.74**	0.74	1	0.3700	**< 0.55**	0.55	0.1	0.0275	**< 0.51**	0.51	0.1	0.0255	**< 0.53**	0.53	0.1	0.0265
(Duplicate)	03-Sep-2000	**< 0.27**	0.27	1	0.1350	**< 0.21**	0.21	1	0.1050	**< 0.49**	0.49	0.1	0.0245	**< 0.52**	0.52	0.1	0.0260	**< 0.51**	0.51	0.1	0.0255
	15-Sep-2004	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
	10-Sep-2005	**< 0.37**	0.37	1	0.1850	**< 0.17**	0.17	1	0.0850	**< 0.18**	0.18	0.1	0.0090	**< 0.16**	0.16	0.1	0.0080	**< 0.16**	0.16	0.1	0.0080
	04-Oct-2006	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2011	**< 0.10**	0.1	1	0.0500	**< 0.20**	0.2	1	0.1000	**< 0.080**	0.08	0.1	0.0040	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2013	**< 0.519**	0.519	1	0.2595	**< 0.376**	0.376	1	0.1880	**< 0.284**	0.284	0.1	0.0142	**< 0.284**	0.284	0.1	0.0142	**< 0.284**	0.284	0.1	0.0142
	21-Sep-2014	**0.092** [#1]	0.0556	1	0.0920	**0.129** [#1]	0.0556	1	0.1290	**< 0.0556**	0.0556	0.1	0.0028	**0.158**	0.0556	0.1	0.0158	**0.075** [#1]	0.0556	0.1	0.0075

Dioxin Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997 - 2025)

PROJECT No.: 217085-56230

Sampling Location	Date	2,3,7,8-(TCDD)				1,2,3,7,8-(PeCDD)				1,2,3,4,7,8-(HxCDD)				1,2,3,6,7,8- (HxCDD)				1,2,3,7,8,9-(HxCDD)			
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - Continued																					
(Replicate A)	23-Sep-2015	**< 0.0562**	0.0562	1	0.0281	**< 0.0562**	0.0562	1	0.0281	**< 0.0562**	0.0562	0.1	0.0028	**< 0.0562**	0.0562	0.1	0.0028	**< 0.0562**	0.0562	0.1	0.0028
(Replicate B)	22-Sep-2015	**< 0.056**	0.056	1	0.0280	**0.067**	0.056	1	0.0670	**< 0.056**	0.056	0.1	0.0028	**0.081** [#1]	0.056	0.1	0.0081	**< 0.056**	0.056	0.1	0.0028
	30-Aug-2016	**< 0.057**	0.057	1	0.0285	**0.062** [#1]	0.057	1	0.0620	**< 0.057**	0.057	0.1	0.0029	**0.074**	0.057	0.1	0.0074	**< 0.057**	0.057	0.1	0.0029
	13-Sep-2017	**< 0.0578**	0.0578	1	0.0289	**< 0.0578**	0.0578	1	0.0289	**< 0.0578**	0.0578	0.1	0.0029	**0.083** [#1]	0.0578	0.1	0.0083	**< 0.0578**	0.0578	0.1	0.0029
	30-Aug-2018	**< 0.0556**	0.0556	1	0.0278	**< 0.0556**	0.0556	1	0.0278	**< 0.0556**	0.0556	0.1	0.0028	**< 0.0556**	0.0556	0.1	0.0028	**< 0.0556**	0.0556	0.1	0.0028
	26-Aug-2020	**< 0.0499**	0.0499	1	0.0250	**< 0.0499**	0.0499	1	0.0250	**< 0.0499**	0.0499	0.1	0.0025	**0.057**	0.0499	0.1	0.0057	**< 0.0499**	0.0499	0.1	0.0025
	14-Sep-2023	**< 0.011**	0.011	1	0.0055	**0.031** [#1]	0.018	1	0.0310	**< 0.034**	0.034	0.1	0.0017	**0.048** [#1]	0.034	0.1	0.0048	**< 0.035**	0.035	0.1	0.0018
	15-Aug-2024	**<0.062**	0.062	1	0.0310	**<0.086**	0.086	1	0.0430	**<0.083**	0.083	0.1	0.0042	**0.087**	0.087	0.1	0.0044	**<0.072**	0.072	0.1	0.0036
Brook Trout 5+	26-Sep-2001	**< 0.05**	0.05	1	0.0250	**< 0.1**	0.1	1	0.0500	**< 0.05**	0.05	0.1	0.0025	**< 0.05**	0.05	0.1	0.0025	**< 0.05**	0.05	0.1	0.0025
	15-Sep-2004	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
	10-Sep-2005	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
	04-Oct-2006	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2011	**< 0.10**	0.1	1	0.0500	**< 0.30**	0.3	1	0.1500	**< 0.10**	0.1	0.1	0.0050	**< 0.20**	0.2	0.1	0.0100	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2013	**< 0.124**	0.124	1	0.0620	**0.084** [#1]	0.0538	1	0.0840	**< 0.0463**	0.0463	0.1	0.0023	**0.086** [#1]	0.0463	0.1	0.0086	**< 0.0463**	0.0463	0.1	0.0023
	21-Sep-2014	**< 0.057**	0.057	1	0.0285	**0.069** [#1]	0.057	1	0.0690	**< 0.057**	0.057	0.1	0.0029	**0.087**	0.057	0.1	0.0087	**< 0.057**	0.057	0.1	0.0029
	30-Aug-2016	**0.076** [#1]	0.057	1	0.0760	**0.106**	0.057	1	0.1060	**< 0.057**	0.057	0.1	0.0029	**0.165**	0.057	0.1	0.0165	**< 0.057**	0.057	0.1	0.0029
	30-Sep-2021	**< 0.056**	0.056	1	0.0280	**< 0.092**	0.092	1	0.0460	**< 0.093**	0.093	0.1	0.0047	**0.0703**	0.067	0.1	0.00703	**< 0.088**	0.088	0.1	0.0044
	15-Aug-2024	**<0.0392**	0.032	1	0.0392	**0.072**[#1]	0.057	1	0.0720	**<0.092**	0.092	0.1	0.0046	**0.1**	0.1	0.1	0.005	**<0.1**	0.1	0.1	0.005
Brook Trout 6+	14-Sep-2023	**0.032** [#1]	0.015	1	0.0320	**0.052** [#1]	0.032	1	0.0520	**< 0.037**	0.037	0.1	0.0019	**0.063** [#1]	0.037	0.1	0.0063	**< 0.04**	0.04	0.1	0.0020
Brook Trout 7+	10-Sep-2003	**< 0.2**	0.2	1	0.1000	**< 0.1**	0.1	1	0.0500	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
Brook Trout 8+	10-Sep-2002	**< 0.3**	0.3	1	0.1500	**< 0.5**	0.5	1	0.2500	**< 0.5**	0.5	0.1	0.0250	**< 0.6**	0.6	0.1	0.0300	**< 0.5**	0.5	0.1	0.0250
Brook Trout 11+	11-Sep-2007	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
Brook Trout 12+	11-Sep-2007	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
Brook Trout Unknown	23-Jul-2008	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**0.22**	0.1	0.1	0.0220	**0.24**	0.6	0.1	0.0240	**0.23**	0.1	0.1	0.0230
(Replicate A)	23-Jul-2008	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10** [#1]	0.1	0.1	0.0050	**0.13**	0.1	0.1	0.0130	**< 0.10** [#1]	0.1	0.1	0.0050
(Replicate B)	23-Jul-2008	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10** [#1]	0.1	0.1	0.0050	**0.11**	0.1	0.1	0.0110	**< 0.10**	0.1	0.1	0.0050
(Replicate C)	23-Jul-2008	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	1	0.0500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0100	**< 0.10**	0.1	0.1	0.0050

NOTES: 1. --- in guideline row(s) denotes no criteria for that parameter.
2. --- in detail data row(s) denotes parameter not analyzed.
3. Highlighting indicates parameters above applied guideline/criteria.
4. Superscript [#1] - Result does not meet all quantification criteria and value denotes the estimated maximum possible concentration (EMPC)

Dioxin Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997 - 2025)

PROJECT No.: 217085-56230

Sampling Location	Date	1,2,3,4,6,7,8-(HpCDD)				1,2,3,4,6,7,8,9-(OCDD)				Total Dioxin TEQ
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	**0.71**
Hatchery										
Brook Trout 0+	24-Jun-1997	**< 0.6**	0.6	0.01	0.0030	**4.5**	0.6	0.0003	0.0014	**0.1844**
	25-Jun-1998	**< 0.9**	0.9	0.01	0.0045	**6.8**	1.2	0.0003	0.0020	**0.4165**
	01-Sep-1999	**< 0.4**	0.4	0.01	0.0020	**< 0.6**	0.6	0.0003	0.0001	**0.3671**
	09-Sep-2001	**0.6**	0.1	0.01	0.0060	**2**	0.2	0.0003	0.0006	**0.5466**
	10-Sep-2002	**< 1.6**	1.6	0.01	0.0080	**< 4.7**	4.7	0.0003	0.0007	**0.5487**
	5-Sep-2003	**<0.3**	0.3	0.01	0.0015	**<0.7**	0.7	0.0003	0.0001	**0.1666**
	9-Sep-2004	**<0.10**	0.1	0.01	0.0005	**<0.20**	0.2	0.0003	0.00003	**0.1705**
	10-Sep-2005	**0.59**	0.1	0.01	0.0059	**<0.1**	0.1	0.0003	0.00002	**0.1209**
	04-Oct-2006	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	**0.1155**
	11-Sep-2007	**0.27**	0.1	0.01	0.0027	**2.4**	0.1	0.0003	0.0007	**0.1184**
	23-Jul-2008	**< 0.10**	0.1	0.01	0.0005	**0.43**	0.1	0.0003	0.0001	**0.1156**
(Duplicate)	23-Jul-2008	**< 0.10**	0.1	0.01	0.0005	**0.4**	0.1	0.0003	0.00002	**0.1155**
	11-Aug-2009	**< 0.10**	0.1	0.01	0.0005	**< 0.20**	0.2	0.0003	0.00003	**0.4655**
	11-Aug-2010	**< 0.10**	0.1	0.01	0.0005	**0.20** [#1]	0.1	0.0003	0.0001	**0.1656**
	01-Sep-2011	**< 0.20**	0.2	0.01	0.0010	**1.41**	0.2	0.0003	0.0004	**0.2314**
	01-Sep-2012	**< 0.070**	0.070	0.01	0.0004	**< 0.10**	0.1	0.0003	0.00002	**0.0954**
	01-Sep-2013	**0.118** [#1]	0.0488	0.01	0.0012	**0.265**	0.0488	0.0003	0.0001	**0.1020**
	21-Sep-2014	**< 0.0568**	0.0568	0.01	0.0003	**0.081** [#1]	0.0568	0.0003	0.00002	**0.0656**
	22-Sep-2015	**0.057**	0.0563	0.01	0.0006	**0.177** [#1]	0.0563	0.0003	0.0001	**0.0654**
	30-Aug-2016	**< 0.0551**	0.0551	0.01	0.0003	**0.147**	0.0551	0.0003	0.00004	**0.0637**
	30-Aug-2018	**< 0.0566**	0.0566	0.01	0.0003	**0.068** [#1]	0.0566	0.0003	0.00002	**0.0654**
	6-Sep-2019	**< 0.0574**	0.0574	0.01	0.0003	**0.207** [#1]	0.0574	0.0003	0.00006	**0.0664**
	26-Aug-2020	**< 0.0496**	0.0496	0.01	0.0002	**0.051**	0.0496	0.0003	0.00002	**0.0573**
	29-Sep-2021	**0.0708**	0.064	0.01	0.000708	**0.184**	0.13	0.0003	0.0000552	**0.0546**
	13-Oct-2022	**0.0501**	0.04	0.01	0.000501	**0.066** [#1]	0.054	0.0003	0.0000198	**0.0404**
	15-Aug-2024	**< 0.17**	0.17	0.01	0.00085	**< 0.4**	0.4	0.0003	0.00006	**0.1317**
	24-Sep-2025	**0.198**[#1]	0.022	0.01	0.00198	**0.711**	0.047	0.0003	0.0002133	**0.0407**
Brook Trout 1+	13-Sep-2017	**<0.059**	0.059	0.01	0.0003	**0.16**	0.059	0.0003	0.00005	**0.1087**
Chrystina Lake										
Brook Trout 1+	11-Aug-2009	**< 0.20**	0.2	0.01	0.0010	**< 0.20**	0.2	0.0003	0.00003	**0.4160**
	01-Sep-2011	**< 0.20**	0.2	0.01	0.0010	**< 0.30**	0.3	0.0003	0.00005	**0.2310**
	01-Sep-2012	**0.510**	0.050	0.01	0.0051	**< 0.070**	0.07	0.0003	0.00001	**0.0686**
(Replicate A)	01-Sep-2013	**0.232**	0.193	0.01	0.0023	**0.699**	0.193	0.0003	0.0002	**0.2245**
(Replicate B)	01-Sep-2013	**0.086** [#1]	0.0722	0.01	0.0009	**0.155** [#1]	0.0722	0.0003	0.0000	**0.0839**
	23-Sep-2015	**0.08**	0.0567	0.01	0.0008	**0.262**	0.0567	0.0003	0.0001	**0.0661**
	31-Aug-2016	**0.082**	0.0554	0.01	0.0008	**0.251**	0.0554	0.0003	0.0001	**0.0646**
	12-Sep-2017	**<0.056**	0.056	0.01	0.0003	**0.099** [#1]	0.056	0.0003	0.00003	**0.0647**
	29-Aug-2018	**0.069** [#1]	0.056	0.01	0.0007	**< 0.056**	0.056	0.0003	0.00001	**0.1121**
(Replicate A)	5-Sep-2019	**0.097** [#1]	0.057	0.01	0.0010	**0.099** [#1]	0.057	0.0003	0.00003	**0.1130**
(Replicate B)	5-Sep-2019	**0.073**	0.0573	0.01	0.0007	**0.263**	0.0573	0.0003	0.00008	**0.1051**
	25-Aug-2020	**0.056** [#1]	0.05	0.01	0.0006	**0.082**	0.05	0.0003	0.00002	**0.1011**
	29-Sep-2021	**0.066** [#1]	0.044	0.01	0.0007	**0.092** [#1]	0.081	0.0003	0.0000276	**0.0618**
	29-Sep-2021	**0.0712**	0.042	0.01	0.0007	**0.13** [#1]	0.1	0.0003	0.000039	**0.0384**
	12-Oct-2022	**0.092** [#1]	0.015	0.01	0.0009	**0.11**	0.062	0.0003	0.000033	**0.0397**
	13-Sep-2023	**0.0978**	0.022	0.01	0.0010	**0.13** [#1]	0.027	0.0003	0.000039	**0.0985**
	14-Aug-2024	**0.14**	0.14	0.01	0.0007	**0.2**	0.2	0.0003	0.00003	**0.0951**
(Lab Duplicate)	14-Aug-2024	**0.21**	0.21	0.01	0.0011	**0.4**	0.4	0.0003	0.00006	**0.1078**

Dioxin Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997 - 2025)

PROJECT No.: 217085-56230

Sampling Location	Date	1,2,3,4,6,7,8-(HpCDD)				1,2,3,4,6,7,8,9-(OCDD)				Total Dioxin TEQ
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	**0.71**
Chrystina Lake - Continued										
	24-Sep-2025	**0.22**	0.03	0.01	0.0022	**0.813**	0.12	0.0003	0.0002439	**0.0543**
Brook Trout 2+	05-Oct-1995	**< 8.3**	8.3	0.01	0.0415	**< 8.4**	8.4	0.0003	0.0013	**6.0528**
	26-Jun-1997	**0.2**	0.1	0.01	0.0020	**0.8**	0.2	0.0003	0.0002	**0.1172**
	11-Aug-2009	**< 0.10**	0.1	0.01	0.0005	**< 0.20**	0.2	0.0003	0.00003	**0.3155**
	11-Aug-2010	**< 0.10**	0.1	0.01	0.0005	**0.40**	0.1	0.0003	0.0001	**0.1156**
	01-Sep-2011	**< 0.10**	0.1	0.01	0.0005	**< 0.20**	0.2	0.0003	0.00003	**0.2590**
	01-Sep-2012	**< 0.060**	0.060	0.01	0.0003	**0.840**	0.84	0.0003	0.0003	**0.0636**
	01-Sep-2013	**0.083** [#1]	0.0489	0.01	0.0008	**0.148** [#1]	0.0489	0.0003	0.00004	**0.0884**
	22-Sep-2014	**0.147** [#1]	0.0579	0.01	0.0015	**0.131** [#1]	0.0579	0.0003	0.00004	**0.0681**
(Replicate A)	22-Sep-2014	**< 0.0819**	0.0819	0.01	0.0004	**0.094** [#1]	0.0573	0.0003	0.00003	**0.0663**
(Replicate B)	22-Sep-2014	**< 0.105**	0.105	0.01	0.0005	**0.107**	0.056	0.0003	0.00003	**0.0650**
	23-Sep-2015	**0.099**	0.0567	0.01	0.0010	**0.094** [#1]	0.0567	0.0003	0.00003	**0.0662**
	31-Aug-2016	**0.086**	0.0557	0.01	0.0009	**0.078** [#1]	0.0557	0.0003	0.00002	**0.0649**
	12-Sep-2017	**0.061** [#1]	0.0582	0.01	0.0006	**0.063** [#1]	0.0582	0.0003	0.00002	**0.0676**
(Replicate A)	12-Sep-2017	**< 0.058**	0.058	0.01	0.0003	**0.08** [#1]	0.058	0.0003	0.00002	**0.0670**
	29-Aug-2018	**< 0.056**	0.056	0.01	0.0003	**0.058** [#1]	0.056	0.0003	0.00002	**0.1217**
(Replicate A)	5-Sep-2019	**< 0.0549**	0.0549	0.01	0.0003	**0.071** [#1]	0.0549	0.0003	0.00002	**0.0634**
(Replicate B)	5-Sep-2019	**< 0.0579**	0.0579	0.01	0.0003	**< 0.0857**	0.0857	0.0003	0.00001	**0.1079**
	25-Aug-2020	**< 0.0498**	0.0498	0.01	0.0002	**0.053**	0.0498	0.0003	0.00002	**0.0575**
	25-Aug-2020	**< 0.0497**	0.0497	0.01	0.0002	*0.052*	0.0497	0.0003	0.00002	**0.0574**
	29-Sep-2021	**0.0773**	0.051	0.01	0.000773	**< 0.19**	0.19	0.0003	0.0000285	**0.0455**
	12-Oct-2022	**0.077** [#1]	0.045	0.01	0.00077	**0.257**	0.13	0.0003	0.0000771	**0.0639**
	13-Sep-2023	**0.1** [#1]	0.016	0.01	0.001	**0.084** [#1]	0.029	0.0003	0.0000252	**0.0265**
	14-Aug-2024	**< 0.091**	0.091	0.01	0.000455	**< 0.18**	0.18	0.0003	0.000027	**0.0569**
(Replicate A)	24-Sep-2025	**< 0.039**	0.039	0.01	0.000195	**0.48**[#1]	0.15	0.0003	0.000144	**0.0384**
(Replicate B)	24-Sep-2025	**0.114**[#1]	0.051	0.01	0.00114	**0.671**[#1]	0.047	0.0003	0.0002013	**0.0728**
Brook Trout 3+	25-Jun-1997	**0.4**	0.2	0.01	0.0040	**1.7**	0.3	0.0003	0.0005	**0.1245**
	04-Sep-2000	**< 0.6**	0.6	0.01	0.0030	**2.2**	0.49	0.0003	0.0007	**0.7132**
	04-Oct-2006	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	**0.1155**
	11-Aug-2010	**0.18** [#1]	0.1	0.01	0.0018	**0.70**	0.1	0.0003	0.00021	**0.2670**
(Duplicate)	11-Aug-2010	**< 0.10**	0.1	0.01	0.0005	**0.40** [#1]	0.1	0.0003	0.0001	**0.1156**
(Replicate A)	01-Sep-2012	**0.840**	0.080	0.01	0.0084	**1.02**	1.02	0.0003	0.0003	**0.1022**
(Duplicate)	01-Sep-2012	**< 0.080**	0.080	0.01	0.0004	**< 0.10**	0.1	0.0003	0.00002	**0.0964**
(Replicate B)	01-Sep-2012	**< 0.090**	0.090	0.01	0.0005	**2.06**	2.06	0.0003	0.0006	**0.1036**
(Replicate C)	01-Sep-2013	**0.074** [#1]	0.0644	0.01	0.0007	**0.096** [#1]	0.0718	0.0003	0.00003	**0.0748**
(Replicate D)	01-Sep-2013	**< 0.0651**	0.0651	0.01	0.0003	**0.162**	0.0651	0.0003	0.00005	**0.0752**
	22-Sep-2014	**< 0.102**	0.102	0.01	0.0005	**0.099**	0.0578	0.0003	0.00003	**0.0670**
(Duplicate)	22-Sep-2014	**0.074** [#1]	0.0637	0.01	0.0007	**0.134** [#1]	0.056	0.0003	0.00004	**0.0652**
(Replicate A)	22-Sep-2014	**< 0.0619**	0.0619	0.01	0.0003	**0.088** [#1]	0.0567	0.0003	0.00003	**0.1032**
(Replicate B)	22-Sep-2014	**< 0.0574**	0.0574	0.01	0.0003	**0.075** [#1]	0.0574	0.0003	0.00002	**0.0663**
	23-Sep-2015	**0.067**	0.0572	0.01	0.0007	**0.227**	0.0572	0.0003	0.0001	**0.0665**
	31-Aug-2016	**0.086**	0.0551	0.01	0.0009	**0.081**	0.0551	0.0003	0.00002	**0.0642**
(Duplicate)	31-Aug-2016	**0.086** [#1]	0.0561	0.01	0.0009	**0.093**	0.0561	0.0003	0.00003	**0.0654**
(Replicate A)	31-Aug-2016	**0.187**	0.0546	0.01	0.0019	**0.234**	0.0546	0.0003	0.0001	**0.0715**
	12-Sep-2017	**< 0.0559**	0.0559	0.01	0.0003	**< 0.0559**	0.0559	0.0003	0.00001	**0.0646**

Dioxin Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997 - 2025)

PROJECT No.: 217085-56230

Sampling Location	Date	1,2,3,4,6,7,8-(HpCDD)				1,2,3,4,6,7,8,9-(OCDD)				Total Dioxin TEQ
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	**0.71**
Chrystina Lake - Continued										
(Duplicate)	12-Sep-2017	**< 0.0588**	0.0588	0.01	0.0003	**< 0.0588**	0.0588	0.0003	0.00001	**0.0679**
	29-Aug-2018	**0.057**	0.0493	0.01	0.0006	**< 0.0493**	0.0493	0.0003	0.00001	**0.0573**
(Duplicate)	29-Aug-2018	**< 0.0548**	0.0548	0.01	0.0003	**< 0.0548**	0.0548	0.0003	0.00001	**0.0633**
(Duplicate)	29-Aug-2018	**< 0.0548**	0.0548	0.01	0.0003	**< 0.0548**	0.0548	0.0003	0.00001	**0.0641**
	5-Sep-2019	**< 0.0556**	0.0556	0.01	0.0003	**0.084** [#1]	0.0556	0.0003	0.00003	**0.0727**
(Lab - Duplicate)	5-Sep-2019	**< 0.0575**	0.0575	0.01	0.0003	**0.065**	0.0575	0.0003	0.00002	**0.0665**
	29-Sep-2021	**0.102**	0.047	0.01	0.0010	**< 0.22**	0.22	0.0003	0.000033	**0.0605**
	29-Sep-2021	**0.0935**	0.057	0.01	0.0009	**0.71**	0.18	0.0003	0.000213	**0.0836**
	12-Oct-2022	**0.0686**	0.041	0.01	0.0007	**< 0.084**	0.084	0.0003	0.0000126	**0.0424**
	13-Sep-2023	**0.0746**	0.019	0.01	0.0007	**0.092** [#1]	0.027	0.0003	0.0000276	**0.0422**
(Lab - Duplicate)	13-Sep-2023	**0.11** [#1]	0.024	0.01	0.0011	**0.079** [#1]	0.041	0.0003	0.0000237	**0.0306**
	14-Aug-2024	**0.065**[#1]	0.05	0.01	0.0007	**< 0.32**	0.32	0.0003	0.000048	**0.0606**
(Duplicate)	14-Aug-2024	**0.13**	0.13	0.01	0.0007	**< 0.29**	0.29	0.0003	0.0000435	**0.0669**
(Replicate A)	24-Sep-2025	**< 0.19**	0.19	0.01	0.0010	**1.19**	0.052	0.0003	0.000357	**0.0421**
(Duplicate)	24-Sep-2025	**0.173**[#1]	0.025	0.01	0.0017	**0.607**[#1]	0.036	0.0003	0.0001821	**0.1233**
(Replicate B)	24-Sep-2025	**< 0.17**	0.17	0.01	0.0009	**0.632**[#1]	0.064	0.0003	0.0001896	**0.0386**
Brook Trout 4+	27-Jun-1998	**< 0.9**	0.9	0.01	0.0045	**7.0**	1.1	0.0003	0.0021	**0.3166**
	01-Sep-1999	**< 0.4**	0.4	0.01	0.0020	**2.3**	0.7	0.0003	0.0007	**0.3327**
	10-Sep-2001	**< 0.1**	0.1	0.01	0.0005	**1.5**	0.1	0.0003	0.0005	**0.1410**
	04-Oct-2006	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	**0.1155**
(Duplicate)	04-Oct-2006	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	**0.1155**
	01-Sep-2011	**< 0.20**	0.2	0.01	0.0010	**< 0.20**	0.2	0.0003	0.00003	**0.2760**
	01-Sep-2013	**0.086** [#1]	0.0496	0.01	0.0009	**0.361**	0.0496	0.0003	0.0001	**0.1090**
	22-Sep-2014	**0.122** [#1]	0.0629	0.01	0.0012	**0.188**	0.0574	0.0003	0.0001	**0.1567**
	23-Sep-2015	**0.071** [#1]	0.0557	0.01	0.0007	**0.155**	0.0557	0.0003	0.00005	**0.0648**
(Replicate A)	23-Sep-2015	**0.074**	0.0562	0.01	0.0007	**0.157**	0.0562	0.0003	0.00005	**0.0654**
	12-Sep-17	**< 0.0582**	0.0582	0.01	0.0003	**< 0.0582**	0.0582	0.0003	0.00001	**0.1041**
(Replicate A)	29-Aug-18	**< 0.0561**	0.0561	0.01	0.0003	**< 0.0561**	0.0561	0.0003	0.00001	**0.0648**
(Replicate B)	29-Aug-18	**0.072**	0.0558	0.01	0.0007	**< 0.0558**	0.0558	0.0003	0.00001	**0.1045**
(Replicate C)	29-Aug-18	**< 0.121**	0.121	0.01	0.0006	**< 0.105**	0.105	0.0003	0.00002	**0.1029**
	25-Aug-20	**< 0.0496**	0.0496	0.01	0.0002	**< 0.0496**	0.0496	0.0003	0.00001	**0.0573**
	29-Sep-2021	**0.086** [#1]	0.049	0.01	0.00074	**0.323**	0.029	0.0003	0.0000969	**0.0478**
	24-Sep-2025	**< 0.58**	0.58	0.01	0.0029	**< 1.2**	1.2	0.0003	0.00018	**0.1781**
Brook Trout 5+	05-Oct-1995	**< 8.5**	8.5	0.01	0.0425	**< 9.4**	9.4	0.0003	0.0014	**5.3639**
	01-Sep-1999	**< 0.4**	0.4	0.01	0.0020	**0.7**	0.5	0.0003	0.0002	**0.2272**
	04-Sep-2000	**< 0.55**	0.55	0.01	0.0028	**2.2**	0.47	0.0003	0.0007	**0.6199**
	10-Sep-2002	**< 1.4**	1.4	0.01	0.0070	**< 2.7**	2.7	0.0003	0.0004	**0.4624**
	07-Sep-2003	**< 0.4**	0.4	0.01	0.0020	**< 0.9**	0.9	0.0003	0.0001	**0.1771**
	12-Sep-2004	**< 0.1**	0.1	0.01	0.0005	**< 0.2**	0.2	0.0003	0.00003	**0.1155**
	10-Sep-2005	**0.59**	0.1	0.01	0.0059	**< 0.1**	0.1	0.0003	0.00002	**0.1209**
	04-Oct-2006	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	**0.1155**
	11-Sep-2007	**< 0.10**	0.1	0.01	0.0005	**0.76**	0.1	0.0003	0.0002	**0.1157**
	01-Sep-2013	**0.083** [#1]	0.0712	0.01	0.0008	**0.176** [#1]	0.0712	0.0003	0.0001	**0.1222**

Dioxin Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997 - 2025)

PROJECT No.: 217085-56230

Sampling Location	Date	1,2,3,4,6,7,8-(HpCDD)				1,2,3,4,6,7,8,9-(OCDD)				Total Dioxin TEQ
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	**0.71**
Chrystina Lake - Continued										
	23-Sep-2015	**0.061**	0.0572	0.01	0.0006	**0.068** [#1]	0.0572	0.0003	0.00002	**0.0664**
	31-Aug-2016	**0.088**	0.0564	0.01	0.0009	**0.117**	0.0564	0.0003	0.00004	**0.0658**
	12-Sep-2017	**0.077** [#1]	0.058	0.01	0.0008	**0.11** [#1]	0.058	0.0003	0.00003	**0.0675**
	29-Sep-2021	**0.0932**	0.046	0.01	0.000932	**0.14** [#1]	0.09	0.0003	0.000042	**0.0525**
Brook Trout 6+	27-Jun-1998	**< 1.0**	1	0.01	0.0050	**8.3**	1	0.0003	0.0025	**0.4325**
	11-Sep-2001	**< 0.1**	0.1	0.01	0.0005	**2.1**	0.2	0.0003	0.0006	**0.1161**
	10-Sep-2005	**< 0.1**	0.1	0.01	0.0005	**< 0.1**	0.1	0.0003	0.00002	**0.1155**
(Duplicate)	10-Sep-2005	**< 0.1**	0.1	0.01	0.0005	**< 0.1**	0.1	0.0003	0.00002	**0.1155**
	11-Sep-2007	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	**0.1655**
Brook Trout 7+	10-Sep-2002	**< 1.4**	1.4	0.01	0.0070	**< 2.7**	2.7	0.0003	0.0004	**0.4724**
(Duplicate)	10-Sep-2002	**< 1.4**	1.4	0.01	0.0070	**< 4.2**	4.2	0.0003	0.0006	**0.3826**
	06-Sep-2003	**< 0.3**	0.3	0.01	0.0015	**< 0.60**	0.6	0.0003	0.0001	**0.1666**
(Duplicate)	06-Sep-2003	**< 0.2**	0.2	0.01	0.0010	**< 0.60**	0.6	0.0003	0.0001	**0.1161**
	12-Sep-2004	**< 0.1**	0.1	0.01	0.0005	**< 0.1**	0.1	0.0003	0.00002	**0.1155**
(Duplicate)	12-Sep-2004	**< 0.1**	0.1	0.01	0.0005	**< 0.5**	0.5	0.0003	0.0001	**0.1656**
	10-Sep-2005	**< 0.1**	0.1	0.01	0.0005	**< 0.1**	0.1	0.0003	0.00002	**0.1155**
	11-Sep-2007	**0.19**	0.1	0.01	0.0019	**1.0**	0.1	0.0003	0.0003	**0.1172**
(Duplicate)	11-Sep-2007	**0.16**	0.1	0.01	0.0016	**1.2**	0.1	0.0003	0.0004	**0.1170**
Brook Trout 9+	12-Sep-2004	**< 0.1**	0.1	0.01	0.0005	**0.4**	0.2	0.0003	0.0001	**0.1156**
Brook Trout 11+	11-Sep-2007	**< 0.10**	0.1	0.01	0.0005	**1.6**	0.1	0.0003	0.0005	**0.1660**
Brook Trout 12+	11-Sep-2007	**0.21**	0.1	0.01	0.0021	**1.3**	0.1	0.0003	0.0004	**0.1175**
Brook Trout Unknown	23-Jul-2008	**< 0.10**	0.1	0.01	0.0000	**0.55**	0.1	0.0003	0.0002	**0.1152**
(Replicate)	23-Jul-2008	**< 0.10**	0.1	0.01	0.0005	**0.50**	0.1	0.0003	0.0002	**0.1157**
(Replicate A)	23-Jul-2008	**< 0.20**	0.2	0.01	0.0005	**0.89**	0.1	0.0003	0.0003	**0.2158**
(Replicate B)	23-Jul-2008	**< 0.10**	0.1	0.01	0.0005	**0.84**	0.1	0.0003	0.0003	**0.1578**
(Replicate C)	23-Jul-2008	**< 0.20**	0.2	0.01	0.0010	**0.98**	0.1	0.0003	0.0003	**0.1163**
	12-Oct-2022	**0.0546**	0.024	0.01	0.0005	**0.068** [#1]	0.038	0.0003	0.00002	**0.0349**
(Replicate A)	13-Sep-2023	**0.098** [#1]	0.031	0.01	0.0010	**0.111**	0.06	0.0003	0.00003	**0.0748**
(Replicate B)	13-Sep-2023	**0.0727**	0.013	0.01	0.0007	**0.071** [#1]	0.027	0.0003	0.00002	**0.0304**
(Replicate A)	14-Aug-2024	**<0.094**	0.094	0.01	0.0005	**< 0.48**	0.48	0.0003	0.00007	**0.0963**
(Replicate B)	14-Aug-2024	**0.0884**	0.069	0.01	0.0009	**< 0.14**	0.14	0.0003	0.00002	**0.0601**
(Replicate C)	14-Aug-2024	**0.13**	0.13	0.01	0.0007	**0.48**	0.48	0.0003	0.00007	**0.0660**
	24-Sep-2025	**< 0.12**	0.12	0.01	0.0006	**< 0.31**	0.31	0.0003	0.00005	**0.2111**
White Sucker 1+	21-Sep-2014	**< 0.0579**	0.0579	0.01	0.0003	**0.067** [#1]	0.0579	0.0003	0.00002	**0.0669**
White Sucker 2+	22-Sep-2014	**< 0.0573**	0.0573	0.01	0.0003	**0.077** [#1]	0.0573	0.0003	0.00002	**0.0662**
White Sucker 5+	25-Jun-1997	**< 0.2**	0.2	0.01	0.0010	**< 0.7**	0.7	0.0003	0.0001	**0.1161**
White Sucker 6+	24-Jun-1997	**0.2**	0.1	0.01	0.0020	**1.8**	0.3	0.0003	0.0005	**0.1175**
	25-Jun-1998	**< 1.2**	1.2	0.01	0.0060	**7.1**	1.9	0.0003	0.0021	**0.3181**
	12-Sep-2004	**< 0.1**	0.1	0.01	0.0005	**< 0.3**	0.3	0.0003	0.00005	**0.1155**
	11-Sep-2007	**0.14**	0.1	0.01	0.0014	**1.2**	0.1	0.0003	0.0004	**0.1168**

Dioxin Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997 - 2025)

PROJECT No.: 217085-56230

Sampling Location	Date	1,2,3,4,6,7,8-(HpCDD)				1,2,3,4,6,7,8,9-(OCDD)				Total Dioxin TEQ
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	**0.71**
Chrystina Lake - Continued										
White Sucker 7+	11-Sep-2007	**0.12**	0.1	0.01	0.0012	**1.7**	0.1	0.0003	0.0005	**0.1167**
White Sucker 8+	27-Jun-1998	**1.5**	0.7	0.01	0.0150	**16.0**	1.5	0.0003	0.0048	**0.5298**
	11-Sep-2007	**0.28**	0.1	0.01	0.0028	**3.4**	0.1	0.0003	0.0010	**0.1188**
	11-Aug-2009	**< 0.20**	0.2	0.01	0.0010	**< 0.20**	0.2	0.0003	0.00003	**0.3660**
White Sucker 9+	02-Sep-2000	**< 0.41**	0.41	0.01	0.0021	**4.0**	0.47	0.0003	0.0012	**0.6773**
	12-Sep-2004	**< 0.1**	0.1	0.01	0.0005	**0.2**	0.2	0.0003	0.0001	**0.1156**
	11-Sep-2007	**0.31**	0.1	0.01	0.0031	**3.5**	0.1	0.0003	0.0011	**0.1442**
White Sucker 10+	11-Aug-2009	**< 0.10**	0.1	0.01	0.0005	**< 0.20**	0.2	0.0003	0.00003	**0.2655**
White Sucker 11+	12-Sep-2004	**< 0.1**	0.1	0.01	0.0005	**0.4**	0.2	0.0003	0.0001	**0.1156**
Forage Fish	4-Nov-2014	**0.062**	0.0551	0.01	0.0006	**0.157**	0.0551	0.0003	0.00005	**0.0640**
Aquatic Invertebrates	22-Aug-2014	**1.37**	0.281	0.01	0.0137	**4.3**	0.281	0.0003	0.0013	**0.3381**
Edith Lake										
Brook Trout 1+	11-Aug-2009	**0.41**	0.1	0.01	0.0041	**0.77**	0.1	0.0003	0.0002	**0.1693**
	01-Sep-2011	**< 0.30**	0.3	0.01	0.0015	**< 0.20**	0.2	0.0003	0.00003	**0.3915**
(Duplicate)	01-Sep-2011	**< 0.10**	0.1	0.01	0.0005	**< 0.20**	0.2	0.0003	0.00003	**0.0985**
	01-Sep-2012	**< 0.050**	0.050	0.01	0.0003	**0.500**	0.5	0.0003	0.0002	**0.0679**
	22-Sep-2015	**0.065**	0.0559	0.01	0.0007	**0.108** [#1]	0.0559	0.0003	0.00003	**0.0650**
	30-Aug-2016	**0.059** [#1]	0.0548	0.01	0.0006	**0.089**	0.0548	0.0003	0.00003	**0.0636**
	13-Sep-2017	**0.111** [#1]	0.0584	0.01	0.0011	**0.283** [#1]	0.0584	0.0003	0.00008	**0.1982**
	30-Aug-2018	**0.076** [#1]	0.0551	0.01	0.0008	**0.072** [#1]	0.0551	0.0003	0.00002	**0.0641**
(Replicate A)	6-Sep-2019	**0.083** [#1]	0.058	0.01	0.0008	**0.146** [#1]	0.058	0.0003	0.00004	**0.0676**
(Replicate B)	6-Sep-2019	**0.108**	0.0564	0.01	0.0011	**0.259**	0.0564	0.0003	0.00008	**0.1178**
	26-Aug-2020	**0.062**	0.0493	0.01	0.0006	**0.155** [#1]	0.0493	0.0003	0.00005	**0.0574**
	30-Sep-2021	**0.065** [#1]	0.038	0.01	0.0007	**< 0.082**	0.082	0.0003	0.00001	**0.0620**
	13-Oct-2022	**0.0947**	0.033	0.01	0.0009	**0.09** [#1]	0.058	0.0003	0.00003	**0.0567**
	14-Sep-2023	**0.092** [#1]	0.026	0.01	0.0009	**0.081** [#1]	0.027	0.0003	0.00002	**0.0822**
	15-Aug-2024	**0.000495**	0.000495	0.000495	0.0005	**0.35**	0.35	0.0003	0.00005	**0.1755**
Brook Trout 2+	11-Aug-2009	**< 0.10**	0.1	0.01	0.0005	**0.72** [#1]	0.1	0.0003	0.0002	**0.1657**
	11-Aug-2010	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	**0.1655**
	01-Sep-2011	**< 0.10**	0.1	0.01	0.0005	**< 0.20**	0.2	0.0003	0.00003	**0.2150**
	01-Sep-2012	**< 0.040**	0.040	0.01	0.0002	**0.400**	0.4	0.0003	0.0001	**0.0363**
	01-Sep-2013	**0.165** [#1]	0.0494	0.01	0.0017	**0.251**	0.0494	0.0003	0.0001	**0.1854**
	21-Sep-2014	**0.149** [#1]	0.0772	0.01	0.0015	**0.163** [#1]	0.0574	0.0003	0.00005	**0.1577**
(Replicate A)	21-Sep-2014	**0.145** [#1]	0.0565	0.01	0.0015	**0.147** [#1]	0.0565	0.0003	0.00004	**0.1913**
(Replicate B)	21-Sep-2014	**0.092**	0.0579	0.01	0.0009	**0.148**	0.0579	0.0003	0.00004	**0.0996**
	22-Sep-2015	**0.154**	0.055	0.01	0.0015	**0.255**	0.055	0.0003	0.0001	**0.0649**
	30-Aug-2016	**< 0.0563**	0.0563	0.01	0.0003	**0.1**	0.0563	0.0003	0.00003	**0.0651**
	13-Sep-2017	**0.067** [#1]	0.059	0.01	0.0007	**0.069** [#1]	0.059	0.0003	0.00002	**0.0685**
	30-Aug-2018	**0.089** [#1]	0.055	0.01	0.0009	**0.069**	0.055	0.0003	0.00002	**0.1277**

Dioxin Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997 - 2025)

PROJECT No.: 217085-56230

Sampling Location	Date	1,2,3,4,6,7,8-(HpCDD)				1,2,3,4,6,7,8,9-(OCDD)				Total Dioxin TEQ
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	**0.71**
Edith Lake - Continued										
(Replicate A)	6-Sep-2019	**0.108** [#1]	0.0577	0.01	0.0011	**0.156** [#1]	0.0577	0.0003	0.00005	**0.1010**
(Replicate B)	6-Sep-2019	**0.079** [#1]	0.0567	0.01	0.0008	**0.12** [#1]	0.0567	0.0003	0.00004	**0.0691**
	26-Aug-2020	**0.076**	0.0499	0.01	0.0008	**0.127**	0.0499	0.0003	0.00004	**0.0582**
	30-Sep-2021	**0.074** [#1]	0.036	0.01	0.0007	**0.11**	0.049	0.0003	0.00003	**0.0417**
	13-Oct-2022	**0.104**	0.035	0.01	0.0010	**0.07** [#1]	0.053	0.0003	0.00001	**0.0902**
	14-Sep-2023	**0.076** [#1]	0.012	0.01	0.0008	**0.086** [#1]	0.032	0.0003	0.00003	**0.0342**
	15-Aug-2024	**0.13** [#1]	0.084	0.01	0.0013	**<0.43**	0.43	0.0003	0.00006	**0.0836**
Brook Trout 3+	11-Aug-2010	**< 0.10**	0.1	0.01	0.0005	**0.15**	0.1	0.0003	0.00005	**0.1155**
	01-Sep-2011	**< 0.10**	0.1	0.01	0.0005	**1.04** [#1]	0.2	0.0003	0.0003	**0.1658**
	01-Sep-2012	**< 0.050**	0.050	0.01	0.0003	**< 0.080**	0.08	0.0003	0.00001	**0.0478**
(Replicate A)	01-Sep-2013	**0.192** [#1]	0.0466	0.01	0.0019	**0.38** [#1]	0.0466	0.0003	0.0001	**0.1026**
(Duplicate)	01-Sep-2013	**0.163** [#1]	0.0485	0.01	0.0016	**0.138** [#1]	0.0485	0.0003	0.00004	**0.0943**
(Replicate B)	01-Sep-2013	**0.081**	0.0487	0.01	0.0008	**0.151** [#1]	0.0487	0.0003	0.00005	**0.0569**
	21-Sep-2014	**0.096** [#1]	0.0569	0.01	0.0010	**0.155** [#1]	0.0569	0.0003	0.00005	**0.1469**
(Replicate A)	21-Sep-2014	**0.436**	0.079	0.01	0.0044	**0.438**	0.0571	0.0003	0.0001	**0.0838**
(Replicate B)	21-Sep-2014	**0.12** [#1]	0.0639	0.01	0.0012	**0.121** [#1]	0.0574	0.0003	0.00004	**0.1075**
	22-Sep-2015	**0.15**	0.057	0.01	0.0015	**0.087**	0.057	0.0003	0.00003	**0.0671**
(Duplicate)	22-Sep-2015	**0.116**	0.0573	0.01	0.0012	**0.121**	0.0573	0.0003	0.00004	**0.0704**
	30-Aug-2016	**0.06** [#1]	0.0576	0.01	0.0006	**0.084** [#1]	0.0828	0.0003	0.00003	**0.0669**
	13-Sep-2017	**0.154** [#1]	0.0594	0.01	0.0015	**0.145** [#1]	0.0594	0.0003	0.00004	**0.0743**
(Duplicate)	13-Sep-2017	**0.084** [#1]	0.0551	0.01	0.0008	**0.064** [#1]	0.0551	0.0003	0.00002	**0.0987**
	30-Aug-2018	**0.088** [#1]	0.0569	0.01	0.0009	**0.121** [#1]	0.0569	0.0003	0.00004	**0.1319**
	6-Sep-2019	**0.153**	0.058	0.01	0.0015	**0.213** [#1]	0.058	0.0003	0.00006	**0.1112**
(Duplicate)	6-Sep-2019	**0.122** [#1]	0.0575	0.01	0.0012	**0.15**	0.0575	0.0003	0.00005	**0.1314**
	26-Aug-2020	**0.076**	0.0497	0.01	0.0008	**0.103**	0.0497	0.0003	0.00003	**0.0861**
(Duplicate)	26-Aug-2020	**0.07**	0.05	0.01	0.0007	**0.093**	0.05	0.0003	0.00003	**0.0582**
	30-Sep-2021	**0.113**	0.047	0.01	0.00113	**< 0.11**	0.11	0.0003	0.00002	**0.0673**
	13-Oct-2022	**< 0.051**	0.051	0.01	0.000255	**< 0.12**	0.12	0.0003	0.00002	**0.0444**
	14-Sep-2023	**0.1** [#1]	0.014	0.01	0.0010	**0.11** [#1]	0.027	0.0003	0.00003	**0.0378**
(Duplicate)	14-Sep-2023	**0.089** [#1]	0.02	0.01	0.0009	**0.077** [#1]	0.026	0.0003	0.00002	**0.1121**
	15-Aug-2024	**<0.1**	0.1	0.01	0.0005	**<0.47**	0.47	0.0003	0.00007	**0.0883**
Brook Trout 4+	29-Jun-1998	**< 1.0**	1	0.01	0.0050	**12.0**	1.2	0.0003	0.0036	**0.4686**
	01-Sep-1999	**< 0.3**	0.3	0.01	0.0015	**1.3**	0.6	0.0003	0.0004	**0.2469**
	03-Sep-2000	**< 0.34**	0.34	0.01	0.0017	**2.5**	0.62	0.0003	0.0008	**0.5570**
(Duplicate)	03-Sep-2000	**< 0.47**	0.47	0.01	0.0024	**2.6**	0.62	0.0003	0.0008	**0.3191**
	15-Sep-2004	**< 0.1**	0.1	0.01	0.0005	**< 0.3**	0.3	0.0003	0.00005	**0.1155**
	10-Sep-2005	**< 0.22**	0.22	0.01	0.0011	**< 0.37**	0.37	0.0003	0.0001	**0.2962**
	04-Oct-2006	**< 0.10**	0.1	0.01	0.0005	**1.6**	0.1	0.0003	0.0005	**0.1160**
	01-Sep-2011	**< 0.10**	0.1	0.01	0.0005	**< 0.20**	0.2	0.0003	0.00003	**0.1645**
	01-Sep-2013	**0.539** [#1]	0.137	0.01	0.0054	**1.11**	0.253	0.0003	0.0003	**0.4958**
	21-Sep-2014	**0.244**	0.0556	0.01	0.0024	**0.218**	0.0556	0.0003	0.0001	**0.2496**

Dioxin Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997 - 2025)

PROJECT No.: 217085-56230

Sampling Location	Date	1,2,3,4,6,7,8-(HpCDD)				1,2,3,4,6,7,8,9-(OCDD)				Total Dioxin TEQ
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	**0.71**
Edith Lake - Continued										
(Replicate A)	23-Sep-2015	**0.074** [#1]	0.0562	0.01	0.0007	**0.069**	0.0562	0.0003	0.00002	**0.0654**
(Replicate B)	22-Sep-2015	**0.101**	0.056	0.01	0.0010	**0.171**	0.056	0.0003	0.0001	**0.1098**
	30-Aug-2016	**0.133**	0.057	0.01	0.0013	**0.483**	0.057	0.0003	0.0001	**0.1051**
	13-Sep-2017	**0.149** [#1]	0.0578	0.01	0.0015	**< 0.0578**	0.0578	0.0003	0.00001	**0.0734**
	30-Aug-2018	**< 0.0556**	0.0556	0.01	0.0003	**< 0.0556**	0.0556	0.0003	0.00001	**0.0642**
	26-Aug-2020	**0.094**	0.0499	0.01	0.0009	**0.085**	0.0499	0.0003	0.00003	**0.0616**
	14-Sep-2023	**0.11** [#1]	0.012	0.01	0.0011	**0.1** [#1]	0.021	0.0003	0.00003	**0.0459**
	15-Aug-2024	**0.2**	0.2	0.01	0.0010	**0.28**	0.28	0.0003	0.00004	**0.0871**
Brook Trout 5+	26-Sep-2001	**0.4**	0.1	0.01	0.0040	**6.6**	0.1	0.0003	0.0020	**0.0885**
	15-Sep-2004	**< 0.1**	0.1	0.01	0.0005	**< 0.2**	0.2	0.0003	0.00003	**0.1155**
	10-Sep-2005	**< 0.1**	0.1	0.01	0.0005	**< 0.1**	0.1	0.0003	0.00002	**0.1155**
	04-Oct-2006	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	**0.1155**
	01-Sep-2011	**< 0.20**	0.2	0.01	0.0010	**< 0.20**	0.2	0.0003	0.00003	**0.2210**
	01-Sep-2013	**0.417** [#1]	0.0463	0.01	0.0042	**0.218** [#1]	0.0463	0.0003	0.0001	**0.1635**
	21-Sep-2014	**0.146**	0.0579	0.01	0.0015	**0.125**	0.057	0.0003	0.00004	**0.1134**
	30-Aug-2016	**0.151**	0.057	0.01	0.0015	**0.18** [#1]	0.057	0.0003	0.0001	**0.2058**
	30-Sep-2021	**0.2** [#1]	0.045	0.01	0.002	**0.145**	0.13	0.0003	0.0000435	**0.0921**
	15-Aug-2024	**0.18**	0.18	0.01	0.0009	**0.35**	0.35	0.0003	0.0000525	**0.1268**
Brook Trout 6+	14-Sep-2023	**0.092** [#1]	0.037	0.01	0.00092	**0.0883** [#1]	0.032	0.0003	0.00003	**0.0951**
Brook Trout 7+	10-Sep-2003	**< 0.2**	0.2	0.01	0.0010	**< 0.4**	0.4	0.0003	0.0001	**0.1661**
Brook Trout 8+	10-Sep-2002	**< 1.2**	1.2	0.01	0.0060	**< 3.3**	3.3	0.0003	0.0005	**0.4865**
Brook Trout 11+	11-Sep-2007	**< 0.10**	0.1	0.01	0.0005	**1.7**	0.1	0.0003	0.0005	**0.1160**
Brook Trout 12+	11-Sep-2007	**< 0.10**	0.1	0.01	0.0005	**1.2**	0.1	0.0003	0.0004	**0.1159**
Brook Trout Unknown	23-Jul-2008	**0.40**	0.1	0.01	0.0040	**1.5**	0.1	0.0003	0.0005	**0.1735**
(Replicate A)	23-Jul-2008	**0.23**	0.1	0.01	0.0023	**0.77**	0.1	0.0003	0.0002	**0.1255**
(Replicate B)	23-Jul-2008	**< 0.10**	0.1	0.01	0.0005	**0.45**	0.1	0.0003	0.0001	**0.1216**
(Replicate C)	23-Jul-2008	**< 0.10**	0.1	0.01	0.0005	**0.64**	0.1	0.0003	0.0002	**0.1207**

NOTES:

1. --- in guideline row(s) denotes no criteria for that parameter.
2. --- in detail data row(s) denotes parameter not analyzed.
3. Highlighting indicates parameters above applied guideline/criteria.
4. Superscript [#1] - Result does not meet all quantification criteria and value denotes the estimated maximum possible concentration (EMPC)

Table C.5

Furan Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997-2023)

	Date	2,3,7,8-(TCDF)				1,2,3,7,8-(PeCDF)				2,3,4,7,8-(PeCDF)				1,2,3,4,7,8-(HxCDF)				1,2,3,6,7,8-(HxCDF)			
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Hatchery																					
Brook Trout 0+	24-Jun-1997	**< 0.4**	0.4	0.1	0.0200	**< 0.1**	0.1	0.03	0.0015	**< 0.1**	0.1	0.3	0.0150	**< 0.2**	0.2	0.1	0.0100	**< 0.2**	0.2	0.1	0.0100
	25-Jun-1998	**< 0.4**	0.4	0.1	0.0200	**< 0.9**	0.9	0.03	0.0135	**< 1.2**	1.2	0.3	0.1800	**< 0.3**	0.3	0.1	0.0150	**< 0.3**	0.3	0.1	0.0150
	01-Sep-1999	**0.6**	0.3	0.1	0.0600	**< 0.3**	0.3	0.03	0.0045	**< 0.3**	0.3	0.3	0.0450	**< 0.2**	0.2	0.1	0.0100	**< 0.2**	0.2	0.1	0.0100
	09-Sep-2001	**0.5**	0.1	0.1	0.0500	**< 0.1**	0.1	0.03	0.0015	**0.2**	0.1	0.3	0.0600	**0.1**	0.1	0.1	0.0100	**0.1** [#1]	0.1	0.1	0.0100
	10-Sep-2002	**< 0.3**	0.3	0.1	0.0150	**< 0.4**	0.4	0.03	0.0060	**< 0.2**	0.2	0.3	0.0300	**< 0.3**	0.3	0.1	0.0150	**< 0.4**	0.4	0.1	0.0200
	6-Sep-2003	**0.2**	0.1	0.1	0.0200	**< 0.1**	0.1	0.03	0.0015	**< 0.1**	0.1	0.3	0.0150	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
	9-Sep-2004	**1.7**	0.1	0.1	0.1700	**0.2**	0.1	0.03	0.0060	**< 0.1**	0.1	0.3	0.0150	**0.1**	0.1	0.1	0.0100	**0.1**	0.1	0.1	0.0100
	10-Sep-2005	**1.2**	0.1	0.1	0.1200	**< 0.1**	0.1	0.03	0.0015	**0.28**	0.1	0.3	0.0840	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
	04-Oct-2006	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	11-Sep-2007	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	23-Jul-2008	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
(Duplicate)	23-Jul-2008	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	11-Aug-2009	**< 0.60**	0.6	0.1	0.0300	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	11-Aug-2010	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2011	**< 0.080**	0.08	0.1	0.0040	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2012	**< 0.060**	0.06	0.1	0.0030	**< 0.060**	0.060	0.03	0.0009	**< 0.060**	0.060	0.3	0.0090	**< 0.040**	0.040	0.1	0.0020	**< 0.040**	0.040	0.1	0.0020
	01-Sep-2013	**0.139** [#1]	0.0488	0.1	0.0139	**< 0.0488**	0.0488	0.03	0.0007	**0.061** [#1]	0.0488	0.3	0.0183	**< 0.0488**	0.0488	0.1	0.0024	**< 0.0488**	0.0488	0.1	0.0024
	21-Sep-2014	**0.21**	0.116	0.1	0.0210	**< 0.0568**	0.0568	0.03	0.0009	**< 0.0568**	0.0568	0.3	0.0085	**< 0.0568**	0.0568	0.1	0.0028	**< 0.0568**	0.0568	0.1	0.0028
	22-Sep-2015	**0.095** [#1]	0.0563	0.1	0.0095	**< 0.0563**	0.0563	0.03	0.0008	**< 0.0563**	0.0563	0.3	0.0084	**< 0.0563**	0.0563	0.1	0.0028	**< 0.0563**	0.0563	0.1	0.0028
	30-Aug-2016	**0.07**	0.0475	0.1	0.0070	**< 0.0551**	0.0551	0.03	0.0008	**< 0.0551**	0.0551	0.3	0.0083	**< 0.0551**	0.0551	0.1	0.0028	**< 0.0551**	0.0551	0.1	0.0028
	30-Aug-2018	**< 0.0566**	0.0566	0.1	0.0028	**< 0.0566**	0.0566	0.03	0.0008	**< 0.0566**	0.0566	0.3	0.0085	**< 0.0566**	0.0566	0.1	0.0028	**< 0.0566**	0.0566	0.1	0.0028
	6-Sep-2019	**< 0.0574**	0.0574	0.1	0.0029	**< 0.0574**	0.0574	0.03	0.0009	**< 0.0574**	0.0574	0.3	0.0086	**< 0.0574**	0.0574	0.1	0.0029	**< 0.0574**	0.0574	0.1	0.0029
	26-Aug-2020	**< 0.0496**	0.0496	0.1	0.0025	**< 0.0496**	0.0496	0.03	0.0007	**< 0.0496**	0.0496	0.3	0.0074	**< 0.0496**	0.0496	0.1	0.0025	**< 0.0496**	0.0496	0.1	0.0025
	30-Sep-2021	**0.079** [#1]	0.0280	0.1	0.0079	**< 0.038**	0.0380	0.03	0.00057	**< 0.029**	0.0290	0.3	0.00435	**< 0.029**	0.0290	0.1	0.00145	**< 0.031**	0.0310	0.1	0.00155
	13-Oct-2022	**0.4990**	0.0510	0.1	0.0499	**< 0.046**	0.0460	0.03	0.00069	**< 0.04**	0.0400	0.3	0.006	**< 0.022**	0.0220	0.1	0.0011	**< 0.022**	0.0220	0.1	0.0011
	15-Aug-2024	**0.1890**	0.0340	0.1	0.0189	**0.044** [#1]	0.0430	0.03	0.00132	**< 0.073**	0.0730	0.3	0.01095	**< 0.061**	0.0610	0.1	0.00305	**< 0.061**	0.0610	0.1	0.00305
	24-Sep-2025	**< 0.19**	0.1900	0.1	0.0095	**0.0450**	0.0450	0.03	0.000675	**< 0.032**	0.0320	0.3	0.0048	**< 0.04**	0.0400	0.1	0.002	**< 0.039**	0.0390	0.1	0.00195
Brook Trout 1+	13-Sep-2017	**0.107**	0.059	0.1	0.0107	**< 0.059**	0.059	0.03	0.0009	**< 0.059**	0.059	0.3	0.0089	**< 0.059**	0.059	0.1	0.0030	**< 0.059**	0.059	0.1	0.0030
Chrystina Lake																					
Brook Trout 1+	11-Aug-2009	**< 0.70**	0.7	0.1	0.0350	**< 0.20**	0.2	0.03	0.0030	**< 0.20**	0.2	0.3	0.0300	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2011	**< 0.080**	0.08	0.1	0.0040	**< 0.20**	0.2	0.03	0.0030	**< 0.20**	0.2	0.3	0.0300	**< 0.10**	0.1	0.1	0.0050	**< 0.090**	0.09	0.1	0.0045
	01-Sep-2012	**0.890**	0.06	0.1	0.0890	**< 0.030**	0.030	0.03	0.0005	**< 0.040**	0.040	0.3	0.0060	**< 0.03**	0.030	0.1	0.0015	**< 0.030**	0.030	0.1	0.0015
(Replicate A)	01-Sep-2013	**0.492** [#1]	0.0193	0.1	0.0492	**< 0.193**	0.193	0.03	0.0029	**< 0.193**	0.193	0.3	0.0290	**< 0.193**	0.193	0.1	0.0097	**< 0.193**	0.193	0.1	0.0097
(Replicate B)	01-Sep-2013	**0.397**	0.0722	0.1	0.0397	**< 0.0722**	0.0722	0.03	0.0011	**0.108** [#1]	0.0722	0.3	0.0324	**< 0.0722**	0.0722	0.1	0.0036	**< 0.0722**	0.0722	0.1	0.0036
	23-Sep-2015	**1.51** [#1]	0.0567	0.1	0.1510	**< 0.0567**	0.0567	0.03	0.0009	**0.153**	0.0567	0.3	0.0459	**< 0.0567**	0.0567	0.1	0.0028	**< 0.0567**	0.0567	0.1	0.0028
	31-Aug-2016	**0.276**	0.0478	0.1	0.0276	**< 0.0554**	0.0554	0.03	0.0008	**0.085** [#1]	0.0554	0.3	0.0255	**< 0.0554**	0.0554	0.1	0.0028	**< 0.0554**	0.0554	0.1	0.0028
	12-Sep-2017	**0.314**	0.056	0.1	0.0314	**< 0.056**	0.056	0.03	0.0008	**0.065** [#1]	0.056	0.3	0.0195	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.1	0.0028
	29-Aug-2018	**0.349**	0.056	0.1	0.0349	**< 0.056**	0.056	0.03	0.0008	**0.073** [#1]	0.056	0.3	0.0219	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.1	0.0028
(Replicate A)	05-Sep-2019	**0.285**	0.057	0.1	0.0285	**< 0.057**	0.057	0.03	0.0009	**< 0.057**	0.057	0.3	0.0086	**< 0.057**	0.057	0.1	0.0029	**< 0.057**	0.057	0.1	0.0029
(Replicate B)	05-Sep-2019	**0.299**	0.0573	0.1	0.0299	**< 0.0573**	0.0573	0.03	0.0009	**0.059**	0.0573	0.3	0.0177	**< 0.0573**	0.0573	0.1	0.0029	**< 0.0573**	0.0573	0.1	0.0029
	25-Aug-2020	**0.29**	0.05	0.1	0.0290	**0.059**	0.05	0.03	0.0018	**0.054**	0.05	0.3	0.0162	**< 0.05**	0.05	0.1	0.0025	**< 0.05**	0.05	0.1	0.0025
	29-Sep-2021	**0.499**	0.11	0.1	0.0499	**< 0.078**	0.078	0.03	0.001	**0.0521**	0.026	0.3	0.01563	**< 0.036**	0.036	0.1	0.0018	**< 0.035**	0.035	0.1	0.00175
	29-Sep-2021	**0.395**	0.061	0.1	0.0395	**< 0.089**	0.089	0.03	0.001	**0.0507**	0.024	0.3	0.01521	**< 0.031**	0.031	0.1	0.0016	**< 0.034**	0.034	0.1	0.0017
	12-Oct-2022	**0.317**	0.026	0.1	0.0317	**0.0421**	0.026	0.03	0.001	**0.047** [#1]	0.024	0.3	0.0141	**< 0.023**	0.023	0.1	0.0012	**< 0.03**	0.03	0.1	0.0015
	13-Sep-2023	**0.287**	0.02	0.1	0.0287	**0.045** [#1]	0.015	0.03	0.001	**< 0.014**	0.014	0.3	0.0021	**< 0.013**	0.013	0.1	0.0007	**< 0.013**	0.013	0.1	0.0007

Furan Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997-2023)

	Date	2,3,7,8-(TCDF)				1,2,3,7,8-(PeCDF)				2,3,4,7,8-(PeCDF)				1,2,3,4,7,8-(HxCDF)				1,2,3,6,7,8-(HxCDF)			
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																					
	14-Aug-2024	**0.363**	0.029	0.1	0.0363	**0.0344**	0.032	0.03	0.001	**< 0.067**	0.028	0.3	0.0201	**< 0.036**	0.036	0.1	0.0018	**< 0.039**	0.039	0.1	0.0020
(Lab Duplicate)	14-Aug-2024	**0.415**	0.073	0.1	0.0415	**0.0479**	0.037	0.03	0.001	**< 0.0695**	0.042	0.3	0.02085	**< 0.053**	0.053	0.1	0.0027	**< 0.049**	0.049	0.1	0.0025
	24-Sep-2025	**0.744**	0.091	0.1	0.0744	**< 0.046**	0.046	0.03	0.001	**< 0.048**	0.048	0.3	0.0072	**< 0.051**	0.051	0.1	0.0026	**< 0.057**	0.057	0.1	0.0029
Brook Trout 2+	05-Oct-1995	**13.0**	3.8	0.1	1.3000	**< 3.4**	3.4	0.03	0.0510	**4.4**	3.1	0.3	1.3200	**< 7.0**	7	0.1	0.3500	**< 6.9**	6.9	0.1	0.3450
	24-Jun-1997	**17.0**	0.2	0.1	1.7000	**0.4**	0.1	0.03	0.0120	**1.5**	0.1	0.3	0.4500	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	11-Aug-2009	**< 0.40**	0.4	0.1	0.0200	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	11-Aug-2010	**0.97**	0.1	0.1	0.0970	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2011	**3.11**	0.07	0.1	0.3110	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.050**	0.05	0.1	0.0025	**< 0.040**	0.04	0.1	0.0020
	01-Sep-2012	**0.37**	0.06	0.1	0.0370	**< 0.030**	0.030	0.03	0.0005	**< 0.030**	0.030	0.3	0.0045	**< 0.030**	0.030	0.1	0.0015	**< 0.020**	0.020	0.1	0.0010
	01-Sep-2013	**0.865**	0.0489	0.1	0.0865	**0.053**	0.0489	0.03	0.0016	**0.143** [#1]	0.0489	0.3	0.0429	**< 0.0489**	0.0489	0.1	0.0024	**< 0.0489**	0.0489	0.1	0.0024
	22-Sep-2014	**0.758**	0.156	0.1	0.0758	**< 0.0579**	0.0579	0.03	0.0009	**0.2** [#1]	0.0579	0.3	0.0600	**< 0.0579**	0.0579	0.1	0.0029	**< 0.0579**	0.0579	0.1	0.0029
(Replicate A)	22-Sep-2014	**0.488**	0.115	0.1	0.0488	**< 0.0573**	0.0573	0.03	0.0009	**0.092**	0.0573	0.3	0.0276	**< 0.0573**	0.0573	0.1	0.0029	**< 0.0573**	0.0573	0.1	0.0029
(Replicate B)	22-Sep-2014	**0.764**	0.143	0.1	0.0764	**< 0.056**	0.056	0.03	0.0008	**0.127**	0.056	0.3	0.0381	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.1	0.0028
	23-Sep-2015	**1.49**	0.0567	0.1	0.1490	**< 0.0567**	0.0567	0.03	0.0009	**0.148**	0.0567	0.3	0.0444	**< 0.0567**	0.0567	0.1	0.0028	**< 0.0567**	0.0567	0.1	0.0028
	31-Aug-2016	**0.998**	0.0476	0.1	0.0998	**< 0.0557**	0.0557	0.03	0.0008	**0.202**	0.0557	0.3	0.0606	**< 0.0557**	0.0557	0.1	0.0028	**< 0.0557**	0.0557	0.1	0.0028
	12-Sep-2017	**0.558**	0.0582	0.1	0.0558	**0.064** [#1]	0.0582	0.03	0.0019	**0.1**	0.0582	0.3	0.0300	**< 0.0582**	0.0582	0.1	0.0029	**< 0.0582**	0.0582	0.1	0.0029
(Replicate A)	12-Sep-2017	**0.419**	0.058	0.1	0.0419	**< 0.058**	0.058	0.03	0.0009	**0.125** [#1]	0.058	0.3	0.0375	**< 0.058**	0.058	0.1	0.0029	**< 0.058**	0.058	0.1	0.0029
	29-Aug-2018	**0.647** [#1]	0.056	0.1	0.0647	**0.071**	0.056	0.03	0.0021	**0.173**	0.056	0.3	0.0519	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.1	0.0028
(Replicate A)	05-Sep-2019	**0.505**	0.0549	0.1	0.0505	**< 0.0549**	0.0549	0.03	0.0008	**0.071** [#1]	0.0549	0.3	0.0213	**< 0.0549**	0.0549	0.1	0.0027	**< 0.0549**	0.0549	0.1	0.0027
(Replicate B)	05-Sep-2019	**0.549**	0.0579	0.1	0.0549	**< 0.0579**	0.0579	0.03	0.0009	**0.07**	0.0579	0.3	0.0210	**< 0.0579**	0.0579	0.1	0.0029	**< 0.0579**	0.0579	0.1	0.0029
(Replicate A)	25-Aug-2020	**0.632**	0.0498	0.1	0.0632	**0.056**	0.0498	0.03	0.0017	**0.108**	0.0498	0.3	0.0324	**< 0.0498**	0.0498	0.1	0.0025	**< 0.0498**	0.0498	0.1	0.0025
(Replicate B)	25-Aug-2020	**0.522**	0.0497	0.1	0.0522	**< 0.0497**	0.0497	0.03	0.0007	**0.076**	0.0497	0.3	0.0228	**< 0.0497**	0.0497	0.1	0.0025	**< 0.0497**	0.0497	0.1	0.0025
	29-Sep-2021	**0.462**	0.0720	0.1	0.0462	**0.024** [#1]	0.02	0.03	0.0007	**0.067**	0.031	0.3	0.0201	**< 0.03**	0.03	0.1	0.0015	**< 0.03**	0.03	0.1	0.0015
	12-Oct-2022	**0.954**	0.0460	0.1	0.0954	**0.049** [#1]	0.032	0.03	0.0015	**0.132**	0.04	0.3	0.0396	**< 0.042**	0.042	0.1	0.0021	**< 0.041**	0.041	0.1	0.00205
	13-Sep-2023	**0.521**	0.0330	0.1	0.0521	**0.06** [#1]	0.02	0.03	0.0018	**0.1** [#1]	0.018	0.3	0.0300	**< 0.024**	0.024	0.1	0.0012	**< 0.024**	0.024	0.1	0.0012
	14-Aug-2024	**0.566**	0.0380	0.1	0.0566	**<0.0422**	0.034	0.03	0.001266	**0.0862**	0.03	0.3	0.0259	**< 0.026**	0.026	0.1	0.0013	**< 0.026**	0.026	0.1	0.0013
(Replicate A)	24-Sep-2025	**0.896**	0.0540	0.1	0.0896	**< 0.034**	0.034	0.03	0.00051	**< 0.062**	0.062	0.3	0.0093	**< 0.067**	0.067	0.1	0.00335	**< 0.071**	0.071	0.1	0.00355
(Replicate B)	24-Sep-2025	**2.46**	0.0630	0.1	0.246	**< 0.11**	0.11	0.03	0.00165	**< 0.061**	0.061	0.3	0.0092	**< 0.061**	0.061	0.1	0.00305	**0.0784**[#1]	0.042	0.1	0.00784
Brook Trout 3+	24-Jun-1997	**6.1**	0.2	0.1	0.6100	**0.2**	0.1	0.03	0.0060	**1.3**	0.1	0.3	0.3900	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
	04-Sep-2000	**1.6**	0.75	0.1	0.1600	**< 0.52**	0.52	0.03	0.0078	**< 0.67**	0.67	0.3	0.1005	**< 0.4**	0.4	0.1	0.0200	**< 0.39**	0.39	0.1	0.0195
	04-Oct-2006	**0.34**	0.1	0.1	0.0340	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	11-Aug-2010	**< 0.30**	0.3	0.1	0.0150	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
(Duplicate)	11-Aug-2010	**0.84**	0.1	0.1	0.0840	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
(Replicate A)	01-Sep-2012	**0.94**	0.1	0.1	0.0940	**< 0.050**	0.050	0.03	0.0008	**< 0.050**	0.050	0.3	0.0075	**< 0.040**	0.040	0.1	0.0020	**< 0.040**	0.040	0.1	0.0020
(Duplicate)	01-Sep-2012	**1.4**	0.1	0.1	0.1400	**< 0.050**	0.050	0.03	0.0008	**< 0.050**	0.050	0.3	0.0075	**< 0.030**	0.030	0.1	0.0015	**< 0.030**	0.030	0.1	0.0015
(Replicate B)	01-Sep-2012	**< 0.060**	0.06	0.1	0.0030	**< 0.060**	0.060	0.03	0.0009	**< 0.060**	0.060	0.3	0.0090	**< 0.040**	0.040	0.1	0.0020	**< 0.040**	0.040	0.1	0.0020
(Replicate C)	01-Sep-2013	**0.545**	0.0644	0.1	0.0545	**< 0.0644**	0.0644	0.03	0.0010	**0.148** [#1]	0.0644	0.3	0.0444	**< 0.0644**	0.0644	0.1	0.0032	**< 0.0644**	0.0644	0.1	0.0032
(Replicate D)	01-Sep-2013	**0.616**	0.0651	0.1	0.0616	**< 0.0651**	0.0651	0.03	0.0010	**0.093**	0.0651	0.3	0.0279	**< 0.0651**	0.0651	0.1	0.0033	**< 0.0651**	0.0651	0.1	0.0033
	22-Sep-2014	**0.823**	0.0834	0.1	0.0823	**< 0.0578**	0.0578	0.03	0.0009	**0.174** [#1]	0.0578	0.3	0.0522	**< 0.0578**	0.0578	0.1	0.0029	**< 0.0578**	0.0578	0.1	0.0029
(Duplicate)	22-Sep-2014	**0.921**	0.0737	0.1	0.0921	**< 0.056**	0.0567	0.03	0.0009	**0.18**	0.056	0.3	0.0540	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.1	0.0028
(Replicate A)	22-Sep-2014	**0.861**	0.056	0.1	0.0861	**0.06** [#1]	0.056	0.03	0.0018	**0.18**	0.0567	0.3	0.0540	**< 0.0567**	0.0567	0.1	0.0028	**< 0.0567**	0.0567	0.1	0.0028
(Replicate B)	22-Sep-2014	**0.386**	0.0612	0.1	0.0386	**< 0.0574**	0.0574	0.03	0.0009	**0.087**	0.0574	0.3	0.0261	**< 0.0574**	0.0574	0.1	0.0029	**< 0.0574**	0.0574	0.1	0.0029
	23-Sep-2015	**1.66** [#1]	0.0572	0.1	0.1660	**0.067**	0.0572	0.03	0.0020	**0.147**	0.0572	0.3	0.0441	**< 0.0572**	0.0572	0.1	0.0029	**< 0.0572**	0.0572	0.1	0.0029
	31-Aug-2016	**1.46**	0.0471	0.1	0.1460	**< 0.0551**	0.0551	0.03	0.0008	**0.167**	0.0551	0.3	0.0501	**< 0.0551**	0.0551	0.1	0.0028	**< 0.0551**	0.0551	0.1	0.0028
(Duplicate)	31-Aug-2016	**1.39**	0.048	0.1	0.1390	**< 0.0561**	0.0561	0.03	0.0008	**0.182**	0.0561	0.3	0.0546	**< 0.0561**	0.0561	0.1	0.0028	**< 0.0561**	0.0561	0.1	0.0028
(Replicate A)	31-Aug-2016	**1.35**	0.0471	0.1	0.1350	**0.077**	0.0546	0.03	0.0023	**0.245**	0.0546	0.3	0.0735	**< 0.0546**	0.0546	0.1	0.0027	**< 0.0546**	0.0546	0.1	0.0027
	12-Sep-2017	**0.742**	0.0559	0.1	0.0742	**< 0.0559**	0.0559	0.03	0.0008	**0.106** [#1]	0.0559	0.3	0.0318	**< 0.0559**	0.0559	0.1	0.0028	**< 0.0559**	0.0559	0.1	0.0028
(Duplicate)	12-Sep-2017	**0.767**	0.0588	0.1	0.0767	**0.078**	0.0588	0.03	0.0023	**0.112** [#1]	0.0588	0.3	0.0336	**< 0.0588**	0.0588	0.1	0.0029	**< 0.0588**	0.0588	0.1	0.0029

Furan Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997-2023)

	Date	2,3,7,8-(TCDF)				1,2,3,7,8-(PeCDF)				2,3,4,7,8-(PeCDF)				1,2,3,4,7,8-(HxCDF)				1,2,3,6,7,8-(HxCDF)			
	(dd-mmm-yyyy)	Conc. (pg/g)	D.L. ---	TEF ---	TEQ ---	Conc. (pg/g)	D.L. ---	TEF ---	TEQ ---	Conc. (pg/g)	D.L. ---	TEF ---	TEQ ---	Conc. (pg/g)	D.L. ---	TEF ---	TEQ ---	Conc. (pg/g)	D.L. ---	TEF ---	TEQ ---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																					
	29-Aug-2018	**0.621**	0.0493	0.1	0.0621	**0.053**	0.0493	0.03	0.0016	**0.132**	0.0493	0.3	0.0396	**< 0.0493**	0.0493	0.1	0.0025	**< 0.0493**	0.0493	0.1	0.0025
(Duplicate)	29-Aug-2018	**0.699**	0.0548	0.1	0.0699	**< 0.0548**	0.0548	0.03	0.0008	**0.072**	0.0548	0.3	0.0216	**< 0.0548**	0.0548	0.1	0.0027	**< 0.0548**	0.0548	0.1	0.0027
(Duplicate)	29-Aug-2018	**0.7**	0.0548	0.1	0.0700	**< 0.0548**	0.0548	0.03	0.0008	**0.092** [#1]	0.0548	0.3	0.0276	**< 0.0548**	0.0548	0.1	0.0027	**< 0.0548**	0.0548	0.1	0.0027
	05-Sep-2019	**0.75**	0.0556	0.1	0.0750	**< 0.0556**	0.0556	0.03	0.0008	**0.162** [#1]	0.0556	0.3	0.0486	**< 0.0556**	0.0556	0.1	0.0028	**< 0.0556**	0.0556	0.1	0.0028
(Lab - Duplicate)	05-Sep-2019	**0.679**	0.0575	0.1	0.0679	**0.062**	0.0575	0.03	0.0019	**0.121**	0.0575	0.3	0.0363	**< 0.0575**	0.0575	0.1	0.0029	**< 0.0575**	0.0575	0.1	0.0029
	29-Sep-2021	**0.394**	0.12	0.1	0.0394	**< 0.075**	0.075	0.03	0.0011	**0.0747**	0.049	0.3	0.0224	**< 0.044**	0.044	0.1	0.0022	**< 0.047**	0.047	0.1	0.0024
	29-Sep-2021	**0.846**	0.039	0.1	0.0846	**0.055** [#1]	0.028	0.03	0.0017	**0.135**	0.058	0.3	0.0405	**< 0.047**	0.047	0.1	0.0024	**< 0.053**	0.053	0.1	0.0027
	12-Oct-2022	**0.409**	0.039	0.1	0.0409	**0.034** [#1]	0.022	0.03	0.0010	**0.0658**	0.012	0.3	0.0197	**< 0.027**	0.027	0.1	0.0014	**< 0.027**	0.027	0.1	0.0014
	13-Sep-2023	**0.86** [#1]	0.021	0.1	0.0860	**0.069** [#1]	0.048	0.03	0.0021	**0.132**	0.045	0.3	0.0396	**< 0.022**	0.022	0.1	0.0011	**< 0.021**	0.021	0.1	0.0011
(Lab - Duplicate)	13-Sep-2023	**0.705**	0.036	0.1	0.0705	**0.044** [#1]	0.026	0.03	0.0013	**0.0752**	0.023	0.3	0.0226	**< 0.027**	0.027	0.1	0.0014	**< 0.025**	0.025	0.1	0.0013
	14-Aug-2024	**0.639**	0.069	0.1	0.0639	**0.0544**	0.035	0.03	0.0016	**0.0733**	0.036	0.3	0.0220	**< 0.033**	0.033	0.1	0.0017	**< 0.035**	0.035	0.1	0.0018
(Duplicate)	14-Aug-2024	**0.636**	0.048	0.1	0.0636	**0.042**	0.042	0.03	0.0013	**0.0955**	0.038	0.3	0.0287	**< 0.036**	0.036	0.1	0.0018	**< 0.04**	0.04	0.1	0.0020
(Replicate A)	24-Sep-2025	**2.09**	0.088	0.1	0.2090	**< 0.051**	0.051	0.03	0.0008	**< 0.13**	0.13	0.3	0.0195	**< 0.079**	0.079	0.1	0.0040	**< 0.073**	0.073	0.1	0.0037
(Duplicate)	24-Sep-2025	**4.31**	0.088	0.1	0.4310	**< 0.11**	0.11	0.03	0.0017	**0.0873** [#1]	0.029	0.3	0.0262	**< 0.054**	0.054	0.1	0.0027	**< 0.13**	0.13	0.1	0.0065
(Replicate B)	24-Sep-2025	**0.924**	0.072	0.1	0.0924	**< 0.081**	0.081	0.03	0.0012	**< 0.12**	0.12	0.3	0.0180	**< 0.045**	0.045	0.1	0.0023	**< 0.048**	0.048	0.1	0.0024
Brook Trout 4+	27-Jun-1998	**2.5**	0.4	0.1	0.2500	**< 0.2**	0.2	0.03	0.0030	**5.3**	0.2	0.3	1.5900	**< 0.8**	0.8	0.1	0.0400	**< 0.8**	0.8	0.1	0.0400
	01-Sep-1999	**1.4**	0.2	0.1	0.1400	**< 0.2**	0.2	0.03	0.0030	**0.3**	0.2	0.3	0.0900	**< 0.4**	0.4	0.1	0.0200	**< 0.4**	0.4	0.1	0.0200
	10-Sep-2001	**2.0**	0.05	0.1	0.2000	**0.2**	0.05	0.03	0.0060	**0.4**	0.05	0.3	0.1200	**0.1**	0.05	0.1	0.0100	**0.1**	0.05	0.1	0.0100
	04-Oct-2006	**1.2**	0.1	0.1	0.1200	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
(Duplicate)	04-Oct-2006	**1.2**	0.1	0.1	0.1200	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2011	**2.71**	0.08	0.1	0.2710	**< 0.20**	0.2	0.03	0.0030	**< 0.20**	0.2	0.3	0.0300	**< 0.090**	0.09	0.1	0.0045	**< 0.080**	0.08	0.1	0.0040
	01-Sep-2013	**2.45**	0.0496	0.1	0.2450	**< 0.0496**	0.0496	0.03	0.0007	**0.204** [#1]	0.0496	0.3	0.0612	**< 0.0496**	0.0496	0.1	0.0025	**< 0.0496**	0.0496	0.1	0.0025
	22-Sep-2014	**1.9**	0.175	0.1	0.1900	**0.104** [#1]	0.0574	0.03	0.0031	**0.356** [#1]	0.0574	0.3	0.1068	**< 0.0574**	0.0574	0.1	0.0029	**< 0.0574**	0.0574	0.1	0.0029
	23-Sep-2015	**1.34** [#1]	0.0557	0.1	0.1340	**< 0.0557**	0.0557	0.03	0.0008	**0.131** [#1]	0.0557	0.3	0.0393	**< 0.0557**	0.0557	0.1	0.0028	**< 0.0557**	0.0557	0.1	0.0028
(Replicate A)	23-Sep-2015	**1.48** [#1]	0.0562	0.1	0.1480	**< 0.0562**	0.0562	0.03	0.0008	**0.186**	0.0562	0.3	0.0558	**< 0.0562**	0.0562	0.1	0.0028	**< 0.0562**	0.0562	0.1	0.0028
	12-Sep-2017	**1.01**	0.0582	0.1	0.1010	**0.069** [#1]	0.0582	0.03	0.0021	**0.248** [#1]	0.0582	0.3	0.0744	**< 0.0582**	0.0582	0.1	0.0029	**< 0.0582**	0.0582	0.1	0.0029
(Replicate A)	29-Aug-2018	**1.28** [#1]	0.0558	0.1	0.1280	**< 0.0558**	0.0558	0.03	0.0008	**0.224**	0.0558	0.3	0.0672	**< 0.0558**	0.0558	0.1	0.0028	**< 0.0558**	0.0558	0.1	0.0028
(Replicate B)	29-Aug-2018	**0.629**	0.05	0.1	0.0629	**0.053** [#1]	0.053	0.03	0.0016	**0.12** [#1]	0.05	0.3	0.0360	**< 0.05**	0.05	0.1	0.0025	**< 0.05**	0.05	0.1	0.0025
(Replicate C)	29-Aug-2018	**0.786**	0.0561	0.1	0.0786	**0.075** [#1]	0.0561	0.03	0.0023	**0.164** [#1]	0.0561	0.3	0.0492	**< 0.0561**	0.0561	0.1	0.0028	**< 0.0561**	0.0561	0.1	0.0028
	25-Aug-2020	**0.555**	0.0496	0.1	0.0555	**0.051**	0.0496	0.03	0.0015	**0.062**	0.0496	0.3	0.0186	**< 0.0496**	0.0496	0.1	0.0025	**< 0.0496**	0.0496	0.1	0.0025
	29-Sep-2021	**0.561**	0.027	0.1	0.0561	**0.0392**	0.031	0.03	0.0012	**0.0875**	0.031	0.3	0.0263	**< 0.032**	0.032	0.1	0.0016	**< 0.03**	0.03	0.1	0.0015
	24-Sep-2025	**0.41** [#1]	0.094	0.1	0.0410	**< 0.12**	0.12	0.03	0.0018	**< 0.11**	0.11	0.3	0.0165	**< 0.18**	0.18	0.1	0.0090	**< 0.14**	0.14	0.1	0.0070
Brook Trout 5+	05-Oct-1995	**23.0**	2.8	0.1	2.3000	**< 2.9**	2.9	0.03	0.0435	**6.9**	2.6	0.3	2.0700	**< 6.4**	6.4	0.1	0.3200	**< 5.9**	5.9	0.1	0.2950
	01-Sep-1999	**1.2**	0.2	0.1	0.1200	**< 0.9**	0.9	0.03	0.0135	**< 0.6**	0.6	0.3	0.0900	**< 0.2**	0.2	0.1	0.0100	**< 0.2**	0.2	0.1	0.0100
	04-Sep-2000	**1.8**	0.51	0.1	0.1800	**< 0.42**	0.42	0.03	0.0063	**< 0.51**	0.51	0.3	0.0765	**< 0.33**	0.33	0.1	0.0165	**< 0.34**	0.34	0.1	0.0170
	10-Sep-2002	**0.9**	0.2	0.1	0.0900	**< 0.4**	0.4	0.03	0.0060	**< 0.3**	0.3	0.3	0.0450	**< 0.5**	0.5	0.1	0.0250	**< 0.5**	0.5	0.1	0.0250
	07-Sep-2003	**0.8**	0.1	0.1	0.0800	**< 0.1**	0.1	0.03	0.0015	**0.1**	0.1	0.3	0.0300	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	12-Sep-2004	**0.9**	0.1	0.1	0.0900	**0.2**	0.1	0.03	0.0060	**0.2**	0.1	0.3	0.0600	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	10-Sep-2005	**1.2**	0.1	0.1	0.1200	**< 0.1**	0.1	0.03	0.0015	**0.28**	0.1	0.3	0.0840	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	04-Oct-2006	**0.36**	0.1	0.1	0.0360	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	11-Sep-2007	**1.5**	0.1	0.1	0.1500	**< 0.10**	0.1	0.03	0.0015	**0.21**	0.1	0.3	0.0630	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2013	**4.89**	0.0712	0.1	0.4890	**0.151**	0.0712	0.03	0.0045	**0.442**	0.0712	0.3	0.1326	**< 0.0712**	0.0712	0.1	0.0036	**< 0.0712**	0.0712	0.1	0.0036
	23-Sep-2015	**1.54**	0.0572	0.1	0.1540	**< 0.0572**	0.0572	0.03	0.0009	**0.183**	0.0572	0.3	0.0549	**< 0.0572**	0.0572	0.1	0.0029	**< 0.0572**	0.0572	0.1	0.0029
	30-Aug-2016	**0.702**	0.0486	0.1	0.0702	**< 0.0564**	0.0564	0.03	0.0008	**0.136** [#1]	0.0564	0.3	0.0408	**< 0.0564**	0.0564	0.1	0.0028	**< 0.0564**	0.0564	0.1	0.0028
	12-Sep-2017	**1.84**	0.058	0.1	0.1840	**0.083**	0.058	0.03	0.0025	**0.262** [#1]	0.058	0.3	0.0786	**< 0.058**	0.058	0.1	0.0029	**< 0.058**	0.058	0.1	0.0029
	29-Sep-2021	**0.766**	0.037	0.1	0.0766	**0.0472**	0.026	0.03	0.001416	**0.108**	0.039	0.3	0.0324	**< 0.031**	0.031	0.1	0.00155	**< 0.034**	0.034	0.1	0.0017
Brook Trout 6+	27-Jun-1998	**1.0**	0.5	0.1	0.1000	**< 1.5**	1.5	0.03	0.0225	**1.8**	1.7	0.3	0.5400	**< 0.3**	0.3	0.1	0.0150	**< 0.3**	0.3	0.1	0.0150
	11-Sep-2001	**1.4**	0.05	0.1	0.1400	**0.2**	0.1	0.03	0.0060	**0.3**	0.1	0.3	0.0900	**0.2**	0.05	0.1	0.0200	**0.1**	0.05	0.1	0.0100

Furan Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997-2023)

	Date	2,3,7,8-(TCDF)				1,2,3,7,8-(PeCDF)				2,3,4,7,8-(PeCDF)				1,2,3,4,7,8-(HxCDF)				1,2,3,6,7,8-(HxCDF)			
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																					
	10-Sep-2005	**1.6**	0.1	0.1	0.1600	**< 0.1**	0.1	0.03	0.0015	**< 0.1**	0.1	0.3	0.0150	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
(Duplicate)	10-Sep-2005	**1.5**	0.1	0.1	0.1500	**< 0.1**	0.1	0.03	0.0015	**< 0.1**	0.1	0.3	0.0150	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
	11-Sep-2007	**0.78**	0.1	0.1	0.0780	**< 0.10**	0.1	0.03	0.0015	**0.26**	0.1	0.3	0.0780	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
Brook Trout 7+	10-Sep-2002	**0.8**	0.2	0.1	0.0800	**< 0.4**	0.4	0.03	0.0060	**< 0.3**	0.3	0.3	0.0450	**< 0.5**	0.5	0.1	0.0250	**< 0.4**	0.4	0.1	0.0200
(Duplicate)	10-Sep-2002	**0.6**	0.2	0.1	0.0600	**< 0.3**	0.3	0.03	0.0045	**< 0.1**	0.1	0.3	0.0150	**< 0.3**	0.3	0.1	0.0150	**< 0.3**	0.3	0.1	0.0150
	06-Sep-2003	**0.8**	0.2	0.1	0.0800	**< 0.10**	0.1	0.03	0.0015	**0.1**	0.1	0.3	0.0300	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
(Duplicate)	06-Sep-2003	**1**	0.1	0.1	0.1000	**< 0.10**	0.1	0.03	0.0015	**0.2**	0.1	0.3	0.0600	**0.1**	0.1	0.1	0.0100	**< 0.10**	0.1	0.1	0.0050
	12-Sep-2004	**0.5**	0.1	0.1	0.0500	**< 0.1**	0.1	0.03	0.0015	**0.2**	0.1	0.3	0.0600	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
(Duplicate)	12-Sep-2004	**1.5**	0.1	0.1	0.1500	**0.3**	0.1	0.03	0.0090	**0.4**	0.1	0.3	0.1200	**0.2**	0.1	0.1	0.0200	**0.1**	0.1	0.1	0.0100
	10-Sep-2005	**1.2**	0.1	0.1	0.1200	**< 0.1**	0.1	0.03	0.0015	**0.42**	0.1	0.3	0.1260	**< 0.1**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	11-Sep-2007	**0.58**	0.1	0.1	0.0580	**< 0.10**	0.1	0.03	0.0015	**0.14**	0.1	0.3	0.0420	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
(Duplicate)	11-Sep-2007	**0.39**	0.1	0.1	0.0390	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
Brook Trout 9+	12-Sep-2004	**0.3**	0.1	0.1	0.0300	**0.2**	0.1	0.03	0.0060	**0.1**	0.1	0.3	0.0300	**< 0.1**	0.1	0.1	0.0100	**< 0.10**	0.1	0.1	0.0050
Brook Trout 11+	11-Sep-2007	**1.6**	0.1	0.1	0.1600	**< 0.10**	0.1	0.03	0.0015	**0.42**	0.1	0.3	0.1260	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
Brook Trout 12+	11-Sep-2007	**2.3**	0.1	0.1	0.2300	**< 0.10**	0.1	0.03	0.0015	**0.27**	0.1	0.3	0.0810	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
Brook Trout Unknown	23-Jul-2008	**0.41**	0.1	0.1	0.0410	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**0.10**	0.1	0.1	0.0100	**< 0.10**	0.1	0.1	0.0050
(Replicate)	23-Jul-2008	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
(Replicate A)	23-Jul-2008	**0.32**	0.2	0.1	0.0320	**< 0.20**	0.2	0.03	0.0030	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
(Replicate B)	23-Jul-2008	**0.41**	0.1	0.1	0.0410	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**0.26**	0.1	0.1	0.0260	**0.16**	0.1	0.1	0.0160
(Replicate C)	23-Jul-2008	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**0.14**	0.1	0.1	0.0140	**< 0.10**	0.1	0.1	0.0050
	12-Oct-2022	**0.525**	0.051	0.1	0.0525	**0.033** [#1]	0.019	0.03	0.0010	**0.0621**	0.016	0.3	0.0186	**< 0.021**	0.021	0.1	0.0011	**< 0.02**	0.02	0.1	0.0010
(Replicate A)	13-Sep-2023	**0.54** [#1]	0.055	0.1	0.0540	**< 0.046**	0.046	0.03	0.0007	**< 0.043**	0.043	0.3	0.0065	**< 0.036**	0.036	0.1	0.0018	**< 0.036**	0.036	0.1	0.0018
(Replicate B)	13-Sep-2023	**0.44** [#1]	0.018	0.1	0.0440	**< 0.042**	0.042	0.03	0.0006	**0.0599**	0.038	0.3	0.0180	**< 0.02**	0.02	0.1	0.0010	**< 0.019**	0.019	0.1	0.0010
(Replicate A)	14-Aug-2024	**0.625**	0.042	0.1	0.0625	**< 0.0484**	0.042	0.03	0.0015	**0.102**	0.039	0.3	0.0306	**< 0.055**	0.055	0.1	0.0028	**< 0.051**	0.051	0.1	0.0026
(Replicate B)	14-Aug-2024	**1.15**	0.025	0.1	0.1150	**< 0.0423**	0.041	0.03	0.0013	**0.112**	0.035	0.3	0.0336	**< 0.037**	0.037	0.1	0.0019	**< 0.041**	0.041	0.1	0.0021
(Replicate C)	14-Aug-2024	**0.609**	0.047	0.1	0.0609	**< 0.042**	0.042	0.03	0.0006	**0.057**[#1]	0.044	0.3	0.0171	**< 0.055**	0.055	0.1	0.0028	**< 0.046**	0.046	0.1	0.0023
	24-Sep-2025	**2.55**	0.084	0.1	0.2550	**< 0.14**	0.14	0.03	0.0021	**0.146**[#1]	0.059	0.3	0.0438	**< 0.06**	0.06	0.1	0.0030	**< 0.056**	0.056	0.1	0.0028
White Sucker 1+	21-Sep-2014	**0.134**	0.0579	0.1	0.0134	**< 0.0579**	0.0579	0.03	0.0009	**0.071** [#1]	0.0579	0.3	0.0213	**< 0.0579**	0.0579	0.1	0.0029	**< 0.0579**	0.0579	0.1	0.0029
White Sucker 2+	22-Sep-2014	**0.213** [#1]	0.112	0.1	0.0213	**< 0.0573**	0.0573	0.03	0.0009	**< 0.0573**	0.0573	0.3	0.0086	**< 0.0573**	0.0573	0.1	0.0029	**< 0.0573**	0.0573	0.1	0.0029
White Sucker 5+	25-Jun-1997	**22.0**	0.1	0.1	2.2000	**0.5**	0.1	0.03	0.0150	**2.7**	0.1	0.3	0.8100	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
White Sucker 6+	24-Jun-1997	**27.0**	0.2	0.1	2.7000	**0.4**	0.1	0.03	0.0120	**2.5**	0.1	0.3	0.7500	**< 0.2**	0.2	0.1	0.0100	**< 0.2**	0.2	0.1	0.0100
	25-Jun-1998	**1.2**	0.4	0.1	0.1200	**< 0.8**	0.8	0.03	0.0120	**< 1.1**	1.1	0.3	0.1650	**< 0.6**	0.6	0.1	0.0300	**< 0.5**	0.5	0.1	0.0250

Furan Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997-2023)

	Date	2,3,7,8-(TCDF)				1,2,3,7,8-(PeCDF)				2,3,4,7,8-(PeCDF)				1,2,3,4,7,8-(HxCDF)				1,2,3,6,7,8-(HxCDF)			
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chrystina Lake - Continued																					
	12-Sep-2004	**0.3**	0.1	0.1	0.0300	**< 0.1**	0.1	0.03	0.0015	**< 0.1**	0.1	0.3	0.0150	**0.1**	0.1	0.1	0.0100	**< 0.1**	0.1	0.1	0.0050
	11-Sep-2007	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
White Sucker 7+	11-Sep-2007	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
White Sucker 8+	27-Jun-1998	**4.1**	0.4	0.1	0.4100	**< 0.4**	0.4	0.03	0.0060	**< 0.6**	0.6	0.3	0.0900	**< 0.4**	0.4	0.1	0.0200	**< 0.4**	0.4	0.1	0.0200
	11-Sep-2007	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	11-Aug-2009	**< 0.50**	0.5	0.1	0.0250	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
White Sucker 9+	02-Sep-2000	**< 0.77**	0.77	0.1	0.0385	**< 0.48**	0.48	0.03	0.0072	**< 0.58**	0.58	0.3	0.0870	**< 0.42**	0.42	0.1	0.0210	**< 0.44**	0.44	0.1	0.0220
	12-Sep-2004	**0.2**	0.1	0.1	0.0200	**< 0.1**	0.1	0.03	0.0015	**< 0.1**	0.1	0.3	0.0150	**0.1**	0.1	0.1	0.0100	**< 0.1**	0.1	0.1	0.0050
	11-Sep-2007	**2.3**	0.1	0.1	0.2300	**< 0.10**	0.1	0.03	0.0015	**< 0.1**	0.1	0.3	0.0150	**0.11**	0.1	0.1	0.0110	**0.11**	0.1	0.1	0.0110
White Sucker 10+	11-Aug-2009	**< 0.30**	0.3	0.1	0.0150	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
White Sucker 11+	12-Sep-2004	**0.3**	0.1	0.1	0.0300	**< 0.1**	0.1	0.05	0.0025	**< 0.1**	0.1	0.3	0.0150	**0.1**	0.1	0.1	0.0100	**< 0.1**	0.1	0.1	0.0050
Forage Fish	4-Nov-2014	**0.232**	0.0551	0.1	0.0232	**< 0.0551**	0.0551	0.03	0.0008	**< 0.0551**	0.0551	0.3	0.0083	**< 0.0551**	0.0551	0.1	0.0028	**< 0.0551**	0.0551	0.1	0.0028
Aquatic Invertebrates	22-Aug-2014	**0.524**	0.281	0.1	0.0524	**< 0.281**	0.281	0.03	0.0042	**0.308**	0.281	0.3	0.0924	**< 0.281**	0.281	0.1	0.0141	**< 0.281**	0.281	0.1	0.0141
Edith Lake																					
Brook Trout 1+	11-Aug-2009	**< 0.20**	0.2	0.1	0.0100	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2011	**< 0.10**	0.1	0.1	0.0050	**< 0.30**	0.3	0.03	0.0045	**< 0.30**	0.3	0.3	0.0450	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
(Duplicate)	01-Sep-2011	**< 0.050**	0.05	0.1	0.0025	**< 0.080**	0.08	0.03	0.0012	**< 0.070**	0.07	0.3	0.0105	**< 0.050**	0.05	0.1	0.0025	**< 0.040**	0.04	0.1	0.0020
	01-Sep-2012	**< 0.030**	0.03	0.1	0.0015	**< 0.040**	0.040	0.03	0.0006	**< 0.040**	0.040	0.3	0.0060	**< 0.030**	0.030	0.1	0.0015	**< 0.030**	0.030	0.1	0.0015
	22-Sep-2015	**0.194**	0.0559	0.1	0.0194	**< 0.0559**	0.0559	0.03	0.0008	**< 0.0559**	0.0559	0.3	0.0084	**< 0.0559**	0.0559	0.1	0.0028	**< 0.0559**	0.0559	0.1	0.0028
	30-Aug-2016	**0.097**	0.0472	0.1	0.0097	**< 0.0548**	0.0548	0.03	0.0008	**< 0.0548**	0.0548	0.3	0.0082	**< 0.0548**	0.0548	0.1	0.0027	**< 0.0548**	0.0548	0.1	0.0027
	13-Sep-2017	**0.162**	0.0584	0.1	0.0162	**0.075**	0.0584	0.03	0.0023	**< 0.0584**	0.0584	0.3	0.0088	**< 0.0584**	0.0584	0.1	0.0029	**< 0.0584**	0.0584	0.1	0.0029
	30-Aug-2018	**0.088**	0.0551	0.1	0.0088	**< 0.0551**	0.0551	0.03	0.0008	**< 0.0551**	0.0551	0.3	0.0083	**< 0.0551**	0.0551	0.1	0.0028	**< 0.0551**	0.0551	0.1	0.0028
(Replicate A)	6-Sep-2019	**0.11**	0.058	0.1	0.0110	**< 0.058**	0.058	0.03	0.0009	**< 0.058**	0.058	0.3	0.0087	**< 0.058**	0.058	0.1	0.0029	**< 0.058**	0.058	0.1	0.0029
(Replicate B)	6-Sep-2019	**0.118**	0.0564	0.1	0.0118	**0.066**	0.0564	0.03	0.0020	**< 0.0564**	0.0564	0.3	0.0085	**< 0.0564**	0.0564	0.1	0.0028	**< 0.0564**	0.0564	0.1	0.0028
	26-Aug-2020	**0.105**	0.0493	0.1	0.0105	**0.056** [#1]	0.0493	0.03	0.0017	**< 0.0493**	0.0493	0.3	0.0074	**< 0.0493**	0.0493	0.1	0.0025	**< 0.0493**	0.0493	0.1	0.0025
	30-Sep-2021	**0.056** [#1]	0.025	0.1	0.0056	**< 0.044**	0.044	0.03	0.0007	**< 0.034**	0.034	0.3	0.0051	**< 0.032**	0.032	0.1	0.0016	**< 0.025**	0.025	0.1	0.0013
	13-Oct-2022	**0.0739**	0.034	0.1	0.00739	**0.0339**	0.028	0.03	0.0010	**0.0138**	0.013	0.3	0.00414	**< 0.027**	0.027	0.1	0.0014	**< 0.04**	0.04	0.1	0.0020
	14-Sep-2023	**0.172**	0.029	0.1	0.0172	**< 0.025**	0.025	0.03	0.0004	**< 0.024**	0.024	0.3	0.0036	**< 0.016**	0.016	0.1	0.0008	**< 0.015**	0.015	0.1	0.0008
	15-Aug-2024	**0.16**	0.038	0.1	0.016	**<0.066**	0.066	0.03	0.0010	**<0.059**	0.059	0.3	0.00885	**<0.042**	0.042	0.1	0.0021	**<0.043**	0.043	0.1	0.0022
Brook Trout 2+	11-Aug-2009	**< 0.20**	0.2	0.1	0.0100	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	11-Aug-2010	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2011	**< 0.070**	0.07	0.1	0.0035	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.060**	0.06	0.1	0.0030	**< 0.050**	0.05	0.1	0.0025
	01-Sep-2012	**< 0.060**	0.06	0.1	0.0030	**< 0.020**	0.020	0.03	0.0003	**< 0.020**	0.020	0.3	0.0030	**< 0.020**	0.020	0.1	0.0010	**< 0.020**	0.020	0.1	0.0010
	01-Sep-2013	**1.05**	0.0494	0.1	0.1050	**< 0.0494**	0.0494	0.03	0.0007	**0.11** [#1]	0.0494	0.3	0.0330	**< 0.0494**	0.0494	0.1	0.0025	**< 0.0494**	0.0494	0.1	0.0025
	21-Sep-2014	**0.279**	0.113	0.1	0.0279	**< 0.0574**	0.0574	0.03	0.0009	**< 0.0574**	0.0574	0.3	0.0086	**< 0.0574**	0.0574	0.1	0.0029	**< 0.0574**	0.0574	0.1	0.0029
(Replicate A)	21-Sep-2014	**0.302**	0.0737	0.1	0.0302	**< 0.0565**	0.0565	0.03	0.0008	**0.069**	0.0565	0.3	0.0207	**< 0.0565**	0.0565	0.1	0.0028	**< 0.0565**	0.0565	0.1	0.0028
(Replicate B)	21-Sep-2014	**0.098**	0.0719	0.1	0.0098	**< 0.0579**	0.0579	0.03	0.0009	**< 0.0579**	0.0579	0.3	0.0087	**< 0.0579**	0.0579	0.1	0.0029	**< 0.0579**	0.0579	0.1	0.0029
	22-Sep-2015	**< 0.055**	0.055	0.1	0.0028	**< 0.055**	0.055	0.03	0.0008	**< 0.055**	0.055	0.3	0.0083	**< 0.055**	0.055	0.1	0.0028	**< 0.055**	0.055	0.1	0.0028
	30-Aug-2016	**0.396**	0.0481	0.1	0.0396	**< 0.0563**	0.0563	0.03	0.0008	**0.057** [#1]	0.0563	0.3	0.0171	**< 0.0563**	0.0563	0.1	0.0028	**< 0.0563**	0.0563	0.1	0.0028
	13-Sep-2017	**< 0.059**	0.059	0.1	0.0030	**< 0.059**	0.059	0.03	0.0009	**< 0.059**	0.059	0.3	0.0089	**< 0.059**	0.059	0.1	0.0030	**< 0.059**	0.059	0.1	0.0030
	30-Aug-2018	**0.117**	0.0551	0.1	0.0117	**0.073** [#1]	0.0551	0.03	0.0022	**< 0.055**	0.055	0.3	0.0083	**< 0.055**	0.055	0.1	0.0028	**< 0.055**	0.055	0.1	0.0028

Furan Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997-2023)

	Date	2,3,7,8-(TCDF)				1,2,3,7,8-(PeCDF)				2,3,4,7,8-(PeCDF)				1,2,3,4,7,8-(HxCDF)				1,2,3,6,7,8-(HxCDF)			
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - Continued																					
(Replicate A)	6-Sep-2019	**< 0.0577**	0.0577	0.1	0.0029	**< 0.0577**	0.0577	0.03	0.0009	**< 0.0577**	0.0577	0.3	0.0087	**< 0.0577**	0.0577	0.1	0.0029	**< 0.0577**	0.0577	0.1	0.0029
(Replicate B)	6-Sep-2019	**< 0.0567**	0.0567	0.1	0.0028	**< 0.0567**	0.0567	0.03	0.0009	**< 0.0567**	0.0567	0.3	0.0085	**< 0.0567**	0.0567	0.1	0.0028	**< 0.0567**	0.0567	0.1	0.0028
	26-Aug-2020	**0.054**	0.0499	0.1	0.0054	**< 0.0499**	0.0499	0.03	0.0007	**< 0.0499**	0.0499	0.3	0.0075	**< 0.0499**	0.0499	0.1	0.0025	**< 0.0499**	0.0499	0.1	0.0025
	30-Sep-2021	**0.056**	0.022	0.1	0.0056	**0.0288**	0.0170	0.03	0.000864	**0.0141**	0.0078	0.3	0.00423	**< 0.019**	0.019	0.1	0.0010	**< 0.021**	0.021	0.1	0.00105
	13-Oct-2022	**0.253**	0.036	0.1	0.0253	**0.0495**	0.0230	0.03	0.001485	**0.029** [#1]	0.0150	0.3	0.0087	**< 0.027**	0.027	0.1	0.0014	**< 0.035**	0.035	0.1	0.00175
	14-Sep-2023	**0.14** [#1]	0.018	0.1	0.014	**0.056** [#1]	0.0260	0.03	0.00168	**< 0.024**	0.0240	0.3	0.0036	**< 0.017**	0.017	0.1	0.0009	**< 0.016**	0.016	0.1	0.0008
	15-Aug-2024	**0.306**	0.052	0.1	0.0306	**0.0464**	0.0270	0.03	0.001392	**0.064**	0.0640	0.3	0.0096	**<0.23**	0.23	0.1	0.0115	**<0.021**	0.021	0.1	0.00105
Brook Trout 3+	11-Aug-2010	**0.61**	0.1	0.1	0.0610	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2011	**< 0.060**	0.06	0.1	0.0030	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.060**	0.06	0.1	0.0030	**< 0.060**	0.06	0.1	0.0030
	01-Sep-2012	**< 0.020**	0.02	0.1	0.0010	**< 0.020**	0.020	0.03	0.0003	**< 0.020**	0.020	0.3	0.0030	**< 0.020**	0.020	0.1	0.0010	**< 0.020**	0.020	0.1	0.0010
(Replicate A)	01-Sep-2013	**0.643** [#1]	0.0466	0.1	0.0643	**0.049**	0.049	0.03	0.0015	**0.067** [#1]	0.0466	0.3	0.0201	**< 0.0466**	0.0466	0.1	0.0023	**< 0.0466**	0.0466	0.1	0.0023
(Duplicate)	01-Sep-2013	**0.634**	0.0485	0.1	0.0634	**< 0.0485**	0.0485	0.03	0.0007	**< 0.0485**	0.0485	0.3	0.0073	**< 0.0485**	0.0485	0.1	0.0024	**< 0.0485**	0.0485	0.1	0.0024
(Replicate B)	01-Sep-2013	**0.729**	0.0487	0.1	0.0729	**< 0.0487**	0.0487	0.03	0.0007	**< 0.0487**	0.0487	0.3	0.0073	**< 0.0487**	0.0487	0.1	0.0024	**< 0.0487**	0.0487	0.1	0.0024
	21-Sep-2014	**0.568**	0.0839	0.1	0.0568	**< 0.0569**	0.0569	0.03	0.0009	**0.077** [#1]	0.0569	0.3	0.0231	**< 0.0569**	0.0569	0.1	0.0028	**< 0.0569**	0.0569	0.1	0.0028
(Replicate A)	21-Sep-2014	**0.254** [#1]	0.103	0.1	0.0254	**< 0.0571**	0.0571	0.03	0.0009	**0.079** [#1]	0.0571	0.3	0.0237	**< 0.0571**	0.0571	0.1	0.0029	**< 0.0571**	0.0571	0.1	0.0029
(Replicate B)	21-Sep-2014	**0.301**	0.0574	0.1	0.0301	**< 0.0574**	0.0574	0.03	0.0009	**< 0.0574**	0.0574	0.3	0.0086	**< 0.0574**	0.0574	0.1	0.0029	**< 0.0574**	0.0574	0.1	0.0029
	22-Sep-2015	**0.32**	0.057	0.1	0.0320	**< 0.057**	0.057	0.03	0.0009	**< 0.057**	0.057	0.3	0.0086	**< 0.057**	0.057	0.1	0.0029	**< 0.057**	0.057	0.1	0.0029
(Duplicate)	22-Sep-2015	**0.247** [#1]	0.0573	0.1	0.0247	**< 0.0573**	0.0573	0.03	0.0009	**0.061**	0.0573	0.3	0.0183	**< 0.0573**	0.0573	0.1	0.0029	**< 0.0573**	0.0573	0.1	0.0029
	30-Aug-2016	**0.542**	0.0492	0.1	0.0542	**< 0.0576**	0.0576	0.03	0.0009	**0.084** [#1]	0.0576	0.3	0.0252	**< 0.0576**	0.0576	0.1	0.0029	**< 0.0576**	0.0576	0.1	0.0029
	13-Sep-2017	**0.186**	0.0594	0.1	0.0186	**< 0.0594**	0.0594	0.03	0.0009	**< 0.0594**	0.0594	0.3	0.0089	**< 0.0594**	0.0594	0.1	0.0030	**< 0.0594**	0.0594	0.1	0.0030
(Duplicate)	13-Sep-2017	**0.206**	0.0551	0.1	0.0206	**0.06** [#1]	0.0551	0.03	0.0018	**< 0.0551**	0.0551	0.3	0.0083	**< 0.0551**	0.0551	0.1	0.0028	**< 0.0551**	0.0551	0.1	0.0028
	30-Aug-2018	**0.074**	0.0569	0.1	0.0074	**< 0.0569**	0.0569	0.03	0.0009	**< 0.0569**	0.0569	0.3	0.0085	**< 0.0569**	0.0569	0.1	0.0028	**< 0.0569**	0.0569	0.1	0.0028
	6-Sep-2019	**0.119**	0.058	0.1	0.0119	**0.061** [#1]	0.058	0.03	0.0018	**0.069**	0.058	0.3	0.0207	**< 0.058**	0.058	0.1	0.0029	**< 0.058**	0.058	0.1	0.0029
(Duplicate)	6-Sep-2019	**0.103**	0.0575	0.1	0.0103	**< 0.0575**	0.0575	0.03	0.0009	**< 0.0575**	0.0575	0.3	0.0086	**< 0.0575**	0.0575	0.1	0.0029	**< 0.0575**	0.0575	0.1	0.0029
	26-Aug-2020	**0.078**	0.0497	0.1	0.0078	**< 0.0497**	0.0497	0.03	0.0007	**< 0.0497**	0.0497	0.3	0.0075	**< 0.0497**	0.0497	0.1	0.0025	**< 0.0497**	0.0497	0.1	0.0025
(Duplicate)	26-Aug-2020	**0.067** [#1]	0.05	0.1	0.0067	**< 0.05**	0.05	0.03	0.0008	**< 0.05**	0.05	0.3	0.0075	**< 0.05**	0.05	0.1	0.0025	**< 0.05**	0.05	0.1	0.0025
	30-Sep-2021	**0.0699**	0.054	0.1	0.0070	**< 0.053**	0.053	0.03	0.0008	**< 0.032**	0.032	0.3	0.0048	**< 0.038**	0.038	0.1	0.0019	**< 0.038**	0.038	0.1	0.0019
	13-Oct-2022	**0.0997**	0.029	0.1	0.0100	**< 0.022**	0.022	0.03	0.0003	**< 0.028**	0.028	0.3	0.0042	**< 0.021**	0.021	0.1	0.0011	**< 0.027**	0.027	0.1	0.0014
	14-Sep-2023	**0.248**	0.031	0.1	0.0248	**0.07** [#1]	0.032	0.03	0.0021	**0.049** [#1]	0.03	0.3	0.0147	**< 0.022**	0.022	0.1	0.0011	**< 0.023**	0.023	0.1	0.0012
(Duplicate)	14-Sep-2023	**0.298**	0.044	0.1	0.0298	**0.029** [#1]	0.021	0.03	0.0009	**0.057** [#1]	0.019	0.3	0.0171	**< 0.017**	0.017	0.1	0.0009	**< 0.017**	0.017	0.1	0.0009
	15-Aug-2024	**0.314**	0.05	0.1	0.0314	**<0.0491**	0.028	0.03	0.0015	**<0.0393**	0.026	0.3	0.0118	**<0.044**	0.044	0.1	0.0022	**<0.045**	0.045	0.1	0.0023
Brook Trout 4+	29-Jun-1998	**< 0.7**	0.7	0.1	0.0350	**< 2.5**	2.5	0.03	0.0375	**< 4.0**	4	0.3	0.6000	**< 0.3**	0.3	0.1	0.0150	**< 0.3**	0.3	0.1	0.0150
	01-Sep-1999	**0.7**	0.1	0.1	0.0700	**< 0.3**	0.3	0.03	0.0045	**< 0.3**	0.3	0.3	0.0450	**< 0.2**	0.2	0.1	0.0100	**< 0.2**	0.2	0.1	0.0100
	03-Sep-2000	**< 0.74**	0.74	0.1	0.0370	**< 0.5**	0.5	0.03	0.0075	**< 0.58**	0.58	0.3	0.0870	**< 0.59**	0.59	0.1	0.0295	**< 0.55**	0.55	0.1	0.0275
(Duplicate)	03-Sep-2000	**< 0.49**	0.49	0.1	0.0245	**< 0.21**	0.21	0.03	0.0032	**< 0.25**	0.25	0.3	0.0375	**< 0.43**	0.43	0.1	0.0215	**< 0.44**	0.44	0.1	0.0220
	15-Sep-2004	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.03	0.0015	**< 0.1**	0.1	0.3	0.0150	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
	10-Sep-2005	**< 0.15**	0.15	0.1	0.0075	**< 0.11**	0.11	0.03	0.0017	**< 0.1**	0.1	0.3	0.0150	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
	04-Oct-2006	**1.9**	0.1	0.1	0.1900	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2011	**1.49**	0.07	0.1	0.1490	**< 0.090**	0.09	0.03	0.0014	**< 0.070**	0.07	0.3	0.0105	**< 0.050**	0.05	0.1	0.0025	**< 0.050**	0.05	0.1	0.0025
	01-Sep-2013	**1.6**	0.32	0.1	0.1600	**< 0.29**	0.29	0.03	0.0044	**< 0.29**	0.29	0.3	0.0435	**< 0.213**	0.213	0.1	0.0107	**< 0.213**	0.213	0.1	0.0107
	21-Sep-2014	**0.954**	0.468	0.1	0.0954	**0.065**	0.0556	0.03	0.0020	**0.118** [#1]	0.0556	0.3	0.0354	**< 0.0556**	0.0556	0.1	0.0028	**< 0.0556**	0.0556	0.1	0.0028
	23-Sep-2015	**0.582**	0.0562	0.1	0.0582	**< 0.0562**	0.0562	0.03	0.0008	**0.061** [#1]	0.0562	0.3	0.0183	**< 0.0562**	0.0562	0.1	0.0028	**< 0.0562**	0.0562	0.1	0.0028
(Replicate A)	22-Sep-2015	**0.527** [#1]	0.056	0.1	0.0527	**< 0.056**	0.056	0.03	0.0008	**0.065**	0.056	0.3	0.0195	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.1	0.0028
	30-Aug-2016	**0.521**	0.0492	0.1	0.0521	**< 0.057**	0.057	0.03	0.0009	**0.076**	0.057	0.3	0.0228	**< 0.057**	0.057	0.1	0.0029	**< 0.057**	0.057	0.1	0.0029
	13-Sep-2017	**0.309**	0.0578	0.1	0.0309	**< 0.0578**	0.0578	0.03	0.0009	**< 0.0578**	0.0578	0.3	0.0087	**< 0.0578**	0.0578	0.1	0.0029	**< 0.0578**	0.0578	0.1	0.0029
	30-Aug-2018	**0.094** [#1]	0.0556	0.1	0.0094	**< 0.0556**	0.0556	0.03	0.0008	**< 0.0556**	0.0556	0.3	0.0083	**< 0.0556**	0.0556	0.1	0.0028	**< 0.0556**	0.0556	0.1	0.0028
	26-Aug-2020	**0.088**	0.0499	0.1	0.0088	**< 0.0499**	0.0499	0.03	0.0007	**< 0.0499**	0.0499	0.3	0.0075	**< 0.0499**	0.0499	0.1	0.0025	**< 0.0499**	0.0499	0.1	0.0025
	14-Sep-2023	**0.19** [#1]	0.02	0.1	0.0190	**0.037** [#1]	0.021	0.03	0.0011	**0.0417**	0.02	0.3	0.0125	**< 0.018**	0.018	0.1	0.0009	**< 0.017**	0.017	0.1	0.0009

Furan Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997-2023)

	Date	2,3,7,8-(TCDF)				1,2,3,7,8-(PeCDF)				2,3,4,7,8-(PeCDF)				1,2,3,4,7,8-(HxCDF)				1,2,3,6,7,8-(HxCDF)			
	(dd-mmm-yyyy)	Conc. (pg/g)	D.L. ---	TEF ---	TEQ ---	Conc. (pg/g)	D.L. ---	TEF ---	TEQ ---	Conc. (pg/g)	D.L. ---	TEF ---	TEQ ---	Conc. (pg/g)	D.L. ---	TEF ---	TEQ ---	Conc. (pg/g)	D.L. ---	TEF ---	TEQ ---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Edith Lake - continued																					
	15-Aug-2024	**0.29**	0.042	0.1	0.0290	**0.042** [#1]	0.035	0.03	0.0013	**0.048** [#1]	0.03	0.3	0.0144	**<0.047**	0.047	0.1	0.0024	**<0.048**	0.048	0.1	0.0024
Brook Trout 5+	26-Sep-2001	**0.3**	0.05	0.1	0.0300	**< 0.05**	0.05	0.03	0.0008	**< 0.05**	0.05	0.3	0.0075	**0.1**	0.05	0.1	0.0100	**0.1**	0.05	0.1	0.0100
	15-Sep-2004	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.03	0.0015	**< 0.1**	0.1	0.3	0.0150	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
	10-Sep-2005	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.03	0.0015	**< 0.1**	0.1	0.3	0.0150	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050
	04-Oct-2006	**0.42**	0.1	0.1	0.0420	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
	01-Sep-2011	**< 0.090**	0.09	0.1	0.0045	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.070**	0.07	0.1	0.0035	**< 0.070**	0.07	0.1	0.0035
	01-Sep-2013	**0.634**	0.0463	0.1	0.0634	**< 0.0463**	0.0463	0.03	0.0007	**0.075**	0.0463	0.3	0.0225	**< 0.0463**	0.0463	0.1	0.0023	**< 0.0463**	0.0463	0.1	0.0023
	21-Sep-2014	**0.494**	0.057	0.1	0.0494	**< 0.057**	0.057	0.03	0.0009	**0.121** [#1]	0.057	0.3	0.0363	**< 0.057**	0.057	0.1	0.0029	**< 0.057**	0.057	0.1	0.0029
	30-Aug-2016	**1.27**	0.0491	0.1	0.1270	**0.063**	0.057	0.03	0.0019	**0.147** [#1]	0.057	0.3	0.0441	**< 0.057**	0.057	0.1	0.0029	**< 0.057**	0.057	0.1	0.0029
	30-Sep-2021	**0.087** [#1]	0.061	0.1	0.0087	**0.056** [#1]	0.037	0.03	0.0017	**0.0341**	0.032	0.3	0.0102	**< 0.055**	0.055	0.1	0.0028	**< 0.053**	0.053	0.1	0.0027
	15-Aug-2024	**0.514**	0.057	0.1	0.0514	**0.0647**	0.045	0.03	0.0019	**0.0635**	0.046	0.3	0.0191	**<0.043**	0.043	0.1	0.0022	**<0.048**	0.048	0.1	0.0024
Brook Trout 6+	14-Sep-2023	**0.267**	0.02	0.1	0.0267	**< 0.033**	0.033	0.03	0.0005	**0.0408**	0.031	0.3	0.0122	**< 0.013**	0.013	0.1	0.0007	**< 0.013**	0.013	0.1	0.0007
Brook Trout 7+	10-Sep-2003	**0.3**	0.1	0.1	0.0300	**< 0.1**	0.1	0.03	0.0015	**< 0.1**	0.1	0.3	0.0150	**0.1**	0.1	0.1	0.0100	**< 0.1**	0.1	0.1	0.0050
Brook Trout 8+	10-Sep-2002	**< 0.2**	0.2	0.1	0.0100	**< 0.3**	0.3	0.03	0.0045	**< 0.2**	0.2	0.3	0.0300	**< 0.3**	0.3	0.1	0.0150	**< 0.3**	0.3	0.1	0.0150
Brook Trout 11+	11-Sep-2007	**0.42**	0.1	0.1	0.0420	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
Brook Trout 12+	11-Sep-2007	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050
Brook Trout Unknown	23-Jul-2008	**0.19**	0.1	0.1	0.0190	**< 0.10**	0.1	0.03	0.0015	**0.20**	0.1	0.3	0.0600	**0.18**	0.1	0.1	0.0180	**0.17**	0.1	0.1	0.0170
(Replicate A)	23-Jul-2008	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**0.12**	0.1	0.1	0.0120	**< 0.10**	0.1	0.1	0.0050
(Replicate B)	23-Jul-2008	**0.14**	0.1	0.1	0.0140	**< 0.10**	0.1	0.03	0.0015	**< 0.10**	0.1	0.3	0.0150	**0.10**	0.1	0.1	0.0100	**< 0.10**	0.1	0.1	0.0050
(Replicate C)	23-Jul-2008	**< 0.10**	0.1	0.1	0.0050	**< 0.20**	0.2	0.03	0.0030	**< 0.10**	0.1	0.3	0.0150	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050

NOTES:
1. --- in guideline row(s) denotes no criteria for that parameter.
2. --- in detail data row(s) denotes parameter not analyzed.
3. Highlighting indicates parameters above applied guideline/criteria.
4. Superscript [#1] - Result does not meet all quantification criteria and value denotes the estimated maximum possible concentration (EMPC)

Furan Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997-2023)

	Date	1,2,3,7,8,9-(HxCDF)				2,3,4,6,7,8-(HxCDF)				1,2,3,4,6,7,8-(HpCDF)				1,2,3,4,7,8,9-(HpCDF)				OCDF				Total Furan TEQ
	(dd-mmm-yyyy)	Conc. (pg/g)	D.L. ---	TEF ---	TEQ ---	Conc. (pg/g)	D.L. ---	TEF ---	TEQ ---	Conc. (pg/g)	D.L. ---	TEF ---	TEQ ---	Conc. (pg/g)	D.L. ---	TEF ---	TEQ ---	Conc. (pg/g)	D.L. ---	TEF ---	TEQ ---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.71
Hatchery																						
Brook Trout 0+	24-Jun-1997	**< 0.3**	0.3	0.1	0.0150	**< 0.2**	0.2	0.1	0.0100	**< 0.3**	0.3	0.01	0.0015	**< 0.4**	0.4	0.01	0.0020	**1.2**	0.6	0.0003	0.0004	0.0854
	25-Jun-1998	**< 0.5**	0.5	0.1	0.0250	**< 0.5**	0.5	0.1	0.0250	**< 0.4**	0.4	0.01	0.0020	**< 0.5**	0.5	0.01	0.0025	**< 0.8**	0.8	0.0003	0.0001	0.2981
	01-Sep-1999	**< 0.3**	0.3	0.1	0.0150	**< 0.3**	0.3	0.1	0.0150	**< 0.3**	0.3	0.01	0.0015	**< 0.4**	0.4	0.01	0.0020	**< 0.2**	0.2	0.0003	0.00003	0.1630
	09-Sep-2001	**< 0.1**	0.1	0.1	0.0050	**0.1**	0.1	0.1	0.0100	**0.3** [#1]	0.1	0.01	0.0030	**0.2** [#1]	0.1	0.01	0.0020	**0.4**	0.1	0.0003	0.0001	0.1516
	10-Sep-2002	**< 0.4**	0.4	0.1	0.0200	**< 0.4**	0.4	0.1	0.0200	**< 0.8**	0.8	0.01	0.0040	**< 1.3**	1.3	0.01	0.0065	**< 3.7**	3.7	0.0003	0.0006	0.1371
	6-Sep-2003	**< 0.1**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.1**	0.1	0.01	0.0005	**< 0.2**	0.2	0.01	0.0010	**< 0.5**	0.5	0.0003	0.0001	0.0581
	9-Sep-2004	**< 0.1**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.1**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	0.2220
	10-Sep-2005	**< 0.1**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**0.4**	0.1	0.01	0.0040	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	0.2300
	04-Oct-2006	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	0.0425
	11-Sep-2007	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**0.43**	0.1	0.0003	0.0001	0.0426
	23-Jul-2008	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	0.0425
(Duplicate)	23-Jul-2008	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	0.0425
	11-Aug-2009	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.20**	0.2	0.01	0.0010	**< 0.20**	0.2	0.0003	0.00003	0.0680
	11-Aug-2010	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	0.0425
	01-Sep-2011	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.20**	0.2	0.0003	0.00003	0.0415
	01-Sep-2012	**< 0.050**	0.050	0.1	0.0025	**< 0.040**	0.040	0.1	0.0020	**< 0.10**	0.10	0.01	0.0005	**< 0.10**	0.10	0.01	0.0005	**< 0.090**	0.090	0.0003	0.00001	0.0224
	01-Sep-2013	**< 0.0488**	0.0488	0.1	0.0024	**< 0.0488**	0.0488	0.1	0.0024	**< 0.0488**	0.0488	0.01	0.0002	**< 0.0488**	0.0488	0.01	0.0002	**< 0.0488**	0.0488	0.0003	0.00001	0.0432
	21-Sep-2014	**< 0.0568**	0.0568	0.1	0.0028	**< 0.0568**	0.0568	0.1	0.0028	**< 0.0568**	0.0568	0.01	0.0003	**< 0.0568**	0.0568	0.01	0.0003	**< 0.0568**	0.0568	0.0003	0.00001	0.0423
	22-Sep-2015	**< 0.0563**	0.0563	0.1	0.0028	**< 0.0563**	0.0563	0.1	0.0028	**< 0.0563**	0.0563	0.01	0.0003	**< 0.0563**	0.0563	0.01	0.0003	**< 0.0563**	0.0563	0.0003	0.00001	0.0306
	30-Aug-2016	**< 0.0551**	0.0551	0.1	0.0028	**< 0.0551**	0.0551	0.1	0.0028	**< 0.0551**	0.0551	0.01	0.0003	**< 0.0551**	0.0551	0.01	0.0003	**< 0.0551**	0.0551	0.0003	0.00001	0.0277
	30-Aug-2018	**< 0.0566**	0.0566	0.1	0.0028	**< 0.0566**	0.0566	0.1	0.0028	**< 0.0566**	0.0566	0.01	0.0003	**< 0.0566**	0.0566	0.01	0.0003	**< 0.0566**	0.0566	0.0003	0.00001	0.0241
	6-Sep-2019	**0.091**	0.0574	0.1	0.0091	**< 0.0574**	0.0574	0.1	0.0029	**< 0.0574**	0.0574	0.01	0.0003	**< 0.0574**	0.0574	0.01	0.0003	**0.063** [#1]	0.0574	0.0003	0.00002	0.0306
	26-Aug-2020	**< 0.0496**	0.0496	0.1	0.0025	**< 0.0496**	0.0496	0.1	0.0025	**< 0.0496**	0.0496	0.01	0.0002	**< 0.0496**	0.0496	0.01	0.0002	**< 0.0496**	0.0496	0.0003	0.00001	0.0211
	30-Sep-2021	**< 0.036**	0.0360	0.1	0.0018	**< 0.032**	0.0320	0.1	0.0016	**< 0.036**	0.0360	0.01	0.00018	**< 0.047**	0.0470	0.01	0.000235	**< 0.076**	0.0760	0.0003	0.00001	0.0196
	13-Oct-2022	**< 0.025**	0.0250	0.1	0.00125	**< 0.022**	0.0220	0.1	0.0011	**< 0.031**	0.0310	0.01	0.000155	**< 0.031**	0.0310	0.01	0.000155	**< 0.049**	0.0490	0.0003	0.00001	0.0615
	15-Aug-2024	**< 0.073**	0.0730	0.1	0.00365	**< 0.081**	0.0810	0.1	0.00405	**< 0.079**	0.0790	0.01	0.000395	**< 0.098**	0.0980	0.01	0.00049	**< 0.24**	0.2400	0.0003	0.00004	0.0459
	24-Sep-2025	**< 0.054**	0.0540	0.1	0.0027	**< 0.04**	0.0400	0.1	0.002	**< 0.075**	0.0750	0.01	0.000375	**< 0.073**	0.0730	0.01	0.000365	**< 0.058**	0.0580	0.0003	0.00001	0.0244
Brook Trout 1+	13-Sep-2017	**< 0.059**	0.059	0.1	0.0030	**< 0.059**	0.059	0.1	0.0030	**< 0.059**	0.059	0.01	0.0003	**< 0.059**	0.059	0.01	0.0003	**< 0.059**	0.059	0.0003	0.00001	0.0328
Chrystina Lake																						
Brook Trout 1+	11-Aug-2009	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.20**	0.2	0.01	0.0010	**< 0.20**	0.2	0.01	0.0010	**< 0.30**	0.3	0.0003	0.00005	0.0900
	01-Sep-2011	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.20**	0.2	0.0003	0.00003	0.0575
	01-Sep-2012	**< 0.040**	0.040	0.1	0.0020	**< 0.030**	0.030	0.1	0.0015	**< 0.030**	0.030	0.01	0.0002	**< 0.040**	0.040	0.01	0.0002	**< 0.070**	0.070	0.0003	0.00001	0.1023
(Replicate A)	01-Sep-2013	**< 0.193**	0.193	0.1	0.0097	**< 0.193**	0.193	0.1	0.0097	**< 0.193**	0.193	0.01	0.0010	**< 0.193**	0.193	0.01	0.0010	**< 0.193**	0.193	0.0003	0.00003	0.1216
(Replicate B)	01-Sep-2013	**< 0.0722**	0.0722	0.1	0.0036	**< 0.0722**	0.0722	0.1	0.0036	**< 0.0722**	0.0722	0.01	0.0004	**< 0.0722**	0.0722	0.01	0.0004	**< 0.0722**	0.0722	0.0003	0.00001	0.0884
	23-Sep-2015	**< 0.0567**	0.0567	0.1	0.0028	**< 0.0567**	0.0567	0.1	0.0028	**< 0.0567**	0.0567	0.01	0.0003	**< 0.0567**	0.0567	0.01	0.0003	**< 0.0567**	0.0567	0.0003	0.00001	0.2097
	31-Aug-2016	**< 0.0554**	0.0554	0.1	0.0028	**< 0.0554**	0.0554	0.1	0.0028	**< 0.0554**	0.0554	0.01	0.0003	**< 0.0554**	0.0554	0.01	0.0003	**< 0.0554**	0.0554	0.0003	0.00001	0.0656
	12-Sep-2017	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.01	0.0003	**< 0.056**	0.056	0.01	0.0003	**< 0.056**	0.056	0.0003	0.00001	0.0635
	29-Aug-2018	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.01	0.0003	**< 0.056**	0.056	0.01	0.0003	**< 0.056**	0.056	0.0003	0.00001	0.0694
(Replicate A)	05-Sep-2019	**0.058** [#1]	0.057	0.1	0.0058	**< 0.057**	0.057	0.1	0.0029	**< 0.057**	0.057	0.01	0.0003	**< 0.057**	0.057	0.01	0.0003	**0.063** [#1]	0.57	0.0003	0.00002	0.0528
(Replicate B)	05-Sep-2019	**0.081** [#1]	0.0573	0.1	0.0081	**< 0.0573**	0.0573	0.1	0.0029	**< 0.0573**	0.0573	0.01	0.0003	**< 0.0573**	0.0573	0.01	0.0003	**0.098** [#1]	0.0573	0.0003	0.00003	0.0658
	25-Aug-2020	**< 0.05**	0.05	0.1	0.0025	**< 0.05**	0.05	0.1	0.0025	**< 0.05**	0.05	0.01	0.0003	**< 0.05**	0.05	0.01	0.0003	**< 0.05**	0.05	0.0003	0.00001	0.0575
	29-Sep-2021	**< 0.063**	0.063	0.1	0.00315	**< 0.048**	0.048	0.1	0.0024	**< 0.064**	0.064	0.01	0.0003	**< 0.061**	0.061	0.01	0.0003	**< 0.096**	0.096	0.0003	0.0000144	0.0764
	29-Sep-2021	**< 0.037**	0.037	0.1	0.00185	**< 0.029**	0.029	0.1	0.00145	**< 0.05**	0.05	0.01	0.0003	**< 0.033**	0.033	0.01	0.0002	**< 0.062**	0.062	0.0003	0.0000093	0.0630
	12-Oct-2022	**< 0.038**	0.038	0.1	0.0019	**< 0.03**	0.03	0.1	0.0015	**< 0.032**	0.032	0.01	0.0002	**< 0.029**	0.029	0.01	0.0001	**< 0.079**	0.079	0.0003	0.00001185	0.0534
	13-Sep-2023	**< 0.019**	0.019	0.1	0.0010	**< 0.014**	0.014	0.1	0.0007	**0.026** [#1]	0.026	0.01	0.0003	**< 0.013**	0.013	0.01	0.0001	**0.07** [#1]	0.029	0.0003	0.000021	0.0354

Furan Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997-2023)

	Date	1,2,3,7,8,9-(HxCDF)				2,3,4,6,7,8-(HxCDF)				1,2,3,4,6,7,8-(HpCDF)				1,2,3,4,7,8,9-(HpCDF)				OCDF				Total
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Furan TEQ
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.71
Chrystina Lake - Continued																						
	14-Aug-2024	**< 0.049**	0.049	0.1	0.0025	**< 0.044**	0.044	0.1	0.0022	**0.059**	0.059	0.01	0.0006	**< 0.061**	0.061	0.01	0.0003	**0.096**	0.096	0.0003	0.0000288	0.0668
(Lab Duplicate)	14-Aug-2024	**< 0.059**	0.059	0.1	0.0030	**< 0.053**	0.053	0.1	0.00265	**0.07**	0.07	0.01	0.0007	**< 0.084**	0.084	0.01	0.0004	**0.16**	0.16	0.0003	0.000048	0.0757
	24-Sep-2025	**< 0.071**	0.071	0.1	0.0036	**< 0.05**	0.05	0.1	0.0025	**< 0.046**	0.046	0.01	0.0002	**< 0.053**	0.053	0.01	0.0003	**< 0.3**	0.3	0.0003	0.000045	0.0943
Brook Trout 2+	05-Oct-1995	**< 9.4**	9.4	0.1	0.4700	**< 7.9**	7.9	0.1	0.3950	**< 6.2**	6.2	0.01	0.0310	**< 7.8**	7.8	0.01	0.0390	**< 7.4**	7.4	0.0003	0.0011	**4.3021**
	24-Jun-1997	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.2**	0.2	0.01	0.0010	**< 0.2**	0.2	0.0003	0.00003	**2.1835**
	11-Aug-2009	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.20**	0.2	0.01	0.0010	**< 0.20**	0.2	0.0003	0.00003	0.0580
	11-Aug-2010	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	0.1345
	01-Sep-2011	**< 0.060**	0.06	0.1	0.0030	**< 0.050**	0.05	0.1	0.0025	**< 0.070**	0.07	0.01	0.0004	**< 0.10**	0.1	0.01	0.0005	**< 0.20**	0.2	0.0003	0.00003	0.3384
	01-Sep-2012	**< 0.040**	0.040	0.1	0.0020	**< 0.030**	0.030	0.1	0.0015	**< 0.030**	0.030	0.01	0.0002	**< 0.040**	0.040	0.01	0.0002	**< 0.090**	0.090	0.0003	0.00001	0.0483
	01-Sep-2013	**< 0.0489**	0.0489	0.1	0.0024	**< 0.0489**	0.0489	0.1	0.0024	**< 0.0489**	0.0489	0.01	0.0002	**0.053** [#1]	0.0489	0.01	0.0005	**0.058** [#1]	0.0489	0.0003	0.00002	0.1416
	22-Sep-2014	**< 0.0579**	0.0579	0.1	0.0029	**< 0.0579**	0.0579	0.1	0.0029	**< 0.0579**	0.0579	0.01	0.0003	**< 0.0579**	0.0579	0.01	0.0003	**< 0.0579**	0.0579	0.0003	0.00001	0.1488
(Replicate A)	22-Sep-2014	**< 0.0573**	0.0573	0.1	0.0029	**< 0.0573**	0.0573	0.1	0.0029	**< 0.059**	0.059	0.01	0.0003	**< 0.059**	0.059	0.01	0.0003	**< 0.0573**	0.0573	0.0003	0.00001	0.0893
(Replicate B)	22-Sep-2014	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.01	0.0003	**< 0.056**	0.056	0.01	0.0003	**< 0.056**	0.056	0.0003	0.00001	0.1271
	23-Sep-2015	**< 0.0567**	0.0567	0.1	0.0028	**< 0.0567**	0.0567	0.1	0.0028	**< 0.0567**	0.0567	0.01	0.0003	**< 0.0567**	0.0567	0.01	0.0003	**< 0.0567**	0.0567	0.0003	0.00001	0.2062
	31-Aug-2016	**< 0.0557**	0.0557	0.1	0.0028	**< 0.0557**	0.0557	0.1	0.0028	**< 0.0557**	0.0557	0.01	0.0003	**< 0.0557**	0.0557	0.01	0.0003	**< 0.0557**	0.0557	0.0003	0.00001	0.1729
	12-Sep-2017	**< 0.0582**	0.0582	0.1	0.0029	**< 0.0582**	0.0582	0.1	0.0029	**< 0.0582**	0.0582	0.01	0.0003	**< 0.0582**	0.0582	0.01	0.0003	**< 0.0582**	0.0582	0.0003	0.00001	0.1000
(Replicate A)	12-Sep-2017	**< 0.058**	0.058	0.1	0.0029	**< 0.058**	0.058	0.1	0.0029	**< 0.058**	0.058	0.01	0.0003	**< 0.058**	0.058	0.01	0.0003	**< 0.058**	0.058	0.0003	0.00001	0.0925
	29-Aug-2018	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.01	0.0003	**< 0.056**	0.056	0.01	0.0003	**< 0.056**	0.056	0.0003	0.00001	0.1305
(Replicate A)	05-Sep-2019	**0.074** [#1]	0.0549	0.1	0.0074	**< 0.0549**	0.0549	0.1	0.0027	**< 0.0549**	0.0549	0.01	0.0003	**< 0.0549**	0.0549	0.01	0.0003	**< 0.0549**	0.0549	0.0003	0.00001	0.0888
(Replicate B)	05-Sep-2019	**0.079** [#1]	0.0579	0.1	0.0079	**< 0.0579**	0.0579	0.1	0.0029	**< 0.0579**	0.0579	0.01	0.0003	**< 0.0579**	0.0579	0.01	0.0003	**< 0.0579**	0.0579	0.0003	0.00001	0.0939
(Replicate A)	25-Aug-2020	**0.06** [#1]	0.0498	0.1	0.0060	**< 0.0498**	0.0498	0.1	0.0025	**< 0.0498**	0.0498	0.01	0.0002	**< 0.0498**	0.0498	0.01	0.0002	**< 0.0498**	0.0498	0.0003	0.00001	0.1113
(Replicate B)	25-Aug-2020	**0.052** [#1]	0.0497	0.1	0.0052	**< 0.0497**	0.0497	0.1	0.0025	**< 0.0497**	0.0497	0.01	0.0002	**< 0.0497**	0.0497	0.01	0.0002	**< 0.0497**	0.0497	0.0003	0.00001	0.0889
	29-Sep-2021	**< 0.049**	0.049	0.1	0.00245	**< 0.03**	0.03	0.1	0.0015	**< 0.056**	0.056	0.01	0.0003	**< 0.034**	0.034	0.01	0.0002	**< 0.059**	0.059	0.0003	0.00000885	0.0744
	12-Oct-2022	**< 0.03**	0.03	0.1	0.0015	**< 0.038**	0.038	0.1	0.0019	**< 0.049**	0.049	0.01	0.0002	**< 0.036**	0.036	0.01	0.0002	**< 0.1**	0.1	0.0003	0.000015	0.1445
	13-Sep-2023	**< 0.036**	0.036	0.1	0.0018	**< 0.025**	0.025	0.1	0.0013	**< 0.014**	0.014	0.01	0.0001	**< 0.021**	0.021	0.01	0.0001	**0.037** [#1]	0.026	0.0003	0.0000111	0.0895
	14-Aug-2024	**< 0.044**	0.044	0.1	0.0022	**< 0.029**	0.029	0.1	0.0015	**< 0.053**	0.053	0.01	0.0003	**< 0.061**	0.061	0.01	0.0003	**0.11**	0.11	0.0003	0.0000165	0.0906
(Replicate A)	24-Sep-2025	**< 0.098**	0.098	0.1	0.0049	**< 0.07**	0.07	0.1	0.0035	**< 0.026**	0.026	0.01	0.0001	**< 0.05**	0.05	0.01	0.0003	**< 0.1**	0.1	0.0003	0.000015	0.1151
(Replicate B)	24-Sep-2025	**< 0.056**	0.056	0.1	0.0028	**< 0.04**	0.04	0.1	0.0020	**0.0665**	0.018	0.01	0.0007	**< 0.041**	0.041	0.01	0.0002	**< 0.075**	0.075	0.0003	0.00001125	0.2734
Brook Trout 3+	24-Jun-1997	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.01	0.0005	**< 0.2**	0.2	0.01	0.0010	**< 0.3**	0.3	0.0003	0.00005	**1.0275**
	04-Sep-2000	**< 0.35**	0.35	0.1	0.0175	**< 0.28**	0.28	0.1	0.0140	**< 0.2**	0.2	0.01	0.0010	**< 0.27**	0.27	0.01	0.0014	**< 0.45**	0.45	0.0003	0.0001	0.3417
	04-Oct-2006	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	0.0715
	11-Aug-2010	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	0.0525
(Duplicate)	11-Aug-2010	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.20**	0.2	0.01	0.0010	**< 0.10**	0.1	0.0003	0.00002	0.1220
(Replicate A)	01-Sep-2012	**< 0.050**	0.050	0.1	0.0025	**< 0.040**	0.040	0.1	0.0020	**< 0.040**	0.040	0.01	0.0002	**< 0.060**	0.060	0.01	0.0003	**< 0.10**	0.10	0.0003	0.00002	0.1113
(Duplicate)	01-Sep-2012	**< 0.040**	0.040	0.1	0.0020	**< 0.030**	0.030	0.1	0.0015	**< 0.040**	0.040	0.01	0.0002	**< 0.050**	0.050	0.01	0.0003	**< 0.10**	0.10	0.0003	0.00002	0.1552
(Replicate B)	01-Sep-2012	**< 0.050**	0.050	0.1	0.0025	**< 0.050**	0.050	0.1	0.0025	**< 0.050**	0.050	0.01	0.0003	**< 0.070**	0.070	0.01	0.0004	**< 0.10**	0.10	0.0003	0.00002	0.0225
(Replicate C)	01-Sep-2013	**< 0.0644**	0.0644	0.1	0.0032	**< 0.0644**	0.0644	0.1	0.0032	**< 0.0644**	0.0644	0.01	0.0003	**< 0.0644**	0.0644	0.01	0.0003	**< 0.0644**	0.0644	0.0003	0.00001	0.1134
(Replicate D)	01-Sep-2013	**< 0.0651**	0.0651	0.1	0.0033	**< 0.0651**	0.0651	0.1	0.0033	**< 0.0651**	0.0651	0.01	0.0003	**< 0.0651**	0.0651	0.01	0.0003	**< 0.0651**	0.0651	0.0003	0.00001	0.1042
	22-Sep-2014	**< 0.0578**	0.0578	0.1	0.0029	**< 0.0578**	0.0578	0.1	0.0029	**< 0.0578**	0.0578	0.01	0.0003	**< 0.0578**	0.0578	0.01	0.0003	**< 0.0578**	0.0578	0.0003	0.00001	0.1475
(Duplicate)	22-Sep-2014	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.01	0.0003	**< 0.056**	0.056	0.01	0.0003	**0.094** [#1]	0.056	0.0003	0.00003	0.1587
(Replicate A)	22-Sep-2014	**< 0.0567**	0.0567	0.1	0.0028	**< 0.0567**	0.0567	0.1	0.0028	**< 0.0567**	0.0567	0.01	0.0003	**< 0.0567**	0.0567	0.01	0.0003	**< 0.0567**	0.0567	0.0003	0.00001	0.1538
(Replicate B)	22-Sep-2014	**< 0.0574**	0.0574	0.1	0.0029	**< 0.0574**	0.0574	0.1	0.0029	**< 0.0574**	0.0574	0.01	0.0003	**< 0.0574**	0.0574	0.01	0.0003	**< 0.0574**	0.0574	0.0003	0.00001	0.0776
	23-Sep-2015	**< 0.0572**	0.0572	0.1	0.0029	**< 0.0572**	0.0572	0.1	0.0029	**< 0.0572**	0.0572	0.01	0.0003	**< 0.0572**	0.0572	0.01	0.0003	**< 0.0572**	0.0572	0.0003	0.00001	0.2241
	31-Aug-2016	**< 0.0551**	0.0551	0.1	0.0028	**< 0.0551**	0.0551	0.1	0.0028	**< 0.0551**	0.0551	0.01	0.0003	**< 0.0551**	0.0551	0.01	0.0003	**< 0.0551**	0.0551	0.0003	0.00001	0.2085
(Duplicate)	31-Aug-2016	**< 0.0561**	0.0561	0.1	0.0028	**< 0.0561**	0.0561	0.1	0.0028	**< 0.0561**	0.0561	0.01	0.0003	**< 0.0561**	0.0561	0.01	0.0003	**< 0.0561**	0.0561	0.0003	0.00001	0.2062
(Replicate A)	31-Aug-2016	**< 0.0546**	0.0546	0.1	0.0027	**< 0.0546**	0.0546	0.1	0.0027	**< 0.0546**	0.0546	0.01	0.0003	**< 0.0546**	0.0546	0.01	0.0003	**< 0.0546**	0.0546	0.0003	0.00001	0.2223
	12-Sep-2017	**< 0.0559**	0.0559	0.1	0.0028	**< 0.0559**	0.0559	0.1	0.0028	**< 0.0559**	0.0559	0.01	0.0003	**< 0.0559**	0.0559	0.01	0.0003	**< 0.0559**	0.0559	0.0003	0.00001	0.1186
(Duplicate)	12-Sep-2017	**< 0.0588**	0.0588	0.1	0.0029	**< 0.0588**	0.0588	0.1	0.0029	**< 0.0588**	0.0588	0.01	0.0003	**< 0.0588**	0.0588	0.01	0.0003	**< 0.0588**	0.0588	0.0003	0.00001	0.1250

Furan Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997-2023)

	Date	1,2,3,7,8,9-(HxCDF)				2,3,4,6,7,8-(HxCDF)				1,2,3,4,6,7,8-(HpCDF)				1,2,3,4,7,8,9-(HpCDF)				OCDF				Total
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Furan TEQ
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.71
Chrystina Lake - Continued																						
	29-Aug-2018	**< 0.0493**	0.0493	0.1	0.0025	**< 0.0493**	0.0493	0.1	0.0025	**< 0.0493**	0.0493	0.01	0.0002	**< 0.0493**	0.0493	0.01	0.0002	**< 0.0493**	0.0493	0.0003	0.00001	0.1137
(Duplicate)	29-Aug-2018	**< 0.0548**	0.0548	0.1	0.0027	**< 0.0548**	0.0548	0.1	0.0027	**< 0.0548**	0.0548	0.01	0.0003	**< 0.0548**	0.0548	0.01	0.0003	**< 0.0548**	0.0548	0.0003	0.00001	0.1038
(Duplicate)	29-Aug-2018	**< 0.0548**	0.0548	0.1	0.0027	**< 0.0548**	0.0548	0.1	0.0027	**< 0.0548**	0.0548	0.01	0.0003	**< 0.0548**	0.0548	0.01	0.0003	**< 0.0548**	0.0548	0.0003	0.00001	0.1099
	05-Sep-2019	**0.082**	0.0556	0.1	0.0082	**< 0.0556**	0.0556	0.1	0.0028	**< 0.0556**	0.0556	0.01	0.0003	**< 0.0556**	0.0556	0.01	0.0003	**< 0.0556**	0.0556	0.0003	0.00001	0.1415
(Lab - Duplicate)	05-Sep-2019	**< 0.0575**	0.0575	0.1	0.0029	**< 0.0575**	0.0575	0.1	0.0029	**< 0.0575**	0.0575	0.01	0.0003	**< 0.0575**	0.0575	0.01	0.0003	**< 0.0575**	0.0575	0.0003	0.00001	0.1181
	29-Sep-2021	**< 0.047**	0.047	0.1	0.0024	**< 0.044**	0.044	0.1	0.0022	**< 0.055**	0.055	0.01	0.0003	**< 0.041**	0.041	0.01	0.0002	**< 0.099**	0.099	0.0003	0.00001	0.0725
	29-Sep-2021	**< 0.058**	0.058	0.1	0.0029	**< 0.055**	0.055	0.1	0.0028	**< 0.058**	0.058	0.01	0.0003	**< 0.057**	0.057	0.01	0.0003	**0.096** [#1]	0.085	0.0003	0.00003	0.1380
	12-Oct-2022	**< 0.033**	0.033	0.1	0.0017	**< 0.029**	0.029	0.1	0.0015	**< 0.04**	0.04	0.01	0.0002	**< 0.028**	0.028	0.01	0.0001	**< 0.073**	0.073	0.0003	0.00001	0.0678
	13-Sep-2023	**< 0.028**	0.028	0.1	0.0014	**< 0.021**	0.021	0.1	0.0011	**< 0.0093**	0.0093	0.01	0.00005	**< 0.014**	0.014	0.01	0.0001	**< 0.035**	0.035	0.0003	0.00001	0.1324
(Lab - Duplicate)	13-Sep-2023	**< 0.037**	0.037	0.1	0.0019	**< 0.026**	0.026	0.1	0.0013	**< 0.01**	0.01	0.01	0.00005	**< 0.016**	0.016	0.01	0.0001	**< 0.044**	0.044	0.0003	0.00001	0.1003
	14-Aug-2024	**< 0.046**	0.046	0.1	0.0023	**< 0.043**	0.043	0.1	0.0022	**< 0.056**	0.056	0.01	0.00028	**< 0.058**	0.058	0.01	0.0003	**0.12**	0.12	0.0003	0.00002	0.0960
(Duplicate)	14-Aug-2024	**< 0.051**	0.051	0.1	0.0026	**< 0.039**	0.039	0.1	0.0020	**< 0.062**	0.062	0.01	0.00031	**< 0.064**	0.064	0.01	0.0003	**0.13**	0.13	0.0003	0.00002	0.1025
(Replicate A)	24-Sep-2025	**< 0.11**	0.11	0.1	0.0055	**< 0.078**	0.078	0.1	0.0039	**0.18** [#1]	0.024	0.01	0.00180	**< 0.032**	0.032	0.01	0.0002	**0.298** [#1]	0.058	0.0003	0.00009	0.2483
(Duplicate)	24-Sep-2025	**< 0.061**	0.061	0.1	0.0031	**< 0.046**	0.046	0.1	0.0023	**< 0.075**	0.075	0.01	0.00038	**< 0.051**	0.051	0.01	0.0003	**< 0.05**	0.05	0.0003	0.00001	0.4740
(Replicate B)	24-Sep-2025	**< 0.064**	0.064	0.1	0.0032	**< 0.046**	0.046	0.1	0.0023	**< 0.044**	0.044	0.01	0.00022	**< 0.041**	0.041	0.01	0.0002	**< 0.063**	0.063	0.0003	0.00001	0.1222
Brook Trout 4+	27-Jun-1998	**< 1.0**	1	0.1	0.0500	**< 1.1**	1.1	0.1	0.0550	**< 0.5**	0.5	0.01	0.0025	**< 0.7**	0.7	0.01	0.0035	**< 0.6**	0.6	0.0003	0.0001	**2.0341**
	01-Sep-1999	**< 0.6**	0.6	0.1	0.0300	**< 0.5**	0.5	0.1	0.0250	**0.9**	0.3	0.01	0.0090	**< 0.7**	0.7	0.01	0.0035	**2.8**	0.5	0.0003	0.0008	0.3413
	10-Sep-2001	**< 0.05**	0.05	0.1	0.0025	**0.1**	0.05	0.1	0.0100	**0.2**	0.05	0.01	0.0020	**< 0.1**	0.1	0.01	0.0005	**0.4**	0.1	0.0003	0.0001	0.3611
	04-Oct-2006	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	0.1575
(Duplicate)	04-Oct-2006	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	0.1575
	01-Sep-2011	**< 0.10**	0.1	0.1	0.0050	**< 0.090**	0.09	0.1	0.0045	**< 0.10**	0.1	0.01	0.0005	**< 0.20**	0.2	0.01	0.0010	**< 0.20**	0.2	0.0003	0.00003	0.3235
	01-Sep-2013	**< 0.0496**	0.0496	0.1	0.0025	**< 0.0496**	0.0496	0.1	0.0025	**< 0.0496**	0.0496	0.01	0.0002	**< 0.0496**	0.0496	0.01	0.0002	**< 0.0496**	0.0496	0.0003	0.00001	0.3174
	22-Sep-2014	**< 0.0574**	0.0574	0.1	0.0029	**0.059** [#1]	0.0574	0.1	0.0059	**< 0.0574**	0.0574	0.01	0.0003	**< 0.0574**	0.0574	0.01	0.0003	**0.101** [#1]	0.0574	0.0003	0.00003	0.3150
	23-Sep-2015	**< 0.0557**	0.0557	0.1	0.0028	**< 0.0557**	0.0557	0.1	0.0028	**< 0.0557**	0.0557	0.01	0.0003	**< 0.0557**	0.0557	0.01	0.0003	**< 0.0557**	0.0557	0.0003	0.00001	0.1858
(Replicate A)	23-Sep-2015	**< 0.0562**	0.0562	0.1	0.0028	**< 0.0562**	0.0562	0.1	0.0028	**< 0.0562**	0.0562	0.01	0.0003	**< 0.0562**	0.0562	0.01	0.0003	**< 0.0562**	0.0562	0.0003	0.00001	0.2165
	12-Sep-2017	**< 0.0582**	0.0582	0.1	0.0029	**< 0.0582**	0.0582	0.1	0.0029	**< 0.0582**	0.0582	0.01	0.0003	**< 0.0582**	0.0582	0.01	0.0003	**< 0.0582**	0.0582	0.0003	0.00001	0.1897
(Replicate A)	29-Aug-2018	**< 0.0558**	0.0558	0.1	0.0028	**< 0.0558**	0.0558	0.1	0.0028	**< 0.0558**	0.0558	0.01	0.0003	**< 0.0558**	0.0558	0.01	0.0003	**< 0.0558**	0.0558	0.0003	0.00001	0.2078
(Replicate B)	29-Aug-2018	**< 0.05**	0.05	0.1	0.0025	**< 0.05**	0.05	0.1	0.0025	**< 0.05**	0.05	0.01	0.0003	**< 0.05**	0.05	0.01	0.0003	**0.097** [#1]	0.0737	0.0003	0.00003	0.1110
(Replicate C)	29-Aug-2018	**< 0.0561**	0.0561	0.1	0.0028	**< 0.0561**	0.0561	0.1	0.0028	**< 0.0561**	0.0561	0.01	0.0003	**< 0.0561**	0.0561	0.01	0.0003	**< 0.0561**	0.0561	0.0003	0.00001	0.1418
	25-Aug-2020	**< 0.0496**	0.0496	0.1	0.0025	**< 0.0496**	0.0496	0.1	0.0025	**< 0.0496**	0.0496	0.01	0.0002	**< 0.0496**	0.0496	0.01	0.0002	**< 0.0496**	0.0496	0.0003	0.00001	0.0861
	29-Sep-2021	**< 0.026**	0.026	0.1	0.0013	**< 0.029**	0.029	0.1	0.0015	**< 0.032**	0.032	0.01	0.0002	**< 0.035**	0.035	0.01	0.0002	**< 0.08**	0.08	0.0003	0.00001	0.0897
	24-Sep-2025	**< 0.19**	0.19	0.1	0.0095	**< 0.17**	0.17	0.1	0.0085	**< 0.7**	0.7	0.01	0.0035	**< 0.24**	0.24	0.01	0.0012	**< 0.43**	0.43	0.0003	0.00006	0.0981
Brook Trout 5+	05-Oct-1995	**< 9.1**	9.1	0.1	0.4550	**< 7.0**	7	0.1	0.3500	**< 4.9**	4.9	0.01	0.0245	**< 6.5**	6.5	0.01	0.0325	**< 6.2**	6.2	0.0003	0.0009	**5.8914**
	01-Sep-1999	**< 0.4**	0.4	0.1	0.0200	**< 0.3**	0.3	0.1	0.0150	**< 0.2**	0.2	0.01	0.0010	**< 0.4**	0.4	0.01	0.0020	**< 0.5**	0.5	0.0003	0.0001	0.2816
	04-Sep-2000	**< 0.3**	0.3	0.1	0.0150	**< 0.27**	0.27	0.1	0.0135	**< 0.18**	0.18	0.01	0.0009	**< 0.25**	0.25	0.01	0.0013	**< 0.44**	0.44	0.0003	0.0001	0.3270
	10-Sep-2002	**< 0.7**	0.7	0.1	0.0350	**< 0.5**	0.5	0.1	0.0250	**< 0.8**	0.8	0.01	0.0040	**< 1.2**	1.2	0.01	0.0060	**< 2.4**	2.4	0.0003	0.0004	0.2614
	07-Sep-2003	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.2**	0.2	0.01	0.0010	**< 0.3**	0.3	0.01	0.0015	**< 0.6**	0.6	0.0003	0.0001	0.1341
	12-Sep-2004	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.1**	0.1	0.01	0.0005	**< 0.1**	0.1	0.01	0.0005	**< 0.1**	0.1	0.0003	0.00002	0.1770
	10-Sep-2005	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**0.4**	0.1	0.01	0.0040	**< 0.1**	0.1	0.01	0.0005	**< 0.1**	0.1	0.0003	0.00002	0.2300
	04-Oct-2006	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	0.0735
	11-Sep-2007	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**0.28**	0.1	0.0003	0.0001	0.2356
	01-Sep-2013	**< 0.0712**	0.0712	0.1	0.0036	**< 0.0712**	0.0712	0.1	0.0036	**< 0.0712**	0.0712	0.01	0.0004	**< 0.0712**	0.0712	0.01	0.0004	**< 0.0712**	0.0712	0.0003	0.00001	0.6411
	23-Sep-2015	**< 0.0572**	0.0572	0.1	0.0029	**< 0.0572**	0.0572	0.1	0.0029	**< 0.0572**	0.0572	0.01	0.0003	**< 0.0572**	0.0572	0.01	0.0003	**< 0.0572**	0.0572	0.0003	0.00001	0.2218
	30-Aug-2016	**< 0.0564**	0.0564	0.1	0.0028	**< 0.0564**	0.0564	0.1	0.0028	**< 0.0564**	0.0564	0.01	0.0003	**< 0.0564**	0.0564	0.01	0.0003	**< 0.0564**	0.0564	0.0003	0.00001	0.1237
	12-Sep-2017	**< 0.058**	0.058	0.1	0.0029	**< 0.058**	0.058	0.1	0.0029	**< 0.058**	0.058	0.01	0.0003	**< 0.058**	0.058	0.01	0.0003	**< 0.058**	0.058	0.0003	0.00001	0.2773
	29-Sep-2021	< 0.035	0.035	0.1	0.00175	**< 0.036**	0.036	0.1	0.0018	**< 0.048**	0.048	0.01	0.00024	**< 0.041**	0.041	0.01	0.000205	**< 0.062**	0.062	0.0003	0.0000093	0.1177
Brook Trout 6+	27-Jun-1998	**< 0.5**	0.5	0.1	0.0250	**< 0.5**	0.5	0.1	0.0250	**< 0.5**	0.5	0.01	0.0025	**< 0.6**	0.6	0.01	0.0030	**< 0.6**	0.6	0.0003	0.0001	**0.7481**
	11-Sep-2001	**< 0.1**	0.1	0.1	0.0050	**< 0.05**	0.05	0.1	0.0025	**0.3**	0.1	0.01	0.0030	**< 0.1**	0.1	0.01	0.0005	**< 0.1**	0.1	0.0003	0.00002	0.2770

Furan Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997-2023)

	Date	1,2,3,7,8,9-(HxCDF)				2,3,4,6,7,8-(HxCDF)				1,2,3,4,6,7,8-(HpCDF)				1,2,3,4,7,8,9-(HpCDF)				OCDF				Total
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Furan TEQ
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.71
Chrystina Lake - Continued																						
	10-Sep-2005	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.01	0.0005	**< 0.1**	0.1	0.01	0.0005	**< 0.1**	0.1	0.0003	0.00002	0.1975
(Duplicate)	10-Sep-2005	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.01	0.0005	**< 0.1**	0.1	0.01	0.0005	**< 0.1**	0.1	0.0003	0.00002	0.1875
	11-Sep-2007	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	0.1785
Brook Trout 7+	10-Sep-2002	**< 0.6**	0.6	0.1	0.0300	**< 0.5**	0.5	0.1	0.0250	**< 0.8**	0.8	0.01	0.0040	**< 1.1**	1.1	0.01	0.0055	**< 2.5**	2.5	0.0003	0.0004	0.2409
(Duplicate)	10-Sep-2002	**< 0.4**	0.4	0.1	0.0200	**< 0.3**	0.3	0.1	0.0150	**< 0.7**	0.7	0.01	0.0035	**< 1.1**	1.1	0.01	0.0055	**< 3.3**	3.3	0.0003	0.0005	0.1540
	06-Sep-2003	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.20**	0.2	0.01	0.0010	**< 0.20**	0.2	0.0003	0.00003	0.1330
(Duplicate)	06-Sep-2003	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.20**	0.2	0.01	0.0010	**< 0.40**	0.4	0.0003	0.0001	0.1881
	12-Sep-2004	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	0.1325
(Duplicate)	12-Sep-2004	**0.1**	0.1	0.1	0.0100	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.40**	0.4	0.0003	0.0001	0.3251
	10-Sep-2005	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	0.2685
	11-Sep-2007	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**0.34**	0.1	0.0003	0.0001	0.1226
(Duplicate)	11-Sep-2007	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**0.32**	0.1	0.0003	0.0001	0.0766
Brook Trout 9+	12-Sep-2004	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.2**	0.2	0.0003	0.00003	0.0920
Brook Trout 11+	11-Sep-2007	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**0.22**	0.1	0.0003	0.0001	0.3086
Brook Trout 12+	11-Sep-2007	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**0.22**	0.1	0.0003	0.0001	0.3336
Brook Trout Unknown	23-Jul-2008	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.20**	0.2	0.0003	0.00003	0.0835
(Replicate)	23-Jul-2008	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	0.0425
(Replicate A)	23-Jul-2008	**< 0.10**	0.1	0.1	0.0050	**0.19**	0.1	0.1	0.0190	**< 0.10**	0.1	0.01	0.0005	**< 0.20**	0.2	0.01	0.0010	**< 0.30**	0.3	0.0003	0.00005	0.0855
(Replicate B)	23-Jul-2008	**0.20**	0.1	0.1	0.0200	**0.20**	0.1	0.1	0.0200	**0.31**	0.1	0.01	0.0031	**< 0.10**	0.1	0.01	0.0005	**0.49**	0.1	0.0003	0.0001	0.1432
(Replicate C)	23-Jul-2008	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.20**	0.2	0.01	0.0010	**< 0.10**	0.1	0.0003	0.00002	0.0520
	12-Oct-2022	**< 0.027**	0.027	0.1	0.0014	**< 0.019**	0.019	0.1	0.0010	**< 0.026**	0.026	0.01	0.0001	**< 0.013**	0.013	0.01	0.0001	**< 0.056**	0.056	0.0003	0.000008	0.0767
(Replicate A)	13-Sep-2023	**< 0.05**	0.05	0.1	0.0025	**< 0.036**	0.036	0.1	0.0018	**< 0.012**	0.012	0.01	0.0001	**< 0.018**	0.018	0.01	0.0001	**< 0.053**	0.053	0.0003	0.000008	0.0692
(Replicate B)	13-Sep-2023	**< 0.026**	0.026	0.1	0.0013	**< 0.02**	0.02	0.1	0.0010	**0.02** [#1]	0.009	0.01	0.0002	**< 0.012**	0.012	0.01	0.0001	**< 0.021**	0.021	0.0003	0.000003	0.0671
(Replicate A)	14-Aug-2024	**< 0.063**	0.063	0.1	0.0032	**< 0.057**	0.057	0.1	0.0029	**< 0.058**	0.058	0.01	0.0006	**< 0.073**	0.073	0.01	0.0004	**< 0.14**	0.14	0.0003	0.000021	0.1068
(Replicate B)	14-Aug-2024	**< 0.043**	0.043	0.1	0.0022	**< 0.062**	0.062	0.1	0.0031	**< 0.061**	0.061	0.01	0.0006	**< 0.057**	0.057	0.01	0.0003	**< 0.097**	0.097	0.0003	0.000015	0.1599
(Replicate C)	14-Aug-2024	**< 0.061**	0.061	0.1	0.0031	**< 0.055**	0.055	0.1	0.0028	**< 0.088**	0.088	0.01	0.0009	**< 0.086**	0.086	0.01	0.0004	**< 0.18**	0.18	0.0003	0.000027	0.0908
	24-Sep-2025	**< 0.088**	0.088	0.1	0.0044	**< 0.054**	0.054	0.1	0.0027	**< 0.058**	0.058	0.01	0.0003	**< 0.083**	0.083	0.01	0.0004	**< 0.12**	0.12	0.0003	0.000018	0.3145
White Sucker 1+	21-Sep-2014	**< 0.0579**	0.0579	0.1	0.0029	**< 0.0579**	0.0579	0.1	0.0029	**< 0.0579**	0.0579	0.01	0.0003	**< 0.0579**	0.0579	0.01	0.0003	**< 0.0579**	0.0579	0.0003	0.00001	0.0477
White Sucker 2+	22-Sep-2014	**< 0.0573**	0.0573	0.1	0.0029	**< 0.0573**	0.0573	0.1	0.0029	**< 0.0573**	0.0573	0.01	0.0003	**< 0.0573**	0.0573	0.01	0.0003	**< 0.0573**	0.0573	0.0003	0.00001	0.0428
White Sucker 5+	25-Jun-1997	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.01	0.0005	**< 0.2**	0.2	0.01	0.0010	**< 0.2**	0.2	0.0003	0.00003	**3.0465**
White Sucker 6+	24-Jun-1997	**< 0.3**	0.3	0.1	0.0150	**< 0.2**	0.2	0.1	0.0100	**< 0.2**	0.2	0.01	0.0010	**< 0.2**	0.2	0.01	0.0010	**< 0.2**	0.2	0.0003	0.00003	**3.5090**
	25-Jun-1998	**< 0.9**	0.9	0.1	0.0450	**< 0.7**	0.7	0.1	0.0350	**< 1.4**	1.4	0.01	0.0070	**< 2.1**	2.1	0.01	0.0105	**< 1.5**	1.5	0.0003	0.0002	0.4497

Furan Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997-2023)

	Date	1,2,3,7,8,9-(HxCDF)				2,3,4,6,7,8-(HxCDF)				1,2,3,4,6,7,8-(HpCDF)				1,2,3,4,7,8,9-(HpCDF)				OCDF				Total
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Furan TEQ
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.71
Chrystina Lake - Continued																						
	12-Sep-2004	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.01	0.0005	**< 0.1**	0.1	0.01	0.0005	**< 0.2**	0.2	0.0003	0.00003	0.0725
	11-Sep-2007	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**0.20**	0.1	0.0003	0.0001	0.0426
White Sucker 7+	11-Sep-2007	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**0.26**	0.1	0.0003	0.0001	0.0426
White Sucker 8+	27-Jun-1998	**< 0.7**	0.7	0.1	0.0350	**< 0.5**	0.5	0.1	0.0250	**< 1.2**	1.2	0.01	0.0060	**< 1.5**	1.5	0.01	0.0075	**< 1.7**	1.7	0.0003	0.0003	0.6198
	11-Sep-2007	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**0.16**	0.1	0.01	0.0016	**< 0.10**	0.1	0.01	0.0005	**0.43**	0.1	0.0003	0.0001	0.0437
	11-Aug-2009	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.20**	0.2	0.01	0.0010	**< 0.20**	0.2	0.01	0.0010	**< 0.20**	0.2	0.0003	0.00003	0.0635
White Sucker 9+	02-Sep-2000	**< 0.35**	0.35	0.1	0.0175	**< 0.31**	0.31	0.1	0.0155	**< 0.21**	0.21	0.01	0.0011	**< 0.25**	0.25	0.01	0.0013	**< 0.53**	0.53	0.0003	0.0001	0.2111
	12-Sep-2004	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**0.1**	0.1	0.01	0.0010	**< 0.1**	0.1	0.01	0.0005	**< 0.1**	0.1	0.0003	0.00002	0.0630
	11-Sep-2007	**< 0.10**	0.1	0.1	0.0050	**0.12**	0.1	0.1	0.0120	**0.22**	0.1	0.01	0.0022	**< 0.10**	0.1	0.01	0.0005	**0.53**	0.1	0.0003	0.0002	0.2884
White Sucker 10+	11-Aug-2009	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.20**	0.2	0.0003	0.00003	0.0525
White Sucker 11+	12-Sep-2004	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.01	0.0005	**< 0.1**	0.1	0.01	0.0005	**< 0.1**	0.1	0.0003	0.00002	0.0735
Forage Fish	4-Nov-2014	**< 0.0551**	0.0551	0.1	0.0028	**< 0.0551**	0.0551	0.1	0.0028	**< 0.0551**	0.0551	0.01	0.0003	**< 0.0551**	0.0551	0.01	0.0003	**< 0.0551**	0.0551	0.0003	0.00001	0.0439
Aquatic Invertebrates	22-Aug-2014	**< 0.281**	0.281	0.1	0.0141	**< 0.281**	0.281	0.1	0.0141	**< 0.281**	0.281	0.01	0.0014	**< 0.281**	0.281	0.01	0.0014	**< 0.281**	0.281	0.0003	0.00004	0.2081
Edith Lake																						
Brook Trout 1+	11-Aug-2009	**0.32**	0.1	0.1	0.0320	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**0.31** [#1]	0.1	0.01	0.0031	**< 0.10**	0.1	0.0003	0.00002	0.0771
	01-Sep-2011	**< 0.20**	0.2	0.1	0.0100	**< 0.20**	0.2	0.1	0.0100	**< 0.20**	0.2	0.01	0.0010	**< 0.20**	0.2	0.01	0.0010	**< 0.20**	0.2	0.0003	0.00003	0.0865
(Duplicate)	01-Sep-2011	**< 0.060**	0.06	0.1	0.0030	**< 0.040**	0.04	0.1	0.0020	**< 0.070**	0.07	0.01	0.0004	**< 0.090**	0.09	0.01	0.0005	**< 0.20**	0.2	0.0003	0.00003	0.0245
	01-Sep-2012	**< 0.040**	0.040	0.1	0.0020	**< 0.030**	0.030	0.1	0.0015	**< 0.070**	0.070	0.01	0.0004	**< 0.090**	0.090	0.01	0.0005	**< 0.070**	0.070	0.0003	0.00001	0.0154
	22-Sep-2015	**< 0.0559**	0.0559	0.1	0.0028	**< 0.0559**	0.0559	0.1	0.0028	**< 0.0559**	0.0559	0.01	0.0003	**< 0.0559**	0.0559	0.01	0.0003	**< 0.0559**	0.0559	0.0003	0.00001	0.0404
	30-Aug-2016	**< 0.0548**	0.0548	0.1	0.0027	**< 0.0548**	0.0548	0.1	0.0027	**< 0.0548**	0.0548	0.01	0.0003	**< 0.0548**	0.0548	0.01	0.0003	**< 0.0548**	0.0548	0.0003	0.00001	0.0303
	13-Sep-2017	**< 0.0584**	0.0584	0.1	0.0029	**< 0.0584**	0.0584	0.1	0.0029	**< 0.0584**	0.0584	0.01	0.0003	**< 0.0584**	0.0584	0.01	0.0003	**< 0.0584**	0.0584	0.0003	0.00001	0.0395
	30-Aug-2018	**< 0.0551**	0.0551	0.1	0.0028	**< 0.0551**	0.0551	0.1	0.0028	**0.119** [#1]	0.0551	0.01	0.0012	**< 0.0551**	0.0551	0.01	0.0003	**< 0.0551**	0.0551	0.0003	0.00001	0.0304
(Replicate A)	6-Sep-2019	**< 0.058**	0.058	0.1	0.0029	**< 0.058**	0.058	0.1	0.0029	**< 0.058**	0.058	0.01	0.0003	**< 0.058**	0.058	0.01	0.0003	**< 0.058**	0.058	0.0003	0.00001	0.0328
(Replicate B)	6-Sep-2019	**< 0.0564**	0.0564	0.1	0.0028	**< 0.0564**	0.0564	0.1	0.0028	**< 0.0564**	0.0564	0.01	0.0003	**< 0.0564**	0.0564	0.01	0.0003	**< 0.0564**	0.0564	0.0003	0.00001	0.0341
	26-Aug-2020	**0.052** [#1]	0.0493	0.1	0.0052	**< 0.0493**	0.0493	0.1	0.0025	**< 0.0493**	0.0493	0.01	0.0002	**< 0.0493**	0.0493	0.01	0.0002	**0.052**	0.0493	0.0003	0.00002	0.0327
	30-Sep-2021	**< 0.038**	0.038	0.1	0.0019	**< 0.033**	0.033	0.1	0.0017	**0.0363**	0.025	0.01	0.000363	**< 0.032**	0.032	0.01	0.00016	**< 0.066**	0.066	0.0003	0.0000099	0.0183
	13-Oct-2022	**< 0.027**	0.027	0.1	0.0014	**< 0.02**	0.02	0.1	0.0010	**< 0.03**	0.03	0.01	0.00015	**< 0.022**	0.022	0.01	0.00011	**< 0.044**	0.044	0.0003	0.0000066	0.0185
	14-Sep-2023	**< 0.02**	0.02	0.1	0.0010	**< 0.015**	0.015	0.1	0.0008	**< 0.0087**	0.0087	0.01	0.00004	**< 0.012**	0.012	0.01	0.00006	**< 0.025**	0.025	0.0003	0.000004	0.0246
	15-Aug-2024	**<0.052**	0.052	0.1	0.0026	**<0.049**	0.049	0.1	0.0025	**<0.087**	0.087	0.01	0.00044	**<0.068**	0.068	0.01	0.00034	**<0.14**	0.14	0.0003	0.000021	0.0359
Brook Trout 2+	11-Aug-2009	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	0.0475
	11-Aug-2010	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	0.0425
	01-Sep-2011	**< 0.070**	0.07	0.1	0.0035	**< 0.050**	0.05	0.1	0.0025	**< 0.090**	0.09	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.20**	0.2	0.0003	0.00003	0.0325
	01-Sep-2012	**< 0.020**	0.020	0.1	0.0010	**< 0.020**	0.020	0.1	0.0010	**< 0.020**	0.020	0.01	0.0001	**< 0.030**	0.030	0.01	0.0002	**< 0.070**	0.070	0.0003	0.00001	0.0106
	01-Sep-2013	**< 0.0494**	0.0494	0.1	0.0025	**< 0.0494**	0.0494	0.1	0.0025	**< 0.0494**	0.0494	0.01	0.0002	**< 0.0494**	0.0494	0.01	0.0002	**< 0.0494**	0.0494	0.0003	0.00001	0.1491
	21-Sep-2014	**< 0.0574**	0.0574	0.1	0.0029	**< 0.0574**	0.0574	0.1	0.0029	**< 0.0602**	0.0602	0.01	0.0003	**< 0.0602**	0.0602	0.01	0.0003	**0.089**	0.0574	0.0003	0.00003	0.0495
(Replicate A)	21-Sep-2014	**< 0.0565**	0.0565	0.1	0.0028	**< 0.0565**	0.0565	0.1	0.0028	**< 0.0565**	0.0565	0.01	0.0003	**< 0.0565**	0.0565	0.01	0.0003	**0.057** [#1]	0.0565	0.0003	0.00002	0.0636
(Replicate B)	21-Sep-2014	**< 0.0579**	0.0579	0.1	0.0029	**< 0.0579**	0.0579	0.1	0.0029	**< 0.0579**	0.0579	0.01	0.0003	**< 0.0579**	0.0579	0.01	0.0003	**< 0.0579**	0.0579	0.0003	0.00001	0.0315
	22-Sep-2015	**< 0.055**	0.055	0.1	0.0028	**< 0.055**	0.055	0.1	0.0028	**< 0.055**	0.055	0.01	0.0003	**< 0.055**	0.055	0.01	0.0003	**< 0.055**	0.055	0.0003	0.00001	0.0234
	30-Aug-2016	**< 0.0563**	0.0563	0.1	0.0028	**< 0.0563**	0.0563	0.1	0.0028	**< 0.0563**	0.0563	0.01	0.0003	**< 0.0563**	0.0563	0.01	0.0003	**< 0.0563**	0.0563	0.0003	0.00001	0.0694
	13-Sep-2017	**< 0.059**	0.059	0.1	0.0030	**< 0.059**	0.059	0.1	0.0030	**< 0.059**	0.059	0.01	0.0003	**< 0.059**	0.059	0.01	0.0003	**< 0.059**	0.059	0.0003	0.00001	0.0251
	30-Aug-2018	**< 0.055**	0.055	0.1	0.0028	**< 0.055**	0.055	0.1	0.0028	**< 0.055**	0.055	0.01	0.0003	**< 0.055**	0.055	0.01	0.0003	**< 0.055**	0.055	0.0003	0.00001	0.0337

Furan Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997-2023)

	Date	1,2,3,7,8,9-(HxCDF)				2,3,4,6,7,8-(HxCDF)				1,2,3,4,6,7,8-(HpCDF)				1,2,3,4,7,8,9-(HpCDF)				OCDF				Total
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Furan TEQ
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.71
Edith Lake - Continued																						
(Replicate A)	6-Sep-2019	**0.104** [#1]	0.0577	0.1	0.0104	**< 0.0577**	0.0577	0.1	0.0029	**< 0.0577**	0.0577	0.01	0.0003	**< 0.0577**	0.0577	0.01	0.0003	**< 0.0577**	0.0577	0.0003	0.00001	0.0320
(Replicate B)	6-Sep-2019	**0.058** [#1]	0.0567	0.1	0.0058	**< 0.0567**	0.0567	0.1	0.0028	**< 0.0567**	0.0567	0.01	0.0003	**< 0.0567**	0.0567	0.01	0.0003	**< 0.0567**	0.0567	0.0003	0.00001	0.0271
	26-Aug-2020	**< 0.0499**	0.0499	0.1	0.0025	**< 0.0499**	0.0499	0.1	0.0025	**< 0.0499**	0.0499	0.01	0.0002	**< 0.0499**	0.0499	0.01	0.0002	**< 0.0499**	0.0499	0.0003	0.00001	0.0241
	30-Sep-2021	**< 0.016**	0.016	0.1	0.0008	**< 0.021**	0.021	0.1	0.00105	**< 0.035**	0.035	0.01	0.000175	**< 0.029**	0.029	0.01	0.0001	**< 0.061**	0.061	0.0003	0.00000915	0.0149
	13-Oct-2022	**< 0.026**	0.026	0.1	0.0013	**< 0.033**	0.033	0.1	0.00165	**< 0.039**	0.039	0.01	0.000195	**< 0.03**	0.03	0.01	0.0002	**< 0.062**	0.062	0.0003	0.0000093	0.0419
	14-Sep-2023	**< 0.022**	0.022	0.1	0.0011	**< 0.016**	0.016	0.1	0.0008	**< 0.0049**	0.0049	0.01	0.00002	**< 0.0074**	0.0074	0.01	0.00004	**< 0.02**	0.02	0.0003	0.000003	0.0229
	15-Aug-2024	**<0.053**	0.053	0.1	0.00265	**<0.048**	0.048	0.1	0.0024	**<0.063**	0.063	0.01	0.00032	**<0.056**	0.056	0.01	0.00028	**<0.13**	0.13	0.0003	0.0000195	0.0598
Brook Trout 3+	11-Aug-2010	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	0.0985
	01-Sep-2011	**< 0.090**	0.09	0.1	0.0045	**< 0.070**	0.07	0.1	0.0035	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	0.0345
	01-Sep-2012	**< 0.030**	0.030	0.1	0.0015	**< 0.020**	0.020	0.1	0.0010	**< 0.020**	0.020	0.01	0.0001	**< 0.030**	0.030	0.01	0.0002	**< 0.070**	0.070	0.0003	0.00001	0.0091
(Replicate A)	01-Sep-2013	**< 0.0466**	0.0466	0.1	0.0023	**< 0.0466**	0.0466	0.1	0.0023	**< 0.0466**	0.0466	0.01	0.0002	**< 0.0466**	0.0466	0.01	0.0002	**< 0.0466**	0.0466	0.0003	0.00001	0.0957
(Duplicate)	01-Sep-2013	**< 0.0485**	0.0485	0.1	0.0024	**< 0.0485**	0.0485	0.1	0.0024	**< 0.0485**	0.0485	0.01	0.0002	**< 0.0485**	0.0485	0.01	0.0002	**< 0.0485**	0.0485	0.0003	0.00001	0.0816
(Replicate B)	01-Sep-2013	**< 0.0487**	0.0487	0.1	0.0024	**< 0.0487**	0.0487	0.1	0.0024	**< 0.0487**	0.0487	0.01	0.0002	**< 0.0487**	0.0487	0.01	0.0002	**< 0.0487**	0.0487	0.0003	0.00001	0.0912
	21-Sep-2014	**< 0.0569**	0.0569	0.1	0.0028	**< 0.0569**	0.0569	0.1	0.0028	**< 0.0569**	0.0569	0.01	0.0003	**< 0.0569**	0.0569	0.01	0.0003	**< 0.0569**	0.0569	0.0003	0.00001	0.0927
(Replicate A)	21-Sep-2014	**< 0.0571**	0.0571	0.1	0.0029	**< 0.0571**	0.0571	0.1	0.0029	**< 0.0571**	0.0571	0.01	0.0003	**< 0.0571**	0.0571	0.01	0.0003	**< 0.0571**	0.0571	0.0003	0.00001	0.0620
(Replicate B)	21-Sep-2014	**< 0.0574**	0.0574	0.1	0.0029	**< 0.0574**	0.0574	0.1	0.0029	**< 0.0574**	0.0574	0.01	0.0003	**< 0.0574**	0.0574	0.01	0.0003	**< 0.0574**	0.0574	0.0003	0.00001	0.0516
	22-Sep-2015	**< 0.057**	0.057	0.1	0.0029	**< 0.057**	0.057	0.1	0.0029	**< 0.057**	0.057	0.01	0.0003	**< 0.057**	0.057	0.01	0.0003	**< 0.057**	0.057	0.0003	0.00001	0.0534
(Duplicate)	22-Sep-2015	**< 0.0573**	0.0573	0.1	0.0029	**< 0.0573**	0.0573	0.1	0.0029	**< 0.0573**	0.0573	0.01	0.0003	**< 0.0573**	0.0573	0.01	0.0003	**< 0.0573**	0.0573	0.0003	0.00001	0.0559
	30-Aug-2016	**< 0.0576**	0.0576	0.1	0.0029	**< 0.0576**	0.0576	0.1	0.0029	**< 0.0576**	0.0576	0.01	0.0003	**< 0.0576**	0.0576	0.01	0.0003	**< 0.0576**	0.0576	0.0003	0.00001	0.0924
	13-Sep-2017	**< 0.0594**	0.0594	0.1	0.0030	**< 0.0594**	0.0594	0.1	0.0030	**< 0.0594**	0.0594	0.01	0.0003	**< 0.0594**	0.0594	0.01	0.0003	**< 0.0594**	0.0594	0.0003	0.00001	0.0409
(Duplicate)	13-Sep-2017	**< 0.0551**	0.0551	0.1	0.0028	**< 0.0551**	0.0551	0.1	0.0028	**< 0.0551**	0.0551	0.01	0.0003	**< 0.0551**	0.0551	0.01	0.0003	**< 0.0551**	0.0551	0.0003	0.00001	0.0422
	30-Aug-2018	**< 0.0569**	0.0569	0.1	0.0028	**< 0.0569**	0.0569	0.1	0.0028	**< 0.0569**	0.0569	0.01	0.0003	**< 0.0569**	0.0569	0.01	0.0003	**< 0.0569**	0.0569	0.0003	0.00001	0.0287
	6-Sep-2019	**0.108** [#1]	0.058	0.1	0.0108	**< 0.058**	0.058	0.1	0.0029	**0.073** [#1]	0.058	0.01	0.0007	**< 0.058**	0.058	0.01	0.0003	**0.088** [#1]	0.058	0.0003	0.00003	0.0550
(Duplicate)	6-Sep-2019	**0.059**	0.0575	0.1	0.0059	**< 0.0575**	0.0575	0.1	0.0029	**< 0.0575**	0.0575	0.01	0.0003	**< 0.0575**	0.0575	0.01	0.0003	**0.064**	0.0575	0.0003	0.00002	0.0349
	26-Aug-2020	**0.06** [#1]	0.0497	0.1	0.0060	**< 0.0497**	0.0497	0.1	0.0025	**< 0.0497**	0.0497	0.01	0.0002	**< 0.0497**	0.0497	0.01	0.0002	**< 0.0497**	0.0497	0.0003	0.00001	0.0300
(Duplicate)	26-Aug-2020	**0.057** [#1]	0.05	0.1	0.0057	**< 0.05**	0.05	0.1	0.0025	**< 0.05**	0.05	0.01	0.0003	**< 0.05**	0.05	0.01	0.0003	**< 0.05**	0.05	0.0003	0.00001	0.0287
	30-Sep-2021	**< 0.054**	0.054	0.1	0.0027	**< 0.039**	0.039	0.1	0.0020	**< 0.052**	0.052	0.01	0.0003	**< 0.047**	0.047	0.01	0.0002	**< 0.096**	0.096	0.0003	0.00001	0.0215
	13-Oct-2022	**< 0.031**	0.031	0.1	0.0016	**< 0.026**	0.026	0.1	0.0013	**< 0.024**	0.024	0.01	0.0001	**< 0.025**	0.025	0.01	0.0001	**< 0.037**	0.037	0.0003	0.00001	0.0200
	14-Sep-2023	**< 0.033**	0.033	0.1	0.0017	**< 0.023**	0.023	0.1	0.0012	**< 0.0077**	0.0077	0.01	0.00004	**< 0.011**	0.011	0.01	0.0001	**< 0.024**	0.024	0.0003	0.000004	0.0467
(Duplicate)	14-Sep-2023	**< 0.024**	0.024	0.1	0.0012	**< 0.018**	0.018	0.1	0.0009	**< 0.01**	0.01	0.01	0.0001	**< 0.016**	0.016	0.01	0.0001	**< 0.025**	0.025	0.0003	0.000004	0.0517
	15-Aug-2024	**<0.054**	0.054	0.1	0.0027	**<0.045**	0.045	0.1	0.0023	**<0.065**	0.065	0.01	0.0003	**<0.073**	0.073	0.01	0.0004	**<0.15**	0.15	0.0003	0.000023	0.0548
Brook Trout 4+	29-Jun-1998	**< 0.5**	0.5	0.1	0.0250	**< 0.5**	0.5	0.1	0.0250	**< 0.4**	0.4	0.01	0.0020	**< 0.6**	0.6	0.01	0.0030	**< 0.9**	0.9	0.0003	0.0001	**0.7576**
	01-Sep-1999	**< 0.3**	0.3	0.1	0.0150	**< 0.2**	0.2	0.1	0.0100	**< 0.1**	0.1	0.01	0.0005	**< 0.2**	0.2	0.01	0.0010	**< 0.4**	0.4	0.0003	0.0001	0.1661
	03-Sep-2000	**< 0.47**	0.47	0.1	0.0235	**< 0.45**	0.45	0.1	0.0225	**< 0.17**	0.17	0.01	0.0009	**< 0.24**	0.24	0.01	0.0012	**< 0.53**	0.53	0.0003	0.0001	0.2366
(Duplicate)	03-Sep-2000	**< 0.39**	0.39	0.1	0.0195	**< 0.33**	0.33	0.1	0.0165	**< 0.25**	0.25	0.01	0.0013	**< 0.31**	0.31	0.01	0.0016	**< 0.5**	0.5	0.0003	0.0001	0.1475
	15-Sep-2004	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.01	0.0005	**< 0.1**	0.1	0.01	0.0005	**< 0.2**	0.2	0.0003	0.00003	0.0425
	10-Sep-2005	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.01	0.0005	**< 0.14**	0.14	0.01	0.0007	**< 0.29**	0.29	0.0003	0.00004	0.0454
	04-Oct-2006	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	0.2275
	01-Sep-2011	**< 0.060**	0.06	0.1	0.0030	**< 0.050**	0.05	0.1	0.0025	**< 0.060**	0.06	0.01	0.0003	**< 0.080**	0.08	0.01	0.0004	**< 0.20**	0.2	0.0003	0.00003	0.1721
	01-Sep-2013	**< 0.213**	0.213	0.1	0.0107	**< 0.213**	0.213	0.1	0.0107	**0.239**	0.229	0.01	0.0024	**< 0.229**	0.229	0.01	0.0011	**< 0.493**	0.493	0.0003	0.0001	0.2541
	21-Sep-2014	**< 0.0556**	0.0556	0.1	0.0028	**< 0.0556**	0.0556	0.1	0.0028	**0.057** [#1]	0.0556	0.01	0.0006	**< 0.0556**	0.0556	0.01	0.0003	**0.144** [#1]	0.0556	0.0003	0.00004	0.1448
	23-Sep-2015	**< 0.0562**	0.0562	0.1	0.0028	**< 0.0562**	0.0562	0.1	0.0028	**< 0.0562**	0.0562	0.01	0.0003	**< 0.0562**	0.0562	0.01	0.0003	**< 0.0562**	0.0562	0.0003	0.00001	0.0892
(Replicate A)	22-Sep-2015	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.1	0.0028	**< 0.056**	0.056	0.01	0.0003	**< 0.056**	0.056	0.01	0.0003	**< 0.056**	0.056	0.0003	0.00001	0.0848
	30-Aug-2016	**< 0.057**	0.057	0.1	0.0029	**< 0.057**	0.057	0.1	0.0029	**< 0.057**	0.057	0.01	0.0003	**< 0.057**	0.057	0.01	0.0003	**< 0.057**	0.057	0.0003	0.00001	0.0877
	13-Sep-2017	**< 0.0578**	0.0578	0.1	0.0029	**< 0.0578**	0.0578	0.1	0.0029	**< 0.0578**	0.0578	0.01	0.0003	**< 0.0578**	0.0578	0.01	0.0003	**< 0.0578**	0.0578	0.0003	0.00001	0.0526
	30-Aug-2018	**< 0.0556**	0.0556	0.1	0.0028	**< 0.0556**	0.0556	0.1	0.0028	**< 0.0556**	0.0556	0.01	0.0003	**< 0.0556**	0.0556	0.01	0.0003	**< 0.0556**	0.0556	0.0003	0.00001	0.0303
	26-Aug-2020	**< 0.0499**	0.0499	0.1	0.0025	**< 0.0499**	0.0499	0.1	0.0025	**< 0.0499**	0.0499	0.01	0.0002	**< 0.0499**	0.0499	0.01	0.0002	**< 0.0499**	0.0499	0.0003	0.00001	0.0275
	14-Sep-2023	**< 0.024**	0.024	0.1	0.0012	**< 0.018**	0.018	0.1	0.0009	**0.039** [#1]	0.01	0.01	0.0004	**< 0.015**	0.015	0.01	0.0001	**0.038** [#1]	0.021	0.0003	0.00001	0.0369

Furan Analytical Results for Fish Tissue in Chrystina Lake, Edith Lake and the Hatchery (1997-2023)

	Date	1,2,3,7,8,9-(HxCDF)				2,3,4,6,7,8-(HxCDF)				1,2,3,4,6,7,8-(HpCDF)				1,2,3,4,7,8,9-(HpCDF)				OCDF				Total
		Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Conc.	D.L.	TEF	TEQ	Furan TEQ
	(dd-mmm-yyyy)	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	(pg/g)	---	---	---	---
CCME Tissue Residue 2001		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	0.71
Edith Lake - continued																						
	15-Aug-2024	**<0.045**	0.045	0.1	0.0023	**<0.06**	0.06	0.1	0.0030	**<0.056**	0.056	0.01	0.0003	**<0.059**	0.059	0.01	0.0003	**<0.11**	0.11	0.0003	0.00002	0.0553
Brook Trout 5+	26-Sep-2001	**< 0.05**	0.05	0.1	0.0025	**< 0.05**	0.05	0.1	0.0025	**0.2**	0.05	0.01	0.0020	**< 0.05**	0.05	0.01	0.0003	**0.5**	0.1	0.0003	0.0002	0.0657
	15-Sep-2004	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.01	0.0005	**< 0.1**	0.1	0.01	0.0005	**< 0.1**	0.1	0.0003	0.00002	0.0425
	10-Sep-2005	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	0.0425
	04-Oct-2006	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	0.0795
	01-Sep-2011	**< 0.10**	0.1	0.1	0.0050	**< 0.080**	0.08	0.1	0.0040	**< 0.080**	0.08	0.01	0.0004	**< 0.10**	0.1	0.01	0.0005	**< 0.20**	0.2	0.0003	0.00003	0.0379
	01-Sep-2013	**< 0.0463**	0.0463	0.1	0.0023	**< 0.0463**	0.0463	0.1	0.0023	**0.051** [#1]	0.0463	0.01	0.0005	**0.074** [#1]	0.0463	0.01	0.0007	**0.086** [#1]	0.0463	0.0003	0.00003	0.0971
	21-Sep-2014	**< 0.057**	0.057	0.1	0.0029	**< 0.057**	0.057	0.1	0.0029	**< 0.057**	0.057	0.01	0.0003	**< 0.057**	0.057	0.01	0.0003	**< 0.057**	0.057	0.0003	0.00001	0.0985
	30-Aug-2016	**< 0.057**	0.057	0.1	0.0029	**< 0.057**	0.057	0.1	0.0029	**0.078** [#1]	0.057	0.01	0.0008	**< 0.057**	0.057	0.01	0.0003	**< 0.057**	0.057	0.0003	0.00001	0.1855
	30-Sep-2021	**< 0.04**	0.04	0.1	0.0020	**< 0.045**	0.045	0.1	0.0023	**< 0.06**	0.06	0.01	0.0003	**< 0.048**	0.048	0.01	0.0002	**< 0.082**	0.082	0.0003	0.00001	0.0308
	15-Aug-2024	**<0.064**	0.064	0.1	0.0032	**<0.056**	0.056	0.1	0.0028	**<0.08**	0.08	0.01	0.0004	**<0.077**	0.077	0.01	0.0004	**<0.15**	0.15	0.0003	0.00002	0.0837
Brook Trout 6+	14-Sep-2023	**< 0.018**	0.018	0.1	0.0009	**< 0.014**	0.014	0.1	0.0007	**< 0.008**	0.008	0.01	0.00004	**< 0.012**	0.012	0.01	0.0001	**< 0.021**	0.021	0.0003	0.000003	0.0424
Brook Trout 7+	10-Sep-2003	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.1	0.0050	**< 0.1**	0.1	0.01	0.0005	**< 0.2**	0.2	0.01	0.0010	**< 0.3**	0.3	0.0003	0.00005	0.0730
Brook Trout 8+	10-Sep-2002	**< 0.4**	0.4	0.1	0.0200	**< 0.3**	0.3	0.1	0.0150	**< 0.7**	0.7	0.01	0.0035	**< 1.0**	1	0.01	0.0050	**< 2.6**	2.4	0.0003	0.0004	0.1184
Brook Trout 11+	11-Sep-2007	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**0.35**	0.1	0.0003	0.0001	0.0796
Brook Trout 12+	11-Sep-2007	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**0.23**	0.1	0.0003	0.0001	0.0426
Brook Trout Unknown	23-Jul-2008	**0.22**	0.1	0.1	0.0220	**0.15**	0.1	0.1	0.0150	**0.26**	0.1	0.01	0.0026	**< 0.10**	0.1	0.01	0.0005	**0.72**	0.1	0.0003	0.0002	0.1558
(Replicate A)	23-Jul-2008	**0.11**	0.1	0.1	0.0110	**0.13**	0.1	0.1	0.0130	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**0.22**	0.1	0.0003	0.0001	0.0636
(Replicate B)	23-Jul-2008	**< 0.10**	0.1	0.1	0.0050	**< 0.10** [#1]	0.1	0.1	0.0050	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.01	0.0005	**< 0.10**	0.1	0.0003	0.00002	0.0565
(Replicate C)	23-Jul-2008	**< 0.10**	0.1	0.1	0.0050	**0.14**	0.1	0.1	0.0140	**< 0.10**	0.1	0.01	0.0005	**< 0.20**	0.2	0.01	0.0010	**< 0.20**	0.2	0.0003	0.00003	0.0535

NOTES:
1. --- in guideline row(s) denotes no criteria for that parameter.
2. --- in detail data row(s) denotes parameter not analyzed.
3. Highlighting indicates parameters above applied guideline/criteria.
4. Superscript [#1] - Result does not meet all quantification criteria and value denotes the estimated maximum possible concentration (EMPC)

Appendix D. Analytical Laboratory Results

CERTIFICATE OF ANALYSIS

Work Order	:	**BU2600876**		
Client	:	**Worley Canada Services Ltd.**	Laboratory	: ALS Environmental - Burlington
Contact	:	Graham Young	Account Manager	: Falguni Patel
Address	:	49 Quarry Park Blvd SE Calgary Alberta Canada T2C 5H9	Address	: 1435 Norjohn Court, Unit 1 Burlington ON Canada L7L 0E6
Telephone	:	(403)968-1545	E-mail	: falgunin.patel@alsglobal.com
Project	:	217085-56230	Telephone	: +1 905 331 3111
PO	:	----	Date Samples Received	: 25-Mar-2026 11:30
C-O-C number	:	----	Date Analysis Commenced	: 07-Apr-2026
Sampler	:	Graham Young, Ryan Martin	Issue Date	: 21-May-2026 15:52
Site	:	W 6-67-8 W5M		
Quote number	:	SVOC/ICP Fish Tissue		
No. of samples received	:	22		
No. of samples analysed	:	22		

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

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

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

Signatories

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

Signatories	*Position*	*Laboratory Department*
Gamini Nadu	Analyst	Metals, Burlington, Ontario
Mark McHugh	Organic Prep Lab Supervisor	Organics, Burlington, Ontario
Sabir Ahmed	Analyst	Metals, Burlington, Ontario
Stephen Kennedy	Technical Department Manager	Organics, Burlington, Ontario
Twinkle Patel	Analyst	Organics, Burlington, Ontario

General Comments

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

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

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

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

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

Unit	*Description*
%	percent
% wwt	% wet weight
g	grams
mg/kg	milligrams per kilogram
mg/kg wwt	milligrams per kilogram wet weight
ng/g wwt	nanograms per gram wet weight
pg/g wwt	picograms per gram wet weight

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

Test results reported relate only to the samples as received by the laboratory.
UNLESS OTHERWISE STATED on SRN or QCI Report, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

Workorder Comments

1668C PCB: the relative percent difference (RPD) between the duplicate QC-2551069-004 and its parent sample was above the method control limit for 1 of 162 targets. All other targets replicate within limits where detected
1668C PCB: the relative percent difference (RPD) between the duplicate QC-2526235-004 and its parent sample was above the method control limit for 4 of 162 targets. All other targets replicate within limits where detected
PCDD/F: The relative percent difference between the duplicate QC-2526213-004 and its parent sample was above the control limit for OCDD. However, the detected level of OCDD was below the calibrated range.
Toxic and marker PCB: The relative percent differences between the duplicate QC-2526213-004 and its parent sample were above the control limit for these targets. The sample consisted of fish muscle tissue with tough pieces of skin and was difficult to homogenize well.
PCDD/F, toxic and marker PCBs: The sample [SVOC] CHBKTR4+ was re-extracted in duplicate, following further homogenization.

Qualifiers

Qualifier	Description
[B]	The analyte was detected in the Method Blank at >10% of the sample concentration.
[E]	Estimated value. The reported concentration is above the calibration range of the instrument.
[J]	Estimated value. The reported concentration is below the calibrated range of the instrument but above the EDL.
[U]	The analyte was not detected above the EDL (or LOR where applicable).
DLCI	Detection Limit Raised: Chromatographic interference due to co-elution.
EMPC	Estimated Maximum Possible Concentration. The EDL (or LOR where applicable) for the analyte was raised to the level of the EMPC.
F	The ion abundance ratio(s) did not meet the acceptance criteria. Estimated Detection Limit for that compound has been elevated to the level of the EMPC.
M	Peak has been manually integrated.

Analytical Results

Sub-Matrix: Animal Tissue
(Matrix: Biota)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	[MM] CHBKTR1+ ----	[MM] CHBKTR2A+ ----	[MM] CHBKTR2B+ ----	[MM] CHBKTR3A+ ----	[MM] CHBKTR3B+ ----
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00
						BU2600876-001	BU2600876-002	BU2600876-003	BU2600876-004	BU2600876-005
						Result	Result	Result	Result	Result
Physical Tests										
Moisture	----	E144/BU	0.50	%		79.2	76.8	76.7	76.9	76.6
Metals										
Aluminum	7429-90-5	E464A/BU	0.40	mg/kg wwt		0.79	<0.40	<0.40	<0.40	0.48
Antimony	7440-36-0	E464A/BU	0.0020	mg/kg wwt		<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Arsenic	7440-38-2	E464A/BU	0.0040	mg/kg wwt		0.0576	0.0060	0.0192	0.0117	0.0076
Barium	7440-39-3	E464A/BU	0.020	mg/kg wwt		0.211	0.071	0.099	0.144	0.210
Beryllium	7440-41-7	E464A/BU	0.0020	mg/kg wwt		<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Bismuth	7440-69-9	E464A/BU	0.0020	mg/kg wwt		<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Boron	7440-42-8	E464A/BU	0.20	mg/kg wwt		<0.20	<0.20	<0.20	<0.20	<0.20
Cadmium	7440-43-9	E464A/BU	0.0010	mg/kg wwt		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	7440-70-2	E464A/BU	5.0	mg/kg wwt		408	249	248	342	555
Chromium	7440-47-3	E464A/BU	0.010	mg/kg wwt		<0.010	<0.010	<0.010	<0.010	<0.010
Cobalt	7440-48-4	E464A/BU	0.0040	mg/kg wwt		0.0043	<0.0040	0.0291	0.0068	0.0091
Copper	7440-50-8	E464A/BU	0.020	mg/kg wwt		0.356	0.207	0.258	0.289	0.215
Iron	7439-89-6	E464A/BU	0.50	mg/kg wwt		4.66	3.18	4.23	5.06	4.16
Lead	7439-92-1	E464A/BU	0.0040	mg/kg wwt		0.0109	0.0042	<0.0040	0.0041	0.0060
Lithium	7439-93-2	E464A/BU	0.10	mg/kg wwt		<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	7439-95-4	E464A/BU	1.0	mg/kg wwt		278	296	330	294	316
Manganese	7439-96-5	E464A/BU	0.10	mg/kg wwt		0.22	<0.10	0.12	<0.10	0.11

Analytical Results

Sub-Matrix: Animal Tissue
(Matrix: Biota)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	[MM] CHBKTR1+ ----	[MM] CHBKTR2A+ ----	[MM] CHBKTR2B+ ----	[MM] CHBKTR3A+ ----	[MM] CHBKTR3B+ ----
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00
						BU2600876-001	BU2600876-002	BU2600876-003	BU2600876-004	BU2600876-005
						Result	Result	Result	Result	Result
Metals										
Mercury	7439-97-6	E524A/BU	0.0062	mg/kg wwt		0.0289	0.0932	0.0718	0.0977	0.0973
Molybdenum	7439-98-7	E464A/BU	0.0040	mg/kg wwt		<0.0040	<0.0040	<0.0040	<0.0040	<0.0040
Nickel	7440-02-0	E464A/BU	0.040	mg/kg wwt		<0.040	<0.040	<0.040	<0.040	<0.040
Phosphorus	7723-14-0	E464A/BU	2.0	mg/kg wwt		2120	2280	2620	2490	2620
Potassium	7440-09-7	E464A/BU	4.0	mg/kg wwt		2960	3730	4410	4130	4090
Rubidium	7440-17-7	E464A/BU	0.020	mg/kg wwt		3.66	6.08	8.53	6.04	6.46
Selenium	7782-49-2	E464A/BU	0.010	mg/kg wwt		0.192	0.124	0.150	0.147	0.151
Silver	7440-22-4	E464A/BU	0.0010	mg/kg wwt		<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Sodium	7440-23-5	E464A/BU	5.0	mg/kg wwt		349	345	486	402	378
Strontium	7440-24-6	E464A/BU	0.020	mg/kg wwt		0.583	0.317	0.343	0.535	0.825
Tellurium	13494-80-9	E464A/BU	0.020	mg/kg wwt		<0.020	<0.020	<0.020	<0.020	<0.020
Thallium	7440-28-0	E464A/BU	0.00040	mg/kg wwt		0.00163	0.00294	0.00280	0.00234	0.00195
Tin	7440-31-5	E464A/BU	0.020	mg/kg wwt		0.132	<0.020	0.029	0.045	0.021
Tungsten	7440-33-7	E464A/BU	0.020	mg/kg wwt		<0.020	<0.020	<0.020	<0.020	<0.020
Uranium	7440-61-1	E464A/BU	0.0040	mg/kg wwt		<0.0040	<0.0040	<0.0040	<0.0040	<0.0040
Vanadium	7440-62-2	E464A/BU	0.020	mg/kg wwt		<0.020	<0.020	<0.020	<0.020	<0.020
Zinc	7440-66-6	E464A/BU	0.10	mg/kg wwt		6.01	4.24	7.23	7.39	4.63
Zirconium	7440-67-7	E464A/BU	0.060	mg/kg wwt		<0.060	<0.060	<0.060	<0.060	<0.060
Aluminum	7429-90-5	E464/BU	2.0	mg/kg		3.8	<2.0	<2.0	<2.0	2.1

Analytical Results

Sub-Matrix: Animal Tissue
(Matrix: Biota)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	[MM] CHBKTR1+ ----	[MM] CHBKTR2A+ ----	[MM] CHBKTR2B+ ----	[MM] CHBKTR3A+ ----	[MM] CHBKTR3B+ ----
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00
						BU2600876-001	BU2600876-002	BU2600876-003	BU2600876-004	BU2600876-005
						Result	Result	Result	Result	Result
Metals										
Antimony	7440-36-0	E464/BU	0.010	mg/kg		<0.010	<0.010	<0.010	<0.010	<0.010
Arsenic	7440-38-2	E464/BU	0.0200	mg/kg		0.277	0.0256	0.0822	0.0506	0.0323
Barium	7440-39-3	E464/BU	0.10	mg/kg		1.01	0.31	0.42	0.62	0.90
Beryllium	7440-41-7	E464/BU	0.010	mg/kg		<0.010	<0.010	<0.010	<0.010	<0.010
Bismuth	7440-69-9	E464/BU	0.010	mg/kg		<0.010	<0.010	<0.010	<0.010	<0.010
Boron	7440-42-8	E464/BU	1.0	mg/kg		<1.0	<1.0	<1.0	<1.0	<1.0
Cadmium	7440-43-9	E464/BU	0.0050	mg/kg		<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Calcium	7440-70-2	E464/BU	25	mg/kg		1960	1070	1060	1480	2370
Chromium	7440-47-3	E464/BU	0.050	mg/kg		<0.050	<0.050	<0.050	<0.050	<0.050
Cobalt	7440-48-4	E464/BU	0.020	mg/kg		0.020	<0.020	0.125	0.029	0.039
Copper	7440-50-8	E464/BU	0.10	mg/kg		1.71	0.89	1.11	1.25	0.92
Iron	7439-89-6	E464/BU	2.5	mg/kg		22.4	13.7	18.1	21.9	17.8
Lead	7439-92-1	E464/BU	0.020	mg/kg		0.052	<0.020	<0.020	<0.020	0.026
Lithium	7439-93-2	E464/BU	0.50	mg/kg		<0.50	<0.50	<0.50	<0.50	<0.50
Magnesium	7439-95-4	E464/BU	5.0	mg/kg		1330	1270	1410	1270	1350
Manganese	7439-96-5	E464/BU	0.50	mg/kg		1.05	<0.50	0.51	<0.50	<0.50
Mercury	7439-97-6	E524/BU	0.031	mg/kg		0.139	0.401	0.308	0.423	0.416
Molybdenum	7439-98-7	E464/BU	0.020	mg/kg		<0.020	<0.020	<0.020	<0.020	<0.020
Nickel	7440-02-0	E464/BU	0.20	mg/kg		<0.20	<0.20	<0.20	<0.20	<0.20
Phosphorus	7723-14-0	E464/BU	10	mg/kg		10200	9790	11200	10800	11200
Potassium	7440-09-7	E464/BU	20	mg/kg		14200	16000	18900	17900	17500

Analytical Results

Sub-Matrix: Animal Tissue
(Matrix: Biota)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	[MM] CHBKTR1+ ----	[MM] CHBKTR2A+ ----	[MM] CHBKTR2B+ ----	[MM] CHBKTR3A+ ----	[MM] CHBKTR3B+ ----
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00
						BU2600876-001	BU2600876-002	BU2600876-003	BU2600876-004	BU2600876-005
						Result	Result	Result	Result	Result
Metals										
Rubidium	7440-17-7	E464/BU	0.10	mg/kg		17.6	26.2	36.6	26.2	27.6
Selenium	7782-49-2	E464/BU	0.050	mg/kg		0.924	0.534	0.641	0.637	0.645
Silver	7440-22-4	E464/BU	0.0050	mg/kg		<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	7440-23-5	E464/BU	25	mg/kg		1680	1490	2080	1740	1620
Strontium	7440-24-6	E464/BU	0.10	mg/kg		2.80	1.36	1.47	2.32	3.52
Tellurium	13494-80-9	E464/BU	0.10	mg/kg		<0.10	<0.10	<0.10	<0.10	<0.10
Thallium	7440-28-0	E464/BU	0.0020	mg/kg		0.0078	0.0127	0.0120	0.0101	0.0083
Tin	7440-31-5	E464/BU	0.10	mg/kg		0.63	<0.10	0.12	0.19	<0.10
Tungsten	7440-33-7	E464/BU	0.10	mg/kg		<0.10	<0.10	<0.10	<0.10	<0.10
Uranium	7440-61-1	E464/BU	0.020	mg/kg		<0.020	<0.020	<0.020	<0.020	<0.020
Vanadium	7440-62-2	E464/BU	0.10	mg/kg		<0.10	<0.10	<0.10	<0.10	<0.10
Zinc	7440-66-6	E464/BU	0.50	mg/kg		28.9	18.2	31.0	32.0	19.8
Zirconium	7440-67-7	E464/BU	0.30	mg/kg		<0.30	<0.30	<0.30	<0.30	<0.30
Aggregate Organics										
Lipid content	----	E145/BU	0.50	% wwt		1.74	1.39	1.74	1.55	1.31

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

Analytical Results

Sub-Matrix: Animal Tissue
(Matrix: Biota)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	[MM] CHBKTR4+ ----	[MM] CHBKTR Unk ----	[MM] HATCH ----	[MM] CHBKTR SPLIT ----	[MM] DORM-5 ----
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00
						BU2600876-006	BU2600876-007	BU2600876-008	BU2600876-009	BU2600876-010
						Result	Result	Result	Result	Result
Physical Tests										
Moisture	----	E144/BU	0.50	%		76.3	76.9	75.0	77.2	----
Metals										
Aluminum	7429-90-5	E464A/BU	0.40	mg/kg wwt		<0.40	0.40	0.52	<0.40	222
Antimony	7440-36-0	E464A/BU	0.0020	mg/kg wwt		<0.0020	<0.0020	0.0086	0.0049	<0.0094
Arsenic	7440-38-2	E464A/BU	0.0040	mg/kg wwt		0.0058	0.0074	0.436	0.0108	12.7
Barium	7440-39-3	E464A/BU	0.020	mg/kg wwt		0.127	0.132	0.093	0.119	0.350
Beryllium	7440-41-7	E464A/BU	0.0020	mg/kg wwt		<0.0020	<0.0020	<0.0020	<0.0020	<0.0094
Bismuth	7440-69-9	E464A/BU	0.0020	mg/kg wwt		<0.0020	<0.0020	<0.0020	<0.0020	<0.0094
Boron	7440-42-8	E464A/BU	0.20	mg/kg wwt		<0.20	<0.20	<0.20	<0.20	2.45
Cadmium	7440-43-9	E464A/BU	0.0010	mg/kg wwt		<0.0010	<0.0010	0.0015	<0.0010	0.126
Calcium	7440-70-2	E464A/BU	5.0	mg/kg wwt		434	330	796	309	1670
Chromium	7440-47-3	E464A/BU	0.010	mg/kg wwt		<0.010	<0.010	<0.010	0.084	0.495
Cobalt	7440-48-4	E464A/BU	0.0040	mg/kg wwt		0.0100	0.0078	0.0055	0.0097	0.0593
Copper	7440-50-8	E464A/BU	0.020	mg/kg wwt		0.298	0.273	0.532	0.355	3.68
Iron	7439-89-6	E464A/BU	0.50	mg/kg wwt		4.46	4.27	4.35	5.78	107
Lead	7439-92-1	E464A/BU	0.0040	mg/kg wwt		0.0041	<0.0040	0.0084	0.0042	0.0682
Lithium	7439-93-2	E464A/BU	0.10	mg/kg wwt		<0.10	<0.10	<0.10	<0.10	<0.47
Magnesium	7439-95-4	E464A/BU	1.0	mg/kg wwt		301	298	319	270	1120
Manganese	7439-96-5	E464A/BU	0.10	mg/kg wwt		0.12	<0.10	0.24	<0.10	0.90

Analytical Results

Sub-Matrix: Animal Tissue
(Matrix: Biota)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	[MM] CHBKTR4+ ----	[MM] CHBKTR Unk ----	[MM] HATCH ----	[MM] CHBKTR SPLIT ----	[MM] DORM-5 ----
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00
						BU2600876-006	BU2600876-007	BU2600876-008	BU2600876-009	BU2600876-010
						Result	Result	Result	Result	Result
Metals										
Mercury	7439-97-6	E524A/BU	0.0062	mg/kg wwt		0.159	0.0762	0.0107	0.0958	0.253
Molybdenum	7439-98-7	E464A/BU	0.0040	mg/kg wwt		<0.0040	<0.0040	0.0062	<0.0040	0.112
Nickel	7440-02-0	E464A/BU	0.040	mg/kg wwt		<0.040	<0.040	<0.040	<0.040	0.320
Phosphorus	7723-14-0	E464A/BU	2.0	mg/kg wwt		2530	2520	2720	2380	5660
Potassium	7440-09-7	E464A/BU	4.0	mg/kg wwt		4030	4070	3900	3880	10800
Rubidium	7440-17-7	E464A/BU	0.020	mg/kg wwt		6.42	5.57	2.22	5.74	2.34
Selenium	7782-49-2	E464A/BU	0.010	mg/kg wwt		0.118	0.146	0.258	0.141	2.16
Silver	7440-22-4	E464A/BU	0.0010	mg/kg wwt		<0.0010	<0.0010	<0.0010	<0.0010	0.109
Sodium	7440-23-5	E464A/BU	5.0	mg/kg wwt		470	362	628	388	8400
Strontium	7440-24-6	E464A/BU	0.020	mg/kg wwt		0.563	0.535	1.45	0.491	9.23
Tellurium	13494-80-9	E464A/BU	0.020	mg/kg wwt		<0.020	<0.020	<0.020	<0.020	<0.094
Thallium	7440-28-0	E464A/BU	0.00040	mg/kg wwt		0.00231	0.00269	0.00162	0.00207	<0.00188
Tin	7440-31-5	E464A/BU	0.020	mg/kg wwt		0.157	0.076	0.193	0.111	0.103
Tungsten	7440-33-7	E464A/BU	0.020	mg/kg wwt		<0.020	<0.020	<0.020	<0.020	<0.020
Uranium	7440-61-1	E464A/BU	0.0040	mg/kg wwt		<0.0040	<0.0040	<0.0040	<0.0040	<0.0188
Vanadium	7440-62-2	E464A/BU	0.020	mg/kg wwt		<0.020	<0.020	<0.020	<0.020	0.321
Zinc	7440-66-6	E464A/BU	0.10	mg/kg wwt		5.90	6.41	9.58	5.42	25.1
Zirconium	7440-67-7	E464A/BU	0.060	mg/kg wwt		<0.060	<0.060	<0.060	<0.060	<0.282
Aluminum	7429-90-5	E464/BU	2.0	mg/kg		<2.0	<2.0	2.1	<2.0	----

Analytical Results

Sub-Matrix: Animal Tissue
(Matrix: Biota)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	[MM] CHBKTR4+ ----	[MM] CHBKTR Unk ----	[MM] HATCH ----	[MM] CHBKTR SPLIT ----	[MM] DORM-5 ----
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00
						BU2600876-006	BU2600876-007	BU2600876-008	BU2600876-009	BU2600876-010
						Result	Result	Result	Result	Result
Metals										
Antimony	7440-36-0	E464/BU	0.010	mg/kg		<0.010	<0.010	0.034	0.022	----
Arsenic	7440-38-2	E464/BU	0.0200	mg/kg		0.0245	0.0321	1.74	0.0476	----
Barium	7440-39-3	E464/BU	0.10	mg/kg		0.54	0.57	0.37	0.52	----
Beryllium	7440-41-7	E464/BU	0.010	mg/kg		<0.010	<0.010	<0.010	<0.010	----
Bismuth	7440-69-9	E464/BU	0.010	mg/kg		<0.010	<0.010	<0.010	<0.010	----
Boron	7440-42-8	E464/BU	1.0	mg/kg		<1.0	<1.0	<1.0	<1.0	----
Cadmium	7440-43-9	E464/BU	0.0050	mg/kg		<0.0050	<0.0050	0.0062	<0.0050	----
Calcium	7440-70-2	E464/BU	25	mg/kg		1830	1430	3180	1360	----
Chromium	7440-47-3	E464/BU	0.050	mg/kg		<0.050	<0.050	<0.050	0.367	----
Cobalt	7440-48-4	E464/BU	0.020	mg/kg		0.042	0.034	0.022	0.043	----
Copper	7440-50-8	E464/BU	0.10	mg/kg		1.26	1.19	2.13	1.56	----
Iron	7439-89-6	E464/BU	2.5	mg/kg		18.8	18.5	17.4	25.4	----
Lead	7439-92-1	E464/BU	0.020	mg/kg		<0.020	<0.020	0.034	<0.020	----
Lithium	7439-93-2	E464/BU	0.50	mg/kg		<0.50	<0.50	<0.50	<0.50	----
Magnesium	7439-95-4	E464/BU	5.0	mg/kg		1270	1290	1270	1180	----
Manganese	7439-96-5	E464/BU	0.50	mg/kg		0.51	<0.50	0.97	<0.50	----
Mercury	7439-97-6	E524/BU	0.031	mg/kg		0.670	0.331	0.043	0.420	----
Molybdenum	7439-98-7	E464/BU	0.020	mg/kg		<0.020	<0.020	0.025	<0.020	----
Nickel	7440-02-0	E464/BU	0.20	mg/kg		<0.20	<0.20	<0.20	<0.20	----
Phosphorus	7723-14-0	E464/BU	10	mg/kg		10700	10900	10900	10500	----
Potassium	7440-09-7	E464/BU	20	mg/kg		17000	17600	15600	17000	----

Analytical Results

Sub-Matrix: Animal Tissue
(Matrix: Biota)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	[MM] CHBKTR4+ ----	[MM] CHBKTR Unk ----	[MM] HATCH ----	[MM] CHBKTR SPLIT ----	[MM] DORM-5 ----
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00
						BU2600876-006	BU2600876-007	BU2600876-008	BU2600876-009	BU2600876-010
						Result	Result	Result	Result	Result
Metals										
Rubidium	7440-17-7	E464/BU	0.10	mg/kg		27.1	24.2	8.85	25.2	----
Selenium	7782-49-2	E464/BU	0.050	mg/kg		0.498	0.634	1.03	0.619	----
Silver	7440-22-4	E464/BU	0.0050	mg/kg		<0.0050	<0.0050	<0.0050	<0.0050	----
Sodium	7440-23-5	E464/BU	25	mg/kg		1990	1570	2510	1700	----
Strontium	7440-24-6	E464/BU	0.10	mg/kg		2.38	2.32	5.78	2.16	----
Tellurium	13494-80-9	E464/BU	0.10	mg/kg		<0.10	<0.10	<0.10	<0.10	----
Thallium	7440-28-0	E464/BU	0.0020	mg/kg		0.0097	0.0117	0.0065	0.0091	----
Tin	7440-31-5	E464/BU	0.10	mg/kg		0.66	0.33	0.77	0.49	----
Tungsten	7440-33-7	E464/BU	0.10	mg/kg		<0.10	<0.10	<0.10	<0.10	----
Uranium	7440-61-1	E464/BU	0.020	mg/kg		<0.020	<0.020	<0.020	<0.020	----
Vanadium	7440-62-2	E464/BU	0.10	mg/kg		<0.10	<0.10	<0.10	<0.10	----
Zinc	7440-66-6	E464/BU	0.50	mg/kg		24.9	27.8	38.3	23.8	----
Zirconium	7440-67-7	E464/BU	0.30	mg/kg		<0.30	<0.30	<0.30	<0.30	----
Aggregate Organics										
Lipid content	----	E145/BU	0.50	% wwt		2.20	2.37	4.98	1.91	----

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

Analytical Results

Sub-Matrix: Animal Tissue
(Matrix: Biota)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	[SVOC] CHBKTR3B+ ----	[SVOC] CHBKTR4+ ----	----	----	----
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	----	----	----
						BU2600876-021	BU2600876-022	----	----	----
						Result	Result	----	----	----
Aggregate Organics										
Lipid content	----	E145/BU	0.50	% wwt		----	2.06	----	----	----
Polychlorinated Biphenyls										
PCB 001	2051-60-7	XE781A/BU	2	pg/g wwt		0.105 [J]	<0.11 [U]	----	----	----
PCB 002	2051-61-8	XE781A/BU	2	pg/g wwt		0.171 [J], M	<0.12 [U]	----	----	----
PCB 003	2051-62-9	XE781A/BU	5	pg/g wwt		0.189 [J], M	<0.26 [U], M, F	----	----	----
PCB 004	13029-08-8	XE781A/BU	5	pg/g wwt		0.380 [J], M	<0.45 [U]	----	----	----
PCB 010	33146-45-1	XE781A/BU	5	pg/g wwt		<0.042 [U]	<0.25 [U]	----	----	----
PCB 009	34883-39-1	XE781A/BU	2	pg/g wwt		<0.10 [U], M, F	<0.26 [U]	----	----	----
PCB 007	33284-50-3	XE781A/BU	2	pg/g wwt		<0.039 [U]	<0.24 [U]	----	----	----
PCB 006	25569-80-6	XE781A/BU	2	pg/g wwt		0.294 [J], M	<0.26 [U]	----	----	----
PCB 005	16605-91-7	XE781A/BU	2	pg/g wwt		<0.045 [U]	<0.24 [U]	----	----	----
PCB 008	34883-43-7	XE781A/BU	5	pg/g wwt		0.694 M	0.929 M	----	----	----
PCB 014	34883-41-5	XE781A/BU	2	pg/g wwt		<0.13 [U]	<0.27 [U]	----	----	----
PCB 011	2050-67-1	XE781A/BU	20	pg/g wwt		2.95 M, [B]	3.55 [B]	----	----	----
PCB 012+013	n/a	XE781A/BU	5	pg/g wwt		<0.12 [U]	<0.25 [U], M	----	----	----
PCB 015	2050-68-2	XE781A/BU	5	pg/g wwt		0.654	0.483 [J], M	----	----	----
PCB 019	38444-73-4	XE781A/BU	2	pg/g wwt		<0.21 [U], M, F	0.310 [U], [J], M, F	----	----	----
PCB 018+030	----	XE781A/BU	5	pg/g wwt		3.62	4.31 [B]	----	----	----
PCB 017	37680-66-3	XE781A/BU	2	pg/g wwt		1.88	1.48 M, [B]	----	----	----
PCB 027	38444-76-7	XE781A/BU	2	pg/g wwt		0.210 [J]	<0.094 [U]	----	----	----
PCB 123	65510-44-3	XE781A/BU	5	pg/g wwt		12.3 M	11.4	----	----	----

Analytical Results

Sub-Matrix: Animal Tissue
(Matrix: Biota)

					Client sample ID	[SVOC] CHBKTR3B+ ----	[SVOC] CHBKTR4+ ----	----	----	----
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit		BU2600876-021	BU2600876-022	----	----	----
						Result	Result	----	----	----
Polychlorinated Biphenyls										
PCB 024	55702-45-9	XE781A/BU	2	pg/g wwt		0.0535 [J]	<0.091 [U]	----	----	----
PCB 016	38444-78-9	XE781A/BU	2	pg/g wwt		0.567 [B]	0.800 M, [B]	----	----	----
PCB 032	38444-77-8	XE781A/BU	2	pg/g wwt		0.468 [J]	0.360 [J], M	----	----	----
PCB 034	37680-68-5	XE781A/BU	2	pg/g wwt		<0.087 [U]	<0.13 [U]	----	----	----
PCB 023	55720-44-0	XE781A/BU	2	pg/g wwt		<0.081 [U]	<0.13 [U]	----	----	----
PCB 026+029	----	XE781A/BU	5	pg/g wwt		3.91	2.87	----	----	----
PCB 025	55712-37-3	XE781A/BU	2	pg/g wwt		3.58	1.94	----	----	----
PCB 031	16606-02-3	XE781A/BU	5	pg/g wwt		13.6	11.9	----	----	----
PCB 020+028	----	XE781A/BU	5	pg/g wwt		26.1 M	19.2	----	----	----
PCB 021+033	----	XE781A/BU	5	pg/g wwt		0.331 [J], M	0.483 [J], M, [B]	----	----	----
PCB 022	38444-85-8	XE781A/BU	2	pg/g wwt		3.75	4.08 M	----	----	----
PCB 036	38444-87-0	XE781A/BU	2	pg/g wwt		<0.074 [U]	<0.12 [U]	----	----	----
PCB 039	38444-88-1	XE781A/BU	2	pg/g wwt		0.265 [J], M	<0.11 [U]	----	----	----
PCB 038	53555-66-1	XE781A/BU	2	pg/g wwt		0.203 [J]	0.227 [U], [J], M, F	----	----	----
PCB 058	41464-49-7	XE781A/BU	5	pg/g wwt		<2.2 [U], DLCI, M	4.30 M	----	----	----
PCB 035	37680-69-6	XE781A/BU	2	pg/g wwt		<0.084 [U], M	<0.14 [U]	----	----	----
PCB 037	38444-90-5	XE781A/BU	2	pg/g wwt		2.00	1.40	----	----	----
PCB 054	15968-05-5	XE781A/BU	5	pg/g wwt		0.137 [J]	<0.055 [U]	----	----	----
PCB 050+053	----	XE781A/BU	10	pg/g wwt		4.75	2.19 M	----	----	----
PCB 045+051	----	XE781A/BU	5	pg/g wwt		4.67	2.67 M, [B]	----	----	----
PCB 046	41464-47-5	XE781A/BU	2	pg/g wwt		0.521	<0.37 [U], F	----	----	----

Analytical Results

Sub-Matrix: Animal Tissue
(Matrix: Biota)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	[SVOC] CHBKTR3B+ ----	[SVOC] CHBKTR4+ ----	----	----	----
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	----	----	----
						BU2600876-021	BU2600876-022	----	----	----
						Result	Result	----	----	----
Polychlorinated Biphenyls										
PCB 052	35693-99-3	XE781A/BU	5	pg/g wwt		145 M	84.4 M	----	----	----
PCB 073	74338-23-1	XE781A/BU	5	pg/g wwt		<0.29 [U], M, F	<0.22 [U], M, F	----	----	----
PCB 043	70362-46-8	XE781A/BU	5	pg/g wwt		0.802 M	0.575 M	----	----	----
PCB 049+069	----	XE781A/BU	10	pg/g wwt		94.6	49.0 M	----	----	----
PCB 048	70362-47-9	XE781A/BU	5	pg/g wwt		4.56	3.09 M	----	----	----
PCB 044+047+065	----	XE781A/BU	10	pg/g wwt		122	65.0	----	----	----
PCB 059+062+075	----	XE781A/BU	10	pg/g wwt		6.74	4.72	----	----	----
PCB 042	36559-22-5	XE781A/BU	5	pg/g wwt		17.3	8.66	----	----	----
PCB 040+041+071	----	XE781A/BU	10	pg/g wwt		3.08	2.48 M	----	----	----
PCB 064	52663-58-8	XE781A/BU	5	pg/g wwt		28.5	19.5	----	----	----
PCB 072	41464-42-0	XE781A/BU	5	pg/g wwt		5.74	3.84	----	----	----
PCB 068	73575-52-7	XE781A/BU	5	pg/g wwt		5.20	3.48 [B]	----	----	----
PCB 057	70424-67-8	XE781A/BU	10	pg/g wwt		1.36	0.996	----	----	----
PCB 067	73575-53-8	XE781A/BU	5	pg/g wwt		5.69	3.17 M	----	----	----
PCB 063	74472-34-7	XE781A/BU	5	pg/g wwt		9.11	6.91 M	----	----	----
PCB 061+070+074+076	----	XE781A/BU	20	pg/g wwt		307	193	----	----	----
PCB 066	32598-10-0	XE781A/BU	5	pg/g wwt		169	111	----	----	----
PCB 055	74338-24-2	XE781A/BU	5	pg/g wwt		0.987 M	0.688	----	----	----
PCB 056	41464-43-1	XE781A/BU	5	pg/g wwt		26.8	17.2 M	----	----	----
PCB 060	33025-41-1	XE781A/BU	5	pg/g wwt		20.6	16.9 M	----	----	----
PCB 080	33284-52-5	XE781A/BU	5	pg/g wwt		3.92 M	1.86 M	----	----	----

Analytical Results

Sub-Matrix: Animal Tissue
(Matrix: Biota)

					Client sample ID	[SVOC] CHBKTR3B+ ----	[SVOC] CHBKTR4+ ----	----	----	----
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit		BU2600876-021	BU2600876-022	----	----	----
						Result	Result	----	----	----
Polychlorinated Biphenyls										
PCB 079	41464-48-6	XE781A/BU	5	pg/g wwt		7.46	3.80 M	----	----	----
PCB 078	70362-49-1	XE781A/BU	5	pg/g wwt		0.227 [J], M	<0.26 [U]	----	----	----
PCB 081	70362-50-4	XE781A/BU	5	pg/g wwt		1.20 M	0.712	----	----	----
PCB 077	32598-13-3	XE781A/BU	5	pg/g wwt		31.4	11.0 M	----	----	----
PCB 104	56558-16-8	XE781A/BU	5	pg/g wwt		<0.043 [U], F	<0.061 [U]	----	----	----
PCB 096	73575-54-9	XE781A/BU	20	pg/g wwt		<0.62 [U], F	<0.27 [U], F	----	----	----
PCB 103	60145-21-3	XE781A/BU	5	pg/g wwt		10.1	5.93 M	----	----	----
PCB 094	73575-55-0	XE781A/BU	20	pg/g wwt		1.90	<0.96 [U], M, F	----	----	----
PCB 095	38379-99-6	XE781A/BU	5	pg/g wwt		270	120 M	----	----	----
PCB 093+098+100+102	----	XE781A/BU	20	pg/g wwt		21.5 M	38.5 M	----	----	----
PCB 088+091	----	XE781A/BU	5	pg/g wwt		57.7	30.3	----	----	----
PCB 084	52663-60-2	XE781A/BU	5	pg/g wwt		40.4	19.1	----	----	----
PCB 089	73575-57-2	XE781A/BU	5	pg/g wwt		1.37	1.10	----	----	----
PCB 121	56558-18-0	XE781A/BU	5	pg/g wwt		0.419 [J]	0.292 [J]	----	----	----
PCB 092	52663-61-3	XE781A/BU	5	pg/g wwt		176	119 M	----	----	----
PCB 090+101+113	----	XE781A/BU	20	pg/g wwt		903	585 M	----	----	----
PCB 083+099	----	XE781A/BU	20	pg/g wwt		564 M	399 M	----	----	----
PCB 112	74472-36-9	XE781A/BU	5	pg/g wwt		<0.62 [U], M, F	1.03 M	----	----	----
PCB 086+087+097+109+119+125	----	XE781A/BU	20	pg/g wwt		345 M	268 M	----	----	----
PCB 085+110+115+116+117	----	XE781A/BU	5	pg/g wwt		960 M	455 M	----	----	----
PCB 082	52663-62-4	XE781A/BU	5	pg/g wwt		32.0	17.7 M	----	----	----

Analytical Results

Sub-Matrix: Animal Tissue
(Matrix: Biota)

					Client sample ID	[SVOC] CHBKTR3B+ ----	[SVOC] CHBKTR4+ ----	----	----	----
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit		BU2600876-021	BU2600876-022	----	----	----
						Result	Result	----	----	----
Polychlorinated Biphenyls										
PCB 111	39635-32-0	XE781A/BU	5	pg/g wwt		2.13	<1.3 [U], M, F	----	----	----
PCB 120	68194-12-7	XE781A/BU	5	pg/g wwt		10.9	9.38	----	----	----
PCB 108+124	----	XE781A/BU	10	pg/g wwt		31.4	22.5	----	----	----
PCB 107	70424-68-9	XE781A/BU	5	pg/g wwt		89.9 M	63.4	----	----	----
PCB 106	70424-69-0	XE781A/BU	5	pg/g wwt		<0.18 [U], M	<0.19 [U]	----	----	----
PCB 118	31508-00-6	XE781A/BU	10	pg/g wwt		989 M	725	----	----	----
PCB 122	76842-07-4	XE781A/BU	5	pg/g wwt		7.78	4.68	----	----	----
PCB 114	74472-37-0	XE781A/BU	5	pg/g wwt		20.5	18.3	----	----	----
PCB 105	32598-14-4	XE781A/BU	5	pg/g wwt		357	250	----	----	----
PCB 127	39635-33-1	XE781A/BU	5	pg/g wwt		2.76	1.99	----	----	----
PCB 126	57465-28-8	XE781A/BU	5	pg/g wwt		7.35	<5.2 [U], M, EMPC	----	----	----
PCB 155	33979-03-2	XE781A/BU	5	pg/g wwt		0.342 [J], M	<0.25 [U], [J], M, F	----	----	----
PCB 152	68194-09-2	XE781A/BU	5	pg/g wwt		<0.67 [U], M, F	<0.14 [U], M, F	----	----	----
PCB 150	68194-08-1	XE781A/BU	5	pg/g wwt		1.73	0.879 M	----	----	----
PCB 136	38411-22-2	XE781A/BU	5	pg/g wwt		47.2	25.7 M	----	----	----
PCB 145	74472-40-5	XE781A/BU	5	pg/g wwt		0.139 [J]	<0.049 [U], M	----	----	----
PCB 148	74472-41-6	XE781A/BU	5	pg/g wwt		3.83	2.35	----	----	----
PCB 135+151	----	XE781A/BU	10	pg/g wwt		379	465 M	----	----	----
PCB 154	60145-22-4	XE781A/BU	10	pg/g wwt		24.6	21.5 M	----	----	----
PCB 144	68194-14-9	XE781A/BU	5	pg/g wwt		51.7	37.0	----	----	----
PCB 147+149	----	XE781A/BU	10	pg/g wwt		914 M	557 M	----	----	----

Analytical Results

Sub-Matrix: Animal Tissue
(Matrix: Biota)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	[SVOC] CHBKTR3B+ ----	[SVOC] CHBKTR4+ ----	----	----	----
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	----	----	----
						BU2600876-021	BU2600876-022	----	----	----
						Result	Result	----	----	----
Polychlorinated Biphenyls										
PCB 134+143	----	XE781A/BU	10	pg/g wwt		46.8 M	26.6 M	----	----	----
PCB 139+140	----	XE781A/BU	10	pg/g wwt		24.4	21.9 M	----	----	----
PCB 131	61798-70-7	XE781A/BU	5	pg/g wwt		7.33	4.31	----	----	----
PCB 142	41411-61-4	XE781A/BU	5	pg/g wwt		<0.57 [U]	<0.47 [U]	----	----	----
PCB 132	38380-05-1	XE781A/BU	5	pg/g wwt		235	125	----	----	----
PCB 133	35694-04-3	XE781A/BU	5	pg/g wwt		43.0	33.7	----	----	----
PCB 165	74472-46-1	XE781A/BU	5	pg/g wwt		4.50	<2.2 [U], M, F	----	----	----
PCB 146	51908-16-8	XE781A/BU	5	pg/g wwt		341 M	286 M	----	----	----
PCB 161	74472-43-8	XE781A/BU	5	pg/g wwt		<0.36 [U], M	<0.32 [U]	----	----	----
PCB 153+168	----	XE781A/BU	10	pg/g wwt		2000	1810 M	----	----	----
PCB 141	52712-04-6	XE781A/BU	5	pg/g wwt		291	260 M	----	----	----
PCB 130	52663-66-8	XE781A/BU	5	pg/g wwt		97.6	76.6 M	----	----	----
PCB 137+164	----	XE781A/BU	5	pg/g wwt		144 M	57.4 [U], M, F	----	----	----
PCB 129+138+163	----	XE781A/BU	10	pg/g wwt		2060 M	2310 M	----	----	----
PCB 160	41411-62-5	XE781A/BU	10	pg/g wwt		2.55 M	7.26 M	----	----	----
PCB 158	74472-42-7	XE781A/BU	5	pg/g wwt		155 M	130 M	----	----	----
PCB 128+166	----	XE781A/BU	10	pg/g wwt		223	203	----	----	----
PCB 159	39635-35-3	XE781A/BU	5	pg/g wwt		11.2	5.87	----	----	----
PCB 162	39635-34-2	XE781A/BU	5	pg/g wwt		8.23 M	7.06	----	----	----
PCB 167	52663-72-6	XE781A/BU	5	pg/g wwt		66.7	53.1	----	----	----
PCB 156+157	----	XE781A/BU	10	pg/g wwt		135	112	----	----	----

Analytical Results

Sub-Matrix: Animal Tissue
(Matrix: Biota)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	[SVOC] CHBKTR3B+ ----	[SVOC] CHBKTR4+ ----	----	----	----
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	----	----	----
						BU2600876-021	BU2600876-022	----	----	----
						Result	Result	----	----	----
Polychlorinated Biphenyls										
PCB 169	32774-16-6	XE781A/BU	5	pg/g wwt		3.89 M	<4.1 [U], M, F	----	----	----
PCB 188	74487-85-7	XE781A/BU	5	pg/g wwt		<1.0 [U], F	<0.76 [U], F	----	----	----
PCB 179	52663-64-6	XE781A/BU	5	pg/g wwt		101	76.0 M	----	----	----
PCB 184	74472-48-3	XE781A/BU	5	pg/g wwt		0.632	0.750 M	----	----	----
PCB 176	52663-65-7	XE781A/BU	5	pg/g wwt		22.4	17.2	----	----	----
PCB 186	74472-49-4	XE781A/BU	5	pg/g wwt		<0.15 [U]	<0.15 [U]	----	----	----
PCB 178	52663-67-9	XE781A/BU	5	pg/g wwt		98.4	89.6	----	----	----
PCB 175	40186-70-7	XE781A/BU	5	pg/g wwt		16.8	15.8	----	----	----
PCB 187	52663-68-0	XE781A/BU	5	pg/g wwt		534	475	----	----	----
PCB 182	60145-23-5	XE781A/BU	5	pg/g wwt		<3.3 [U], DLCI	3.53	----	----	----
PCB 183	52663-69-1	XE781A/BU	10	pg/g wwt		243	216	----	----	----
PCB 185	52712-05-7	XE781A/BU	10	pg/g wwt		33.2 M	35.5	----	----	----
PCB 174	38411-25-5	XE781A/BU	5	pg/g wwt		216 M	133	----	----	----
PCB 177	52663-70-4	XE781A/BU	5	pg/g wwt		174	145 M	----	----	----
PCB 181	74472-47-2	XE781A/BU	20	pg/g wwt		2.21	2.65 M	----	----	----
PCB 171+173	----	XE781A/BU	20	pg/g wwt		93.0	91.8 M	----	----	----
PCB 172	52663-74-8	XE781A/BU	5	pg/g wwt		70.3	67.7	----	----	----
PCB 192	74472-51-8	XE781A/BU	20	pg/g wwt		<0.18 [U]	<0.16 [U]	----	----	----
PCB 180+193	----	XE781A/BU	10	pg/g wwt		799	776 M	----	----	----
PCB 191	74472-50-7	XE781A/BU	5	pg/g wwt		12.6	12.4 M	----	----	----
PCB 170	35065-30-6	XE781A/BU	5	pg/g wwt		261	263	----	----	----

Analytical Results

Sub-Matrix: Animal Tissue
(Matrix: Biota)

					Client sample ID	[SVOC] CHBKTR3B+ ----	[SVOC] CHBKTR4+ ----	----	----	----
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit		BU2600876-021	BU2600876-022	----	----	----
						Result	Result	----	----	----
Polychlorinated Biphenyls										
PCB 190	41411-64-7	XE781A/BU	5	pg/g wwt		55.5	55.7 M	----	----	----
PCB 189	39635-31-9	XE781A/BU	5	pg/g wwt		10.5 M	11.0	----	----	----
PCB 202	2136-99-4	XE781A/BU	10	pg/g wwt		18.9	15.3	----	----	----
PCB 201	40186-71-8	XE781A/BU	5	pg/g wwt		13.1	12.8	----	----	----
PCB 204	74472-52-9	XE781A/BU	5	pg/g wwt		<0.13 [U], F	0.133 [J]	----	----	----
PCB 197	33091-17-7	XE781A/BU	10	pg/g wwt		<3.7 [U], F	4.62	----	----	----
PCB 200	52663-73-7	XE781A/BU	10	pg/g wwt		7.59 [U], F	5.65	----	----	----
PCB 198+199	----	XE781A/BU	10	pg/g wwt		118	128	----	----	----
PCB 196	42740-50-1	XE781A/BU	5	pg/g wwt		51.5	54.4	----	----	----
PCB 203	52663-76-0	XE781A/BU	5	pg/g wwt		63.9	68.8	----	----	----
PCB 195	52663-78-2	XE781A/BU	5	pg/g wwt		32.6	36.7	----	----	----
PCB 194	35694-08-7	XE781A/BU	5	pg/g wwt		73.4	83.7	----	----	----
PCB 205	74472-53-0	XE781A/BU	5	pg/g wwt		4.57 M	5.80 M	----	----	----
PCB 208	52663-77-1	XE781A/BU	5	pg/g wwt		2.54	2.99	----	----	----
PCB 207	52663-79-3	XE781A/BU	5	pg/g wwt		2.26 M	2.54	----	----	----
PCB 206	40186-72-9	XE781A/BU	5	pg/g wwt		10.8 M	12.5	----	----	----
PCB 209	2051-24-3	XE781A/BU	10	pg/g wwt		<1.1 [U], F	1.84	----	----	----
Monochlorinated biphenyls, total	27323-18-8	XE781A/BU	200	pg/g wwt		0.464 [J]	<0.100 [U]	----	----	----
Dichlorinated biphenyls, total	25512-42-9	XE781A/BU	200	pg/g wwt		4.97 [J]	4.96 [J]	----	----	----
Trichlorinated biphenyls, total	25323-68-6	XE781A/BU	200	pg/g wwt		60.5 [J]	49.3 [J]	----	----	----
Tetrachlorinated biphenyls, total	26914-33-0	XE781A/BU	400	pg/g wwt		1030 [J]	621 [J]	----	----	----

Analytical Results

Sub-Matrix: Animal Tissue
(Matrix: Biota)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	[SVOC] CHBKTR3B+ ----	[SVOC] CHBKTR4+ ----	----	----	----
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	----	----	----
						BU2600876-021	BU2600876-022	----	----	----
						Result	Result	----	----	----
Polychlorinated Biphenyls										
Pentachlorinated biphenyls, total	25429-29-2	XE781A/BU	400	pg/g wwt		4910 [J]	3170 [J]	----	----	----
Hexachlorinated biphenyls, total	26601-64-9	XE781A/BU	400	pg/g wwt		7320 [J]	6640 [J]	----	----	----
Heptachlorinated biphenyls, total	28655-71-2	XE781A/BU	200	pg/g wwt		2740 [J]	2490 [J]	----	----	----
Octachlorinated biphenyls, total	55722-26-4	XE781A/BU	100	pg/g wwt		383 [J]	416 [J]	----	----	----
Nonachlorinated biphenyls, total	53742-07-7	XE781A/BU	100	pg/g wwt		15.6 [J]	18.0 [J]	----	----	----
Decachlorobiphenyl	2051-24-3	XE781A/BU	5	pg/g wwt		<0.11 [U]	1.84 [J]	----	----	----
Polychlorinated biphenyls [PCBs], total	1336-36-3	XE781A/BU	800	pg/g wwt		16500 [J]	13400 [J]	----	----	----
Polychlorinated Biphenyls Extraction Standards										
PCB 001, 13C12	234432-85-0	XE781A/BU	0.1	%		37.9	32.0	----	----	----
PCB 003, 13C12	208263-77-8	XE781A/BU	0.1	%		41.1	35.6	----	----	----
PCB 004, 13C12	234432-86-1	XE781A/BU	0.1	%		43.8	50.4	----	----	----
PCB 015, 13C12	208263-67-6	XE781A/BU	0.1	%		52.5	45.2	----	----	----
PCB 019, 13C12	234432-87-2	XE781A/BU	0.1	%		48.0	79.9	----	----	----
PCB 037, 13C12	208263-79-0	XE781A/BU	0.1	%		62.2	54.3	----	----	----
PCB 054, 13C12	234432-88-3	XE781A/BU	0.1	%		56.9	83.6	----	----	----
PCB 081, 13C12	208461-24-9	XE781A/BU	0.1	%		64.1	62.7	----	----	----
PCB 077, 13C12	105600-23-5	XE781A/BU	0.1	%		60.9	59.3	----	----	----
PCB 104, 13C12	234432-89-4	XE781A/BU	0.1	%		64.2	106	----	----	----
PCB 123, 13C12	208263-64-3	XE781A/BU	0.1	%		57.7	63.1	----	----	----
PCB 118, 13C12	104130-40-7	XE781A/BU	0.1	%		57.6	56.9	----	----	----
PCB 114, 13C12	208263-63-2	XE781A/BU	0.1	%		59.6	60.2	----	----	----

Analytical Results

Sub-Matrix: Animal Tissue
(Matrix: Biota)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	[SVOC] CHBKTR3B+ ----	[SVOC] CHBKTR4+ ----	----	----	----
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	----	----	----
						BU2600876-021	BU2600876-022	----	----	----
						Result	Result	----	----	----
Polychlorinated Biphenyls Extraction Standards										
PCB 105, 13C12	208263-62-1	XE781A/BU	0.1	%		59.0	58.9	----	----	----
PCB 052, 13C12	208263-80-3	XE781A/BU	0.1	%		NR	NR	----	----	----
PCB 126, 13C12	208263-65-4	XE781A/BU	0.1	%		55.0	52.0	----	----	----
PCB 155, 13C12	234432-90-7	XE781A/BU	0.1	%		64.7	92.6	----	----	----
PCB 167, 13C12	208263-69-8	XE781A/BU	0.1	%		67.9	74.2	----	----	----
PCB 156+157, 13C12	N/A	XE781A/BU	0.1	%		63.1	71.0	----	----	----
PCB 169, 13C12	208263-70-1	XE781A/BU	0.1	%		52.3	61.0	----	----	----
PCB 188, 13C12	234432-91-8	XE781A/BU	0.1	%		76.5	98.0	----	----	----
PCB 189, 13C12	208263-73-4	XE781A/BU	0.1	%		42.1	46.2	----	----	----
PCB 202, 13C12	105600-26-8	XE781A/BU	0.1	%		67.3	106	----	----	----
PCB 205, 13C12	234446-64-1	XE781A/BU	0.1	%		71.6	77.4	----	----	----
PCB 208, 13C12	234432-92-9	XE781A/BU	0.1	%		94.5	105	----	----	----
PCB 206, 13C12	208263-75-6	XE781A/BU	0.1	%		66.3	84.4	----	----	----
PCB 209, 13C12	105600-27-9	XE781A/BU	0.1	%		56.0	59.5	----	----	----
Polychlorinated Biphenyls Cleanup Standards										
PCB 028, 13C12	208263-76-7	XE781A/BU	0.1	%		62.8	54.1	----	----	----
PCB 111, 13C12	235416-29-2	XE781A/BU	0.1	%		67.4	70.3	----	----	----
PCB 178, 13C12	232919-67-4	XE781A/BU	0.1	%		76.1	102	----	----	----
Toxic Equivalency										
PCB TEQ - WHO 2005 (ND=0*EDL)	n/a	XE781A/BU	0.0	pg/g wwt		0.903	0.0367	----	----	----
PCB TEQ - WHO 2005 (ND=0.5*EDL)	n/a	XE781A/BU	0.0	pg/g wwt		0.903	0.357	----	----	----

Analytical Results

Sub-Matrix: Animal Tissue
(Matrix: Biota)

				Client sample ID	[SVOC] CHBKTR3B+ ----	[SVOC] CHBKTR4+ ----	----	----	----
				Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	BU2600876-021	BU2600876-022	----	----	----
					Result	Result	----	----	----
Toxic Equivalency									
PCB TEQ - WHO 2005 (ND=1*EDL)	n/a	XE781A/BU	0.0	pg/g wwt	0.903	0.678	----	----	----

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

Analytical Results

Sub-Matrix: Fish
(Matrix: Food)

				Client sample ID	[SVOC] CHBKTR1+ ----	[SVOC] CHBKTR2A+ ----	[SVOC] CHBKTR2B+ ----	[SVOC] CHBKTR3A+ ----	[SVOC] CHBKTR3B+ ----
				Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00
Analyte	CAS Number	Method/Lab	LOR	Unit	BU2600876-011	BU2600876-012	BU2600876-013	BU2600876-014	BU2600876-015
					Result	Result	Result	Result	Result
Sample Preparation									
Weight, extraction (wet)	----	EP802B/BU	0.0001	g	10.0478	10.1800	10.0733	10.2163	10.1779
Polychlorinated Dibenzo(p)dioxins									
TCDD, 2,3,7,8-	1746-01-6	XE785F/BU	10	pg/g wwt	<0.016 [U]	<0.024 [U]	<0.064 [U]	<0.022 [U]	<0.020 [U]
PeCDD, 1,2,3,7,8-	40321-76-4	XE785F/BU	10	pg/g wwt	<0.069 [U], M, F	<0.033 [U]	<0.024 [U], M	<0.039 [U], M	<0.028 [U], M
HxCDD, 1,2,3,4,7,8-	39227-28-6	XE785F/BU	10	pg/g wwt	<0.067 [J], F	<0.098 [U], M, F	0.118 [J], M	<0.069 [J], M, F	<0.043 [U], M, F
HxCDD, 1,2,3,6,7,8-	57653-85-7	XE785F/BU	10	pg/g wwt	<0.088 [U], F	<0.045 [U], M, F	0.116 [J], M	<0.096 [J], M, F	0.0648 [J], M
HxCDD, 1,2,3,7,8,9-	19408-74-3	XE785F/BU	10	pg/g wwt	<0.033 [U]	<0.048 [U], M, F	0.0407 [J], M	<0.040 [U]	0.0491 [J], M
HpCDD, 1,2,3,4,6,7,8-	35822-46-9	XE785F/BU	10	pg/g wwt	0.220 [J], M	<0.039 [J], M, F	0.114 [J], M	<0.19 [U], M, F	<0.17 [J], M, F
OCDD	3268-87-9	XE785F/BU	20	pg/g wwt	0.813 [J], M, [B]	0.480 [J], M, [B]	0.671 [J], M, [B]	1.19 M, [B]	0.632 [J], M, [B]
Polychlorinated Dibenzofurans									
TCDF, 2,3,7,8-	51207-31-9	XE785F/BU	10	pg/g wwt	0.744 M	0.896 M	2.46 M	2.09 M	0.924 M
PeCDF, 1,2,3,7,8-	57117-41-6	XE785F/BU	10	pg/g wwt	<0.046 [U]	<0.034 [U]	<0.11 [U], M, F	<0.051 [U], M, F	<0.081 [J], M, F
PeCDF, 2,3,4,7,8-	57117-31-4	XE785F/BU	10	pg/g wwt	<0.048 [U], M, F	<0.062 [J], M, F	<0.061 [J], M, F	<0.13 [J], F	<0.12 [J], M, F

Analytical Results

Sub-Matrix: Fish
(Matrix: Food)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	[SVOC] CHBKTR1+ ----	[SVOC] CHBKTR2A+ ----	[SVOC] CHBKTR2B+ ----	[SVOC] CHBKTR3A+ ----	[SVOC] CHBKTR3B+ ----
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00
						BU2600876-011	BU2600876-012	BU2600876-013	BU2600876-014	BU2600876-015
						Result	Result	Result	Result	Result
Polychlorinated Dibenzofurans										
HxCDF, 1,2,3,4,7,8-	70648-26-9	XE785F/BU	10	pg/g wwt		<0.051 [U]	<0.067 [U]	<0.061 [J], M, F	<0.079 [U]	<0.045 [U]
HxCDF, 1,2,3,6,7,8-	57117-44-9	XE785F/BU	10	pg/g wwt		<0.057 [U], M, F	<0.071 [U], M	0.0784 [J]	<0.073 [U], M, F	<0.048 [U]
HxCDF, 2,3,4,6,7,8-	60851-34-5	XE785F/BU	10	pg/g wwt		<0.050 [U]	<0.070 [U]	<0.040 [U]	<0.078 [U]	<0.046 [U]
HxCDF, 1,2,3,7,8,9-	72918-21-9	XE785F/BU	10	pg/g wwt		<0.071 [U]	<0.098 [U]	<0.056 [U]	<0.11 [U]	<0.064 [U]
HpCDF, 1,2,3,4,6,7,8-	67562-39-4	XE785F/BU	10	pg/g wwt		<0.046 [J], F	<0.026 [U]	0.0665 [J]	0.180 [J]	<0.044 [J], F
HpCDF, 1,2,3,4,7,8,9-	55673-89-7	XE785F/BU	10	pg/g wwt		<0.053 [U], M, F	<0.050 [U], M, F	<0.041 [J], F	<0.032 [U]	<0.041 [U], M, F
OCDF	39001-02-0	XE785F/BU	20	pg/g wwt		<0.30 [J], F	<0.10 [U]	<0.075 [J], M, F	0.298 [J], M	<0.063 [U]
Dioxin-like Polychlorinated Biphenyls										
PCB 081	70362-50-4	XE785F/BU	10	pg/g wwt		1.91	2.40	6.81	6.17	<2.3 F
PCB 077	32598-13-3	XE785F/BU	10	pg/g wwt		14.6	15.8	34.3	46.7	17.1
PCB 123	65510-44-3	XE785F/BU	10	pg/g wwt		<4.7 [U], M, F	<11 [U], M, F	31.3 M	<23 [U], M, F	11.7 M
PCB 118	31508-00-6	XE785F/BU	20	pg/g wwt		375	759	2080	1970	710
PCB 114	74472-37-0	XE785F/BU	10	pg/g wwt		14.1	26.0	69.2	61.7	23.9
PCB 105	32598-14-4	XE785F/BU	10	pg/g wwt		128	263	785	676	255
PCB 126	57465-28-8	XE785F/BU	10	pg/g wwt		2.61	4.28	11.7	12.2	5.05
PCB 167	52663-72-6	XE785F/BU	10	pg/g wwt		25.7	47.5	119	112	50.4
PCB 156	38380-08-4	XE785F/BU	10	pg/g wwt		47.9	89.1	228	209	91.8
PCB 157	69782-90-7	XE785F/BU	10	pg/g wwt		9.85	18.6	47.4	43.3	19.6
PCB 169	32774-16-6	XE785F/BU	10	pg/g wwt		<0.26 [U], M	<0.50 [U]	<0.46 [U]	<0.68 [U]	<0.38 [U], F
PCB 189	39635-31-9	XE785F/BU	10	pg/g wwt		5.13	7.77	19.1	18.2	8.79

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Analytical Results

Sub-Matrix: Fish
(Matrix: Food)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	[SVOC] CHBKTR1+ ----	[SVOC] CHBKTR2A+ ----	[SVOC] CHBKTR2B+ ----	[SVOC] CHBKTR3A+ ----	[SVOC] CHBKTR3B+ ----
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00
						BU2600876-011	BU2600876-012	BU2600876-013	BU2600876-014	BU2600876-015
						Result	Result	Result	Result	Result
Marker Polychlorinated Biphenyls										
PCB 028	7012-37-5	XE785F/BU	0.01	ng/g wwt		0.0693	0.0389	0.0526	0.125	0.0385
PCB 052	35693-99-3	XE785F/BU	0.01	ng/g wwt		0.505	0.129	0.282	0.424	0.0993
PCB 101	37680-73-2	XE785F/BU	0.01	ng/g wwt		0.571 M	0.762 M	2.14 M, [E]	2.00 M	0.681 M
PCB 153	35065-27-1	XE785F/BU	0.01	ng/g wwt		0.773	1.47	3.78	3.44	1.44
PCB 138	35065-28-2	XE785F/BU	0.01	ng/g wwt		0.551	1.08	2.93	2.47	1.09
PCB 180	35065-29-3	XE785F/BU	0.01	ng/g wwt		0.432	0.777	1.95	1.70	0.755
ICES-6 Marker PCBs, Total (ND=1*EDL)	n/a	XE785F/BU	0.01	ng/g wwt		2.90	4.26	11.1	10.2	4.11
Dioxins and Furans Extraction Standards										
TCDD-13C12, 2,3,7,8-	76523-40-5	XE785F/BU	0.1	%		72.9	69.5	72.1	78.2	79.3
PeCDD-13C12, 1,2,3,7,8-	109719-79-1	XE785F/BU	0.1	%		71.7	64.3	72.3	67.1	67.7
HxCDD-13C12, 1,2,3,4,7,8-	109719-80-4	XE785F/BU	0.1	%		74.3	70.1	73.8	70.6	69.5
HxCDD-13C12, 1,2,3,6,7,8-	109719-81-5	XE785F/BU	0.1	%		75.8	69.9	74.0	70.6	70.0
HxCDD-13C12, 1,2,3,7,8,9-	109719-82-6	XE785F/BU	0.1	%		65.1	62.6	67.9	67.8	65.5
HpCDD-13C12, 1,2,3,4,6,7,8-	109719-83-7	XE785F/BU	0.1	%		77.3	72.7	78.1	77.2	75.1
OCDD-13C12	114423-97-1	XE785F/BU	0.1	%		58.0	55.7	68.0	64.0	60.3
TCDF-13C12, 2,3,7,8-	89059-46-1	XE785F/BU	0.1	%		74.8	67.0	72.5	70.8	68.2
PeCDF-13C12, 1,2,3,7,8-	109719-77-9	XE785F/BU	0.1	%		72.6	62.9	71.3	66.3	64.7
PeCDF-13C12, 2,3,4,7,8-	116843-02-8	XE785F/BU	0.1	%		72.0	65.4	67.0	65.8	66.5
HxCDF-13C12, 1,2,3,4,7,8-	114423-98-2	XE785F/BU	0.1	%		76.6	73.1	76.1	72.8	74.2
HxCDF-13C12, 1,2,3,6,7,8-	116843-03-9	XE785F/BU	0.1	%		75.8	70.7	77.1	75.0	74.0
HxCDF-13C12, 2,3,4,6,7,8-	116843-05-1	XE785F/BU	0.1	%		74.5	68.1	76.5	72.3	74.0

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Analytical Results

Sub-Matrix: Fish
(Matrix: Food)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	[SVOC] CHBKTR1+ ----	[SVOC] CHBKTR2A+ ----	[SVOC] CHBKTR2B+ ----	[SVOC] CHBKTR3A+ ----	[SVOC] CHBKTR3B+ ----
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00
						BU2600876-011	BU2600876-012	BU2600876-013	BU2600876-014	BU2600876-015
						Result	Result	Result	Result	Result
Dioxins and Furans Extraction Standards										
HxCDF-13C12, 1,2,3,7,8,9-	116843-04-0	XE785F/BU	0.1	%		63.4	60.3	67.8	60.8	64.8
HpCDF-13C12, 1,2,3,4,6,7,8-	67562-39-4	XE785F/BU	0.1	%		83.1	79.1	82.7	78.6	79.6
HpCDF-13C12, 1,2,3,4,7,8,9-	55673-89-7	XE785F/BU	0.1	%		69.9	65.7	70.9	69.4	66.4
OCDF-13C12	109719-78-0	XE785F/BU	0.1	%		59.1	55.1	67.0	64.7	61.1
Polychlorinated Biphenyls Extraction Standards										
PCB 028, 13C12	208263-76-7	XE785F/BU	0.1	%		61.6	57.5	58.6	59.9	56.4
PCB 052, 13C12	208263-80-3	XE785F/BU	0.1	%		59.7	57.8	58.0	60.2	56.9
PCB 081, 13C12	208461-24-9	XE785F/BU	0.1	%		66.6	56.5	59.9	61.5	64.2
PCB 077, 13C12	105600-23-5	XE785F/BU	0.1	%		70.1	57.5	61.9	63.5	65.9
PCB 101, 13C12	104130-39-4	XE785F/BU	0.1	%		66.2	63.1	67.2	66.9	61.5
PCB 123, 13C12	208263-64-3	XE785F/BU	0.1	%		65.9	60.1	64.9	66.6	63.3
PCB 118, 13C12	104130-40-7	XE785F/BU	0.1	%		70.7	64.9	68.3	67.4	66.6
PCB 114, 13C12	208263-63-2	XE785F/BU	0.1	%		66.2	61.0	62.3	64.0	63.0
PCB 105, 13C12	208263-62-1	XE785F/BU	0.1	%		68.9	61.5	67.1	65.9	65.8
PCB 126, 13C12	208263-65-4	XE785F/BU	0.1	%		69.5	54.6	60.7	60.9	63.7
PCB 153, 13C12	185376-58-3	XE785F/BU	0.1	%		67.4	68.4	69.5	69.6	65.6
PCB 138, 13C12	208263-66-5	XE785F/BU	0.1	%		70.4	64.8	69.0	64.5	61.3
PCB 167, 13C12	208263-69-8	XE785F/BU	0.1	%		68.8	64.3	70.0	61.9	61.5
PCB 156, 13C12	208263-68-7	XE785F/BU	0.1	%		69.6	61.1	69.6	64.4	64.4
PCB 157, 13C12	235416-30-5	XE785F/BU	0.1	%		65.5	57.8	65.0	61.2	62.1
PCB 169, 13C12	208263-70-1	XE785F/BU	0.1	%		63.8	52.1	61.2	57.6	60.7

Analytical Results

Sub-Matrix: Fish (Matrix: Food)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	[SVOC] CHBKTR1+ ----	[SVOC] CHBKTR2A+ ----	[SVOC] CHBKTR2B+ ----	[SVOC] CHBKTR3A+ ----	[SVOC] CHBKTR3B+ ----
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00
						BU2600876-011	BU2600876-012	BU2600876-013	BU2600876-014	BU2600876-015
						Result	Result	Result	Result	Result
Polychlorinated Biphenyls Extraction Standards										
PCB 180, 13C12	208263-72-3	XE785F/BU	0.1	%		74.3	72.8	75.8	70.7	71.4
PCB 189, 13C12	208263-73-4	XE785F/BU	0.1	%		66.9	62.2	67.6	63.5	64.3
Toxic Equivalency										
PCB TEQ - WHO 2005 (ND=0*EDL)	n/a	XE785F/BU	0.0	pg/g wwt		0.281	0.467	1.27	1.32	0.542
PCB TEQ - WHO 2005 (ND=1*EDL)	n/a	XE785F/BU	0.0	pg/g wwt		0.289	0.482	1.29	1.34	0.554
PCDD/F TEQ - WHO 2005 (ND=0*EDL)	n/a	XE785F/BU	0.0	pg/g wwt		0.0769	0.0897	0.283	0.211	0.104
PCDD/F TEQ - WHO 2005 (ND=1*EDL)	n/a	XE785F/BU	0.0	pg/g wwt		0.220	0.218	0.409	0.371	0.218
PCDD/F/PCB total TEQ - WHO 2005 (ND=0*EDL)	n/a	XE785F/BU	0.0	pg/g wwt		0.358	0.556	1.56	1.53	0.646
PCDD/F/PCB total TEQ - WHO 2005 (ND=1*EDL)	n/a	XE785F/BU	0.0	pg/g wwt		0.509	0.700	1.70	1.71	0.772

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

Analytical Results

Sub-Matrix: Fish (Matrix: Food)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	[SVOC] CHBKTR4+ ----	[SVOC] CHBKTR Unk ----	[SVOC] HATCH ----	[SVOC] CHBKTR SPLIT ----	[SVOC] NIST 1974 SRM ----
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00
						BU2600876-016	BU2600876-017	BU2600876-018	BU2600876-019	BU2600876-020
						Result	Result	Result	Result	Result
Sample Preparation										
Weight, extraction (wet)	----	EP802B/BU	0.0001	g		10.0256	10.0898	10.1028	10.0790	1.2514
Polychlorinated Dibenzo(p)dioxins										
TCDD, 2,3,7,8-	1746-01-6	XE785F/BU	10	pg/g wwt		<0.086 [U]	0.185 [J]	<0.017 [U], M	<0.10 [J], M, F	<0.93 [U], F
PeCDD, 1,2,3,7,8-	40321-76-4	XE785F/BU	10	pg/g wwt		<0.18 [U]	<0.025 [U]	0.0188 [J], M	<0.073 [U], M, F	<0.28 [U], M, F

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Analytical Results

Sub-Matrix: Fish
(Matrix: Food)

					Client sample ID	[SVOC] CHBKTR4+ ----	[SVOC] CHBKTR Unk ----	[SVOC] HATCH ----	[SVOC] CHBKTR SPLIT ----	[SVOC] NIST 1974 SRM
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00
Analyte	CAS Number	Method/Lab	LOR	Unit		BU2600876-016	BU2600876-017	BU2600876-018	BU2600876-019	BU2600876-020
						Result	Result	Result	Result	Result
Polychlorinated Dibenzo(p)dioxins										
HxCDD, 1,2,3,4,7,8-	39227-28-6	XE785F/BU	10	pg/g wwt		<0.26 [U]	<0.12 [J], M, F	<0.082 [J], M, F	0.173 [J], M	<0.79 [U], M, F
HxCDD, 1,2,3,6,7,8-	57653-85-7	XE785F/BU	10	pg/g wwt		<0.26 [U]	<0.10 [U], M, F	<0.099 [U], M, F	0.103 [J], M	<0.68 [U], M, F
HxCDD, 1,2,3,7,8,9-	19408-74-3	XE785F/BU	10	pg/g wwt		<0.32 [U]	<0.040 [U]	<0.043 [U], M	0.0724 [J]	<0.58 [J], M, F
HpCDD, 1,2,3,4,6,7,8-	35822-46-9	XE785F/BU	10	pg/g wwt		<0.58 [U]	<0.12 [U], M, F	0.198 [J], M	0.173 [J], M	6.40 M
OCDD	3268-87-9	XE785F/BU	20	pg/g wwt		<1.2 [U]	<0.31 [J], M, F	0.711 [J], [B]	0.607 [J], M, [B]	29.0 [B]
Polychlorinated Dibenzofurans										
TCDF, 2,3,7,8-	51207-31-9	XE785F/BU	10	pg/g wwt		0.410 [J], M	2.55 M	<0.19 [U], M, F	4.31 M	4.48 M
PeCDF, 1,2,3,7,8-	57117-41-6	XE785F/BU	10	pg/g wwt		<0.12 [U]	<0.14 [U], M, F	<0.045 [J], M, F	<0.11 [J], M, F	1.17 [J], M
PeCDF, 2,3,4,7,8-	57117-31-4	XE785F/BU	10	pg/g wwt		<0.11 [J], M, F	0.146 [J], M	<0.032 [U], M, F	0.0873 [J]	<0.38 [U], M, F
HxCDF, 1,2,3,4,7,8-	70648-26-9	XE785F/BU	10	pg/g wwt		<0.18 [U]	<0.060 [U]	<0.040 [U], M	<0.054 [J], M, F	<0.33 [U]
HxCDF, 1,2,3,6,7,8-	57117-44-9	XE785F/BU	10	pg/g wwt		<0.14 [U]	<0.056 [U]	<0.039 [U]	<0.13 [J], M, F	<0.33 [U]
HxCDF, 2,3,4,6,7,8-	60851-34-5	XE785F/BU	10	pg/g wwt		<0.17 [U]	<0.054 [U]	<0.040 [U]	<0.046 [U], M	<0.34 [U]
HxCDF, 1,2,3,7,8,9-	72918-21-9	XE785F/BU	10	pg/g wwt		<0.19 [U]	<0.088 [U]	<0.054 [U]	<0.061 [U]	<0.48 [U]
HpCDF, 1,2,3,4,6,7,8-	67562-39-4	XE785F/BU	10	pg/g wwt		<0.70 [U], M, F	<0.058 [U], M	<0.075 [J], F	<0.075 [J], M, F	<0.96 [U], F
HpCDF, 1,2,3,4,7,8,9-	55673-89-7	XE785F/BU	10	pg/g wwt		<0.24 [U]	<0.083 [U]	<0.073 [J], M, F	<0.051 [J], M, F	<0.35 [U], M, F
OCDF	39001-02-0	XE785F/BU	20	pg/g wwt		<0.43 [U]	<0.12 [J], F	<0.058 [J], M, F	<0.050 [U], M, F	<1.4 [U], M, F
Dioxin-like Polychlorinated Biphenyls										
PCB 081	70362-50-4	XE785F/BU	10	pg/g wwt		<7.7 [U], M	<6.3 [U], F	0.792 [B]	9.79	17.6
PCB 077	32598-13-3	XE785F/BU	10	pg/g wwt		10.8 M	36.3	5.93	93.2	211
PCB 123	65510-44-3	XE785F/BU	10	pg/g wwt		<17 M, F	<27 [U], M, F	1.82 M	54.5 M	89.7 M
PCB 118	31508-00-6	XE785F/BU	20	pg/g wwt		837	1840	92.8	3500	4340

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Analytical Results

Sub-Matrix: Fish
(Matrix: Food)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	[SVOC] CHBKTR4+ ----	[SVOC] CHBKTR Unk ----	[SVOC] HATCH ----	[SVOC] CHBKTR SPLIT ----	[SVOC] NIST 1974 SRM
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00
						BU2600876-016	BU2600876-017	BU2600876-018	BU2600876-019	BU2600876-020
						Result	Result	Result	Result	Result
Dioxin-like Polychlorinated Biphenyls										
PCB 114	74472-37-0	XE785F/BU	10	pg/g wwt		25.0 M	63.1	3.06	120	132
PCB 105	32598-14-4	XE785F/BU	10	pg/g wwt		312	669	20.7	1260	1600
PCB 126	57465-28-8	XE785F/BU	10	pg/g wwt		<5.7 [U], M, F	10.0	<0.25 [J], M, F	23.7	11.7
PCB 167	52663-72-6	XE785F/BU	10	pg/g wwt		66.5 M	103	2.11	189	245
PCB 156	38380-08-4	XE785F/BU	10	pg/g wwt		126 M	186	3.07	363	302
PCB 157	69782-90-7	XE785F/BU	10	pg/g wwt		21.1 M	44.7	0.977	77.7	97.9
PCB 169	32774-16-6	XE785F/BU	10	pg/g wwt		<0.31 [U], M, F	<1.0 M, F	<0.055 [U], M	<0.71 [U]	<0.90 [U]
PCB 189	39635-31-9	XE785F/BU	10	pg/g wwt		12.5 M	15.7	0.375 [J], M	27.9	22.8
Marker Polychlorinated Biphenyls										
PCB 028	7012-37-5	XE785F/BU	0.01	ng/g wwt		0.0336	0.0872	0.0995	0.225	2.43
PCB 052	35693-99-3	XE785F/BU	0.01	ng/g wwt		0.0837	0.280	0.736	0.844	2.54
PCB 101	37680-73-2	XE785F/BU	0.01	ng/g wwt		0.688	1.97	0.351 M	3.95	4.33 M
PCB 153	35065-27-1	XE785F/BU	0.01	ng/g wwt		1.89 M	3.29	0.0921	5.67	5.81
PCB 138	35065-28-2	XE785F/BU	0.01	ng/g wwt		1.36 M	2.55	0.0661	4.36	4.97
PCB 180	35065-29-3	XE785F/BU	0.01	ng/g wwt		1.20	1.61	0.0210	2.84	0.599
ICES-6 Marker PCBs, Total (ND=1*EDL)	n/a	XE785F/BU	0.01	ng/g wwt		5.26	9.79	1.37	17.9	20.7
Dioxins and Furans Extraction Standards										
TCDD-13C12, 2,3,7,8-	76523-40-5	XE785F/BU	0.1	%		71.2	64.9	69.8	75.4	79.3
PeCDD-13C12, 1,2,3,7,8-	109719-79-1	XE785F/BU	0.1	%		92.3	71.3	74.3	76.8	80.1
HxCDD-13C12, 1,2,3,4,7,8-	109719-80-4	XE785F/BU	0.1	%		73.4	72.2	69.5	76.2	77.6
HxCDD-13C12, 1,2,3,6,7,8-	109719-81-5	XE785F/BU	0.1	%		69.0	70.9	69.7	76.8	74.7

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Analytical Results

Sub-Matrix: Fish
(Matrix: Food)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	[SVOC] CHBKTR4+ ----	[SVOC] CHBKTR Unk ----	[SVOC] HATCH ----	[SVOC] CHBKTR SPLIT ----	[SVOC] NIST 1974 SRM
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00
						BU2600876-016	BU2600876-017	BU2600876-018	BU2600876-019	BU2600876-020
						Result	Result	Result	Result	Result
Dioxins and Furans Extraction Standards										
HxCDD-13C12, 1,2,3,7,8,9-	109719-82-6	XE785F/BU	0.1	%		75.2	64.8	64.7	71.1	69.5
HpCDD-13C12, 1,2,3,4,6,7,8-	109719-83-7	XE785F/BU	0.1	%		80.0	74.9	70.0	82.9	84.7
OCDD-13C12	114423-97-1	XE785F/BU	0.1	%		60.5	57.4	56.9	68.8	67.6
TCDF-13C12, 2,3,7,8-	89059-46-1	XE785F/BU	0.1	%		80.0	66.0	73.2	75.4	78.2
PeCDF-13C12, 1,2,3,7,8-	109719-77-9	XE785F/BU	0.1	%		84.4	70.2	70.7	75.5	77.9
PeCDF-13C12, 2,3,4,7,8-	116843-02-8	XE785F/BU	0.1	%		86.5	71.9	68.5	73.8	81.4
HxCDF-13C12, 1,2,3,4,7,8-	114423-98-2	XE785F/BU	0.1	%		70.6	78.4	72.4	80.0	79.1
HxCDF-13C12, 1,2,3,6,7,8-	116843-03-9	XE785F/BU	0.1	%		71.2	76.5	73.3	78.9	79.0
HxCDF-13C12, 2,3,4,6,7,8-	116843-05-1	XE785F/BU	0.1	%		77.2	79.2	70.7	78.2	78.5
HxCDF-13C12, 1,2,3,7,8,9-	116843-04-0	XE785F/BU	0.1	%		76.5	58.6	63.2	71.0	66.5
HpCDF-13C12, 1,2,3,4,6,7,8-	67562-39-4	XE785F/BU	0.1	%		73.6	81.5	78.4	88.5	89.8
HpCDF-13C12, 1,2,3,4,7,8,9-	55673-89-7	XE785F/BU	0.1	%		79.5	68.1	67.2	76.4	75.8
OCDF-13C12	109719-78-0	XE785F/BU	0.1	%		72.0	54.9	58.8	68.8	67.2
Polychlorinated Biphenyls Extraction Standards										
PCB 028, 13C12	208263-76-7	XE785F/BU	0.1	%		72.7	66.4	63.8	69.6	57.2
PCB 052, 13C12	208263-80-3	XE785F/BU	0.1	%		70.6	68.8	60.2	67.8	59.1
PCB 081, 13C12	208461-24-9	XE785F/BU	0.1	%		69.5	77.8	68.7	66.4	70.0
PCB 077, 13C12	105600-23-5	XE785F/BU	0.1	%		71.6	80.0	71.8	66.9	73.2
PCB 101, 13C12	104130-39-4	XE785F/BU	0.1	%		74.1	69.6	65.9	75.4	71.4
PCB 123, 13C12	208263-64-3	XE785F/BU	0.1	%		83.4	70.5	65.3	64.3	72.2
PCB 118, 13C12	104130-40-7	XE785F/BU	0.1	%		83.7	77.0	66.8	65.1	74.5

Analytical Results

Sub-Matrix: Fish
(Matrix: Food)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	[SVOC] CHBKTR4+ ----	[SVOC] CHBKTR Unk ----	[SVOC] HATCH ----	[SVOC] CHBKTR SPLIT ----	[SVOC] NIST 1974 SRM
					Client sampling date / time	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00	24-Sep-2025 12:00
						BU2600876-016	BU2600876-017	BU2600876-018	BU2600876-019	BU2600876-020
						Result	Result	Result	Result	Result
Polychlorinated Biphenyls Extraction Standards										
PCB 114, 13C12	208263-63-2	XE785F/BU	0.1	%		82.4	77.5	67.0	60.6	73.0
PCB 105, 13C12	208263-62-1	XE785F/BU	0.1	%		78.3	77.5	66.9	61.2	75.7
PCB 126, 13C12	208263-65-4	XE785F/BU	0.1	%		85.7	72.1	65.4	54.4	74.8
PCB 153, 13C12	185376-58-3	XE785F/BU	0.1	%		73.3	72.4	64.3	74.0	76.1
PCB 138, 13C12	208263-66-5	XE785F/BU	0.1	%		77.7	70.2	60.3	68.8	78.7
PCB 167, 13C12	208263-69-8	XE785F/BU	0.1	%		78.3	69.6	65.4	63.9	77.8
PCB 156, 13C12	208263-68-7	XE785F/BU	0.1	%		82.6	73.0	62.4	64.7	78.4
PCB 157, 13C12	235416-30-5	XE785F/BU	0.1	%		77.4	61.0	62.4	60.4	75.5
PCB 169, 13C12	208263-70-1	XE785F/BU	0.1	%		82.3	61.2	62.5	58.1	75.2
PCB 180, 13C12	208263-72-3	XE785F/BU	0.1	%		72.9	78.1	68.8	80.6	79.7
PCB 189, 13C12	208263-73-4	XE785F/BU	0.1	%		78.2	65.6	61.1	73.3	75.5
Toxic Equivalency										
PCB TEQ - WHO 2005 (ND=0*EDL)	n/a	XE785F/BU	0.0	pg/g wwt		0.0431	1.10	0.00458	2.55	1.40
PCB TEQ - WHO 2005 (ND=1*EDL)	n/a	XE785F/BU	0.0	pg/g wwt		0.621	1.13	0.0315	2.58	1.43
PCDD/F TEQ - WHO 2005 (ND=0*EDL)	n/a	XE785F/BU	0.0	pg/g wwt		0.0410	0.484	0.0210	0.494	0.556
PCDD/F TEQ - WHO 2005 (ND=1*EDL)	n/a	XE785F/BU	0.0	pg/g wwt		0.514	0.568	0.109	0.702	2.25
PCDD/F/PCB total TEQ - WHO 2005 (ND=0*EDL)	n/a	XE785F/BU	0.0	pg/g wwt		0.0841	1.58	0.0256	3.05	1.96
PCDD/F/PCB total TEQ - WHO 2005 (ND=1*EDL)	n/a	XE785F/BU	0.0	pg/g wwt		1.14	1.70	0.141	3.28	3.68

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

Quality Control Interpretive Report

Work Order	:	**BU2600876**			
Client	:	Worley Canada Services Ltd.	Laboratory	:	ALS Environmental - Burlington
Contact	:	Graham Young	Account Manager	:	Falguni Patel
Address	:	49 Quarry Park Blvd SE Calgary AB Canada T2C 5H9	Address	:	1435 Norjohn Court, Unit 1 Burlington Ontario Canada L7L 0E6
Telephone	:	(403)968-1545	Telephone	:	+1 905 331 3111
Project	:	217085-56230	Date Samples Received	:	25-Mar-2026 11:30
PO	:	----	Issue Date	:	21-May-2026 15:53
C-O-C number	:	----			
Sampler	:	Graham Young, Ryan Martin			
Site	:	W 6-67-8 W5M			
Quote number	:	SVOC/ICP Fish Tissue			
No. of samples received	:	22			
No. of samples analysed	:	22			

This report is automatically generated by the ALS LIMS (Laboratory Information Management System) through evaluation of Quality Control (QC) results and other QA parameters associated with this submission, and is intended to facilitate rapid data validation by auditors or reviewers. The report highlights any exceptions and outliers to ALS Data Quality Objectives, provides holding time details and exceptions, summarizes QC sample frequencies, and lists applicable methodology references and summaries.

Key

Anonymous: Refers to samples which are not part of this work order, but which formed part of the QC process lot.
CAS Number: Chemical Abstracts Services number is a unique identifier assigned to discrete substances.
DQO: Data Quality Objective.
LOR: Limit of Reporting (detection limit).
RPD: Relative Percent Difference.

Workorder Comments

Holding times are displayed as "---" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

Summary of Outliers

Outliers : Quality Control Samples

- No Method Blank value outliers occur.
- Duplicate outliers occur - please see following pages for full details.
- Laboratory Control Sample (LCS) outliers occur - please see following pages for full details.
- No Laboratory Control Sample Duplicate (LCSD) outliers occur
- Matrix Spike outliers occur - please see following pages for full details.
- No Matrix Spike Duplicate (MSD) outliers occur.
- No Test sample Surrogate recovery outliers exist.

Outliers: Reference Material (RM) Samples

- No Reference Material (RM) Sample outliers occur.

Outliers : Analysis Holding Time Compliance (Breaches)

- Analysis Holding Time Outliers exist.

Outliers : Frequency of Quality Control Samples

- No Quality Control Sample Frequency Outliers occur.

Outliers : Quality Control Samples

Duplicates, Method Blanks, Laboratory Control Samples and Matrix Spikes

Matrix : **Biota**

Analyte Group	Laboratory sample ID	Client/Ref Sample ID	Analyte	CAS Number	Method	Result		Limits	Comment
Duplicate (DUP) RPDs									
Polychlorinated Biphenyls	BU2600876--021	[SVOC] CHBKTR3B+	PCB 004	13029-08-8	XE781A	50.7 %	M	50%	Duplicate RPD does not meet the DQO for this test.
Polychlorinated Biphenyls	BU2600876--021	[SVOC] CHBKTR3B+	PCB 008	34883-43-7	XE781A	60.7 %		50%	Duplicate RPD does not meet the DQO for this test.
Polychlorinated Biphenyls	BU2600876--021	[SVOC] CHBKTR3B+	PCB 011	2050-67-1	XE781A	137 %	M	50%	Duplicate RPD does not meet the DQO for this test.
Polychlorinated Biphenyls	BU2600876--021	[SVOC] CHBKTR3B+	PCB 021+033	----	XE781A	91.2 %	M	50%	Duplicate RPD does not meet the DQO for this test.
Polychlorinated Biphenyls	BU2600876--022	[SVOC] CHBKTR4+	PCB 165	74472-46-1	XE781A	2.49 %	M	50%	Low Level DUP DQO exceeded (difference > 2 LOR).

Result Qualifiers

Qualifier	Description
[J]	*Estimated value. The reported concentration is below the calibrated range of the instrument but above the EDL.*
M	*Peak has been manually integrated.*

Laboratory Control Sample (LCS) Recoveries									
Metals	QC-MRG4-2546559-002	----	Lithium	7439-93-2	E464	65.6 %	LCS-L	70.0-130%	Recovery less than lower control limit
Metals	QC-MRG4-2546559-002	----	Lithium	7439-93-2	E464A	65.6 %	LCS-L	70.0-130%	Recovery less than lower control limit

Result Qualifiers

Qualifier	Description
LCS-L	*Lab Control Sample recovery was below ALS DQO. Reference Material and/or Matrix Spike results were acceptable. Non-detected sample results are considered reliable. Other results, if reported, have been qualified.*

Matrix Spike (MS) Recoveries									
Metals	BU2600876--001	[MM] CHBKTR1+	Lithium	7439-93-2	E464	68.4 %	K	70.0-130%	Recovery less than lower data quality objective
Metals	BU2600876--001	[MM] CHBKTR1+	Lithium	7439-93-2	E464A	68.4 %	K	70.0-130%	Recovery less than lower data quality objective

Result Qualifiers

Qualifier	Description
K	*Matrix Spike recovery outside ALS DQO due to sample matrix effects.*

Matrix :**Food**

Analyte Group	Laboratory sample ID	Client/Ref Sample ID	Analyte	CAS Number	Method	Result		Limits	Comment
Duplicate (DUP) RPDs									
Polychlorinated Dibenzo(p)dioxins	BU2600876--011	[SVOC] CHBKTR1+	OCDD	3268-87-9	XE785F	61.6 %	[J],M	50%	Duplicate RPD does not meet the DQO for this test.
Dioxin-like Polychlorinated Biphenyls	BU2600876--011	[SVOC] CHBKTR1+	PCB 081	70362-50-4	XE785F	54.8 %		50%	Duplicate RPD does not meet the DQO for this test.
Dioxin-like Polychlorinated Biphenyls	BU2600876--011	[SVOC] CHBKTR1+	PCB 126	57465-28-8	XE785F	53.7 %		50%	Duplicate RPD does not meet the DQO for this test.
Dioxin-like Polychlorinated Biphenyls	BU2600876--011	[SVOC] CHBKTR1+	PCB 167	52663-72-6	XE785F	61.1 %		50%	Duplicate RPD does not meet the DQO for this test.
Dioxin-like Polychlorinated Biphenyls	BU2600876--011	[SVOC] CHBKTR1+	PCB 156	38380-08-4	XE785F	58.0 %		50%	Duplicate RPD does not meet the DQO for this test.
Dioxin-like Polychlorinated Biphenyls	BU2600876--011	[SVOC] CHBKTR1+	PCB 189	39635-31-9	XE785F	58.1 %	M	50%	Duplicate RPD does not meet the DQO for this test.
Marker Polychlorinated Biphenyls	BU2600876--011	[SVOC] CHBKTR1+	PCB 118	31508-00-6	XE785F	50.8 %		50%	Duplicate RPD does not meet the DQO for this test.
Marker Polychlorinated Biphenyls	BU2600876--011	[SVOC] CHBKTR1+	PCB 153	35065-27-1	XE785F	57.8 %		50%	Duplicate RPD does not meet the DQO for this test.
Marker Polychlorinated Biphenyls	BU2600876--011	[SVOC] CHBKTR1+	PCB 138	35065-28-2	XE785F	57.3 %		50%	Duplicate RPD does not meet the DQO for this test.
Marker Polychlorinated Biphenyls	BU2600876--011	[SVOC] CHBKTR1+	PCB 180	35065-29-3	XE785F	56.2 %		50%	Duplicate RPD does not meet the DQO for this test.

Result Qualifiers

Qualifier	Description
[J]	*Estimated value. The reported concentration is below the calibrated range of the instrument but above the EDL.*
M	*Peak has been manually integrated.*

Analysis Holding Time Compliance

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times, which are selected to meet known provincial and/or federal requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by organizations such as CCME, US EPA, APHA Standard Methods, ASTM, or Environment Canada (where available). Dates and holding times reported below represent the first dates of extraction or analysis. If subsequent tests or dilutions exceeded holding times, qualifiers are added (refer to COA).

If samples are identified below as having been analyzed or extracted outside of recommended holding times, measurement uncertainties may be increased, and this should be taken into consideration when interpreting results.

Where actual sampling date is not provided on the chain of custody, the date of receipt with time at 00:00 is used for calculation purposes.

Where only the sample date without time is provided on the chain of custody, the sampling date at 00:00 is used for calculation purposes.

Matrix: Biota

Evaluation: × = Holding time exceedance; ✓ = Within Holding Time

Analyte Group : Analytical Method / Container / Client sample ID	ALS Sample ID	QC Lot	Method	Sampling Date	Extraction / Preparation				Analysis			
					Preparation Date	Holding Times Rec	Holding Times Actual	Eval	Analysis Date	Holding Times Rec	Holding Times Actual	Eval
Aggregate Organics : Lipids by Gravimetry (via Soxhlet extraction)												
Glass soil jar/Teflon lined cap												
[MM] CHBKTR1+	001	2548184	E145	24-Sep-2025	----	----	----		21-Apr-2026	40 days	0 days	✓
[MM] CHBKTR2A+	002	2548184	E145	24-Sep-2025	----	----	----		21-Apr-2026	40 days	0 days	✓
[MM] CHBKTR2B+	003	2548184	E145	24-Sep-2025	----	----	----		21-Apr-2026	40 days	0 days	✓
[MM] CHBKTR3A+	004	2548184	E145	24-Sep-2025	----	----	----		21-Apr-2026	40 days	0 days	✓
[MM] CHBKTR3B+	005	2548184	E145	24-Sep-2025	----	----	----		21-Apr-2026	40 days	0 days	✓
[MM] CHBKTR4+	006	2548184	E145	24-Sep-2025	----	----	----		21-Apr-2026	40 days	0 days	✓
[MM] CHBKTR Unk	007	2548184	E145	24-Sep-2025	----	----	----		21-Apr-2026	40 days	0 days	✓
[MM] HATCH	008	2548184	E145	24-Sep-2025	----	----	----		21-Apr-2026	40 days	0 days	✓
[MM] CHBKTR SPLIT	009	2548184	E145	24-Sep-2025	----	----	----		21-Apr-2026	40 days	0 days	✓
[SVOC] CHBKTR4+	022	2552665	E145	24-Sep-2025	----	----	----		23-Apr-2026	40 days	0 days	✓
Metals : Mercury in Tissues by CVAAS (DRY units, Routine)												
Glass soil jar/Teflon lined cap												
[MM] CHBKTR1+	001	2546562	E524	24-Sep-2025	20-Apr-2026	28 days	208 days	× EHTR	22-Apr-2026	28 days	210 days	× EHTR

Matrix: Biota

Evaluation: × = Holding time exceedance; ✓ = Within Holding Time

Analyte Group : Analytical Method / Container / Client sample ID	ALS Sample ID	QC Lot	Method	Sampling Date	Extraction / Preparation				Analysis			
					Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
						Rec	Actual			Rec	Actual	
Metals : Mercury in Tissues by CVAAS (DRY units, Routine)												
Glass soil jar/Teflon lined cap												
[MM] CHBKTR2A+	002	2546562	E524	24-Sep-2025	20-Apr-2026	28 days	208 days	× EHTR	22-Apr-2026	28 days	210 days	× EHTR
[MM] CHBKTR2B+	003	2546562	E524	24-Sep-2025	20-Apr-2026	28 days	208 days	× EHTR	22-Apr-2026	28 days	210 days	× EHTR
[MM] CHBKTR3A+	004	2546562	E524	24-Sep-2025	20-Apr-2026	28 days	208 days	× EHTR	22-Apr-2026	28 days	210 days	× EHTR
[MM] CHBKTR3B+	005	2546562	E524	24-Sep-2025	20-Apr-2026	28 days	208 days	× EHTR	22-Apr-2026	28 days	210 days	× EHTR
[MM] CHBKTR4+	006	2546562	E524	24-Sep-2025	20-Apr-2026	28 days	208 days	× EHTR	22-Apr-2026	28 days	210 days	× EHTR
[MM] CHBKTR Unk	007	2546562	E524	24-Sep-2025	20-Apr-2026	28 days	208 days	× EHTR	22-Apr-2026	28 days	210 days	× EHTR
[MM] HATCH	008	2546562	E524	24-Sep-2025	20-Apr-2026	28 days	208 days	× EHTR	22-Apr-2026	28 days	210 days	× EHTR
[MM] CHBKTR SPLIT	009	2546562	E524	24-Sep-2025	20-Apr-2026	28 days	208 days	× EHTR	22-Apr-2026	28 days	210 days	× EHTR
Metals : Mercury in Tissues by CVAAS (Wet Weight, Routine)												
Glass soil jar/Teflon lined cap												
[MM] CHBKTR1+	001	2546559	E524A	24-Sep-2025	20-Apr-2026	28 days	208 days	× EHTR	22-Apr-2026	28 days	210 days	× EHTR
[MM] CHBKTR2A+	002	2546559	E524A	24-Sep-2025	20-Apr-2026	28 days	208 days	× EHTR	22-Apr-2026	28 days	210 days	× EHTR
[MM] CHBKTR2B+	003	2546559	E524A	24-Sep-2025	20-Apr-2026	28 days	208 days	× EHTR	22-Apr-2026	28 days	210 days	× EHTR
[MM] CHBKTR3A+	004	2546559	E524A	24-Sep-2025	20-Apr-2026	28 days	208 days	× EHTR	22-Apr-2026	28 days	210 days	× EHTR
[MM] CHBKTR3B+	005	2546559	E524A	24-Sep-2025	20-Apr-2026	28 days	208 days	× EHTR	22-Apr-2026	28 days	210 days	× EHTR
[MM] CHBKTR4+	006	2546559	E524A	24-Sep-2025	20-Apr-2026	28 days	208 days	× EHTR	22-Apr-2026	28 days	210 days	× EHTR
[MM] CHBKTR Unk	007	2546559	E524A	24-Sep-2025	20-Apr-2026	28 days	208 days	× EHTR	22-Apr-2026	28 days	210 days	× EHTR
[MM] HATCH	008	2546559	E524A	24-Sep-2025	20-Apr-2026	28 days	208 days	× EHTR	22-Apr-2026	28 days	210 days	× EHTR

Matrix: Biota

Evaluation: × = Holding time exceedance; ✓ = Within Holding Time

Analyte Group : Analytical Method / Container / Client sample ID	ALS Sample ID	QC Lot	Method	Sampling Date	Extraction / Preparation				Analysis			
					Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
						Rec	Actual			Rec	Actual	
Metals : Mercury in Tissues by CVAAS (Wet Weight, Routine)												
Glass soil jar/Teflon lined cap												
[MM] CHBKTR SPLIT	009	2546559	E524A	24-Sep-2025	20-Apr-2026	28 days	208 days	× EHTR	22-Apr-2026	28 days	210 days	× EHTR
[MM] DORM-5	010	2546559	E524A	24-Sep-2025	20-Apr-2026	28 days	208 days	× EHTR	22-Apr-2026	28 days	210 days	× EHTR
Metals : Metals in Tissue by ICPMS Analysis (DRY units, Routine)												
Glass soil jar/Teflon lined cap												
[MM] CHBKTR1+	001	2546561	E464	24-Sep-2025	20-Apr-2026	180 days	208 days	× EHTR	22-Apr-2026	180 days	210 days	× EHTR
[MM] CHBKTR2A+	002	2546561	E464	24-Sep-2025	20-Apr-2026	180 days	208 days	× EHTR	22-Apr-2026	180 days	210 days	× EHTR
[MM] CHBKTR2B+	003	2546561	E464	24-Sep-2025	20-Apr-2026	180 days	208 days	× EHTR	22-Apr-2026	180 days	210 days	× EHTR
[MM] CHBKTR3A+	004	2546561	E464	24-Sep-2025	20-Apr-2026	180 days	208 days	× EHTR	22-Apr-2026	180 days	210 days	× EHTR
[MM] CHBKTR3B+	005	2546561	E464	24-Sep-2025	20-Apr-2026	180 days	208 days	× EHTR	22-Apr-2026	180 days	210 days	× EHTR
[MM] CHBKTR4+	006	2546561	E464	24-Sep-2025	20-Apr-2026	180 days	208 days	× EHTR	22-Apr-2026	180 days	210 days	× EHTR
[MM] CHBKTR Unk	007	2546561	E464	24-Sep-2025	20-Apr-2026	180 days	208 days	× EHTR	22-Apr-2026	180 days	210 days	× EHTR
[MM] HATCH	008	2546561	E464	24-Sep-2025	20-Apr-2026	180 days	208 days	× EHTR	22-Apr-2026	180 days	210 days	× EHTR
[MM] CHBKTR SPLIT	009	2546561	E464	24-Sep-2025	20-Apr-2026	180 days	208 days	× EHTR	22-Apr-2026	180 days	210 days	× EHTR
Metals : Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)												
Glass soil jar/Teflon lined cap												
[MM] CHBKTR1+	001	2546560	E464A	24-Sep-2025	20-Apr-2026	180 days	208 days	× EHTR	22-Apr-2026	180 days	210 days	× EHTR
[MM] CHBKTR2A+	002	2546560	E464A	24-Sep-2025	20-Apr-2026	180 days	208 days	× EHTR	22-Apr-2026	180 days	210 days	× EHTR
[MM] CHBKTR2B+	003	2546560	E464A	24-Sep-2025	20-Apr-2026	180 days	208 days	× EHTR	22-Apr-2026	180 days	210 days	× EHTR

Matrix: Biota

Evaluation: × = Holding time exceedance; ✓ = Within Holding Time

Analyte Group : Analytical Method / Container / Client sample ID	ALS Sample ID	QC Lot	Method	Sampling Date	Extraction / Preparation				Analysis			
					Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
						Rec	Actual			Rec	Actual	
Metals : Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)												
Glass soil jar/Teflon lined cap												
[MM] CHBKTR3A+	004	2546560	E464A	24-Sep-2025	20-Apr-2026	180 days	208 days	× EHTR	22-Apr-2026	180 days	210 days	× EHTR
[MM] CHBKTR3B+	005	2546560	E464A	24-Sep-2025	20-Apr-2026	180 days	208 days	× EHTR	22-Apr-2026	180 days	210 days	× EHTR
[MM] CHBKTR4+	006	2546560	E464A	24-Sep-2025	20-Apr-2026	180 days	208 days	× EHTR	22-Apr-2026	180 days	210 days	× EHTR
[MM] CHBKTR Unk	007	2546560	E464A	24-Sep-2025	20-Apr-2026	180 days	208 days	× EHTR	22-Apr-2026	180 days	210 days	× EHTR
[MM] HATCH	008	2546560	E464A	24-Sep-2025	20-Apr-2026	180 days	208 days	× EHTR	22-Apr-2026	180 days	210 days	× EHTR
[MM] CHBKTR SPLIT	009	2546560	E464A	24-Sep-2025	20-Apr-2026	180 days	208 days	× EHTR	22-Apr-2026	180 days	210 days	× EHTR
[MM] DORM-5	010	2546560	E464A	24-Sep-2025	20-Apr-2026	180 days	208 days	× EHTR	22-Apr-2026	180 days	210 days	× EHTR
Physical Tests : Moisture Content by Gravimetry												
Glass soil jar/Teflon lined cap												
[MM] CHBKTR1+	001	2548175	E144	24-Sep-2025	----	----	----		21-Apr-2026	----	----	
[MM] CHBKTR2A+	002	2548175	E144	24-Sep-2025	----	----	----		21-Apr-2026	----	----	
[MM] CHBKTR2B+	003	2548175	E144	24-Sep-2025	----	----	----		21-Apr-2026	----	----	
[MM] CHBKTR3A+	004	2548175	E144	24-Sep-2025	----	----	----		21-Apr-2026	----	----	
[MM] CHBKTR3B+	005	2548175	E144	24-Sep-2025	----	----	----		21-Apr-2026	----	----	
[MM] CHBKTR4+	006	2548175	E144	24-Sep-2025	----	----	----		21-Apr-2026	----	----	
[MM] CHBKTR Unk	007	2548175	E144	24-Sep-2025	----	----	----		21-Apr-2026	----	----	
[MM] HATCH	008	2548175	E144	24-Sep-2025	----	----	----		21-Apr-2026	----	----	
[MM] CHBKTR SPLIT	009	2548175	E144	24-Sep-2025	----	----	----		21-Apr-2026	----	----	

Matrix: Biota

Evaluation: × = Holding time exceedance; ✓ = Within Holding Time

Analyte Group : Analytical Method / Container / Client sample ID	ALS Sample ID	QC Lot	Method	Sampling Date	Extraction / Preparation				Analysis			
					Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
						Rec	Actual			Rec	Actual	
Polychlorinated Biphenyls : PCB Congeners in Biota by GC-HRMS (Wet Weight)												
Glass soil jar/Teflon lined cap												
[SVOC] CHBKTR3B+	021	2526235	XE781A	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	18-Apr-2026	365 days	206 days	✓
[SVOC] CHBKTR4+	022	2526235	XE781A	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	19-Apr-2026	365 days	206 days	✓
Polychlorinated Biphenyls Cleanup Standards : PCB Congeners in Biota by GC-HRMS (Wet Weight)												
Glass soil jar/Teflon lined cap												
[SVOC] CHBKTR3B+	021	2526235	XE781A	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	18-Apr-2026	365 days	206 days	✓
[SVOC] CHBKTR4+	022	2526235	XE781A	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	19-Apr-2026	365 days	206 days	✓
Polychlorinated Biphenyls Extraction Standards : PCB Congeners in Biota by GC-HRMS (Wet Weight)												
Glass soil jar/Teflon lined cap												
[SVOC] CHBKTR3B+	021	2526235	XE781A	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	18-Apr-2026	365 days	206 days	✓
[SVOC] CHBKTR4+	022	2526235	XE781A	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	19-Apr-2026	365 days	206 days	✓
Toxic Equivalency : PCB Congeners in Biota by GC-HRMS (Wet Weight)												
Glass soil jar/Teflon lined cap												
[SVOC] CHBKTR3B+	021	2526235	XE781A	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	18-Apr-2026	365 days	206 days	✓
[SVOC] CHBKTR4+	022	2526235	XE781A	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	19-Apr-2026	365 days	206 days	✓

Matrix: Food

Evaluation: × = Holding time exceedance; ✓ = Within Holding Time

Analyte Group : Analytical Method / Container / Client sample ID	ALS Sample ID	QC Lot	Method	Sampling Date	Extraction / Preparation				Analysis			
					Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
						Rec	Actual			Rec	Actual	
Dioxin-like Polychlorinated Biphenyls : Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)												
Glass soil jar/Teflon lined cap												
[SVOC] CHBKTR1+	011	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	15-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR2A+	012	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	15-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR2B+	013	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR3A+	014	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR3B+	015	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] CHBKTR4+	016	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] CHBKTR Unk	017	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] HATCH	018	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] CHBKTR SPLIT	019	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] NIST 1974 - SRM	020	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
Dioxins and Furans Extraction Standards : Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)												
Glass soil jar/Teflon lined cap												
[SVOC] CHBKTR1+	011	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	15-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR2A+	012	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	15-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR2B+	013	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR3A+	014	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR3B+	015	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] CHBKTR4+	016	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓

Matrix: Food

Evaluation: × = Holding time exceedance; ✓ = Within Holding Time

Analyte Group : Analytical Method / Container / Client sample ID	ALS Sample ID	QC Lot	Method	Sampling Date	Extraction / Preparation				Analysis			
					Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
						Rec	Actual			Rec	Actual	
Dioxins and Furans Extraction Standards : Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)												
Glass soil jar/Teflon lined cap												
[SVOC] CHBKTR Unk	017	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] HATCH	018	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] CHBKTR SPLIT	019	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] NIST 1974 - SRM	020	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
Marker Polychlorinated Biphenyls : Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)												
Glass soil jar/Teflon lined cap												
[SVOC] CHBKTR1+	011	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	15-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR2A+	012	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	15-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR2B+	013	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR3A+	014	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR3B+	015	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] CHBKTR4+	016	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] CHBKTR Unk	017	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] HATCH	018	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] CHBKTR SPLIT	019	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] NIST 1974 - SRM	020	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
Polychlorinated Biphenyls Extraction Standards : Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)												
Glass soil jar/Teflon lined cap												
[SVOC] CHBKTR1+	011	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	15-Apr-2026	365 days	8 days	✓

Matrix: Food

Evaluation: × = Holding time exceedance; ✓ = Within Holding Time

Analyte Group : Analytical Method / Container / Client sample ID	ALS Sample ID	QC Lot	Method	Sampling Date	Extraction / Preparation				Analysis			
					Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
						Rec	Actual			Rec	Actual	
Polychlorinated Biphenyls Extraction Standards : Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)												
Glass soil jar/Teflon lined cap												
[SVOC] CHBKTR2A+	012	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	15-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR2B+	013	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR3A+	014	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR3B+	015	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] CHBKTR4+	016	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] CHBKTR Unk	017	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] HATCH	018	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] CHBKTR SPLIT	019	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] NIST 1974 - SRM	020	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
Polychlorinated Dibenzo(p)dioxins : Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)												
Glass soil jar/Teflon lined cap												
[SVOC] CHBKTR1+	011	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	15-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR2A+	012	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	15-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR2B+	013	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR3A+	014	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR3B+	015	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] CHBKTR4+	016	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] CHBKTR Unk	017	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓

Matrix: Food

Evaluation: × = Holding time exceedance; ✓ = Within Holding Time

Analyte Group : Analytical Method / Container / Client sample ID	ALS Sample ID	QC Lot	Method	Sampling Date	Extraction / Preparation				Analysis			
					Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
						Rec	Actual			Rec	Actual	
Polychlorinated Dibenzo(p)dioxins : Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)												
Glass soil jar/Teflon lined cap												
[SVOC] HATCH	018	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] CHBKTR SPLIT	019	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] NIST 1974 - SRM	020	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
Polychlorinated Dibenzofurans : Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)												
Glass soil jar/Teflon lined cap												
[SVOC] CHBKTR1+	011	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	15-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR2A+	012	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	15-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR2B+	013	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR3A+	014	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR3B+	015	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] CHBKTR4+	016	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] CHBKTR Unk	017	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] HATCH	018	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] CHBKTR SPLIT	019	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] NIST 1974 - SRM	020	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
Toxic Equivalency : Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)												
Glass soil jar/Teflon lined cap												
[SVOC] CHBKTR1+	011	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	15-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR2A+	012	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	15-Apr-2026	365 days	8 days	✓

Matrix: Food

Evaluation: × = Holding time exceedance; ✓ = Within Holding Time

Analyte Group : Analytical Method / Container / Client sample ID	ALS Sample ID	QC Lot	Method	Sampling Date	Extraction / Preparation				Analysis			
					Preparation Date	Holding Times		Eval	Analysis Date	Holding Times		Eval
						Rec	Actual			Rec	Actual	
Toxic Equivalency : Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)												
Glass soil jar/Teflon lined cap												
[SVOC] CHBKTR2B+	013	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR3A+	014	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	8 days	✓
[SVOC] CHBKTR3B+	015	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] CHBKTR4+	016	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] CHBKTR Unk	017	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] HATCH	018	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] CHBKTR SPLIT	019	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓
[SVOC] NIST 1974 - SRM	020	2526213	XE785F	24-Sep-2025	07-Apr-2026	365 days	195 days	✓	16-Apr-2026	365 days	9 days	✓

Legend & Qualifier Definitions

EHTR: Exceeded ALS recommended hold time prior to sample receipt.

Rec. HT: ALS recommended hold time (see units).

Quality Control Parameter Frequency Compliance

The following report summarizes the frequency of laboratory QC samples analyzed within the analytical batches (QC lots) in which the submitted samples were processed. The actual frequency should be greater than or equal to the expected frequency.

Matrix: Biota

Evaluation: × = QC frequency outside specification; ✓ = QC frequency within specification

Quality Control Sample Type			Count		Frequency (%)		
Analytical Methods	*Method / Lab*	*QC Lot #*	*QC*	*Regular*	*Actual*	*Expected*	*Evaluation*
Laboratory Duplicates (DUP)							
Moisture Content by Gravimetry	E144 / BU	2548175	1	9	11.1	5.0	✓
Lipids by Gravimetry (via Soxhlet extraction)	E145 / BU	2548184	1	10	10.0	5.0	✓
Metals in Tissue by ICPMS Analysis (DRY units, Routine)	E464 / BU	2546561	1	9	11.1	5.0	✓
Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	E464A / BU	2546560	1	10	10.0	5.0	✓
Mercury in Tissues by CVAAS (DRY units, Routine)	E524 / BU	2546562	1	9	11.1	5.0	✓
Mercury in Tissues by CVAAS (Wet Weight, Routine)	E524A / BU	2546559	1	10	10.0	5.0	✓
PCB Congeners in Biota by GC-HRMS (Wet Weight)	XE781A / BU	2526235	2	2	100.0	5.0	✓
Laboratory Control Samples (LCS)							
Moisture Content by Gravimetry	E144 / BU	2548175	1	9	11.1	5.0	✓
Lipids by Gravimetry (via Soxhlet extraction)	E145 / BU	2548184	2	10	20.0	5.0	✓
Metals in Tissue by ICPMS Analysis (DRY units, Routine)	E464 / BU	2546561	1	9	11.1	5.0	✓
Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	E464A / BU	2546560	1	10	10.0	5.0	✓
Mercury in Tissues by CVAAS (DRY units, Routine)	E524 / BU	2546562	1	9	11.1	5.0	✓
Mercury in Tissues by CVAAS (Wet Weight, Routine)	E524A / BU	2546559	1	10	10.0	5.0	✓
PCB Congeners in Biota by GC-HRMS (Wet Weight)	XE781A / BU	2526235	2	2	100.0	5.0	✓
Method Blanks (MB)							
Moisture Content by Gravimetry	E144 / BU	2548175	1	9	11.1	5.0	✓
Lipids by Gravimetry (via Soxhlet extraction)	E145 / BU	2548184	2	10	20.0	5.0	✓
Metals in Tissue by ICPMS Analysis (DRY units, Routine)	E464 / BU	2546561	1	9	11.1	5.0	✓
Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	E464A / BU	2546560	1	10	10.0	5.0	✓
Mercury in Tissues by CVAAS (DRY units, Routine)	E524 / BU	2546562	1	9	11.1	5.0	✓
Mercury in Tissues by CVAAS (Wet Weight, Routine)	E524A / BU	2546559	1	10	10.0	5.0	✓
PCB Congeners in Biota by GC-HRMS (Wet Weight)	XE781A / BU	2526235	2	2	100.0	5.0	✓
Matrix Spikes (MS)							
Metals in Tissue by ICPMS Analysis (DRY units, Routine)	E464 / BU	2546561	1	9	11.1	5.0	✓
Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	E464A / BU	2546560	1	10	10.0	5.0	✓
Mercury in Tissues by CVAAS (DRY units, Routine)	E524 / BU	2546562	1	9	11.1	5.0	✓
Mercury in Tissues by CVAAS (Wet Weight, Routine)	E524A / BU	2546559	1	10	10.0	5.0	✓

Matrix: Food

Evaluation: × = QC frequency outside specification; ✓ = QC frequency within specification

Quality Control Sample Type			Count		Frequency (%)		
Analytical Methods	*Method / Lab*	*QC Lot #*	*QC*	*Regular*	*Actual*	*Expected*	*Evaluation*
Laboratory Duplicates (DUP)							
Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	XE785F / BU	2526213	2	10	20.0	5.0	✓
Laboratory Control Samples (LCS)							
Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	XE785F / BU	2526213	2	10	20.0	5.0	✓
Method Blanks (MB)							
Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	XE785F / BU	2526213	2	10	20.0	5.0	✓

Methodology References and Summaries

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Reference methods may incorporate modifications to improve performance (indicated by "mod").

Analytical Methods	Method / Lab	Matrix	Method Reference	Method Descriptions
Lipids by Gravimetry (via Soxhlet extraction)	E145 ALS Environmental - Burlington	Biota	In-House Method	Lipids are extracted from the sample using a Soxhlet extraction apparatus. The extract (or a split of the extract) is evaporated in a pre-weighed container and the mass of the residue is determined gravimetrically.
Mercury in Tissues by CVAAS (DRY units, Routine)	E524 ALS Environmental - Burlington	Biota	EPA Method 3052 (preparation) and EPA Method 7470A (analytical)	After microwave digestion, a sub-sample is re-digested in oxidizing reagents, using an open-vessel hotblock method. Samples are treated with a reductant to facilitate analysis by CVAA. Data is reported on a dry weight basis.
Mercury in Tissues by CVAAS (Wet Weight, Routine)	E524A ALS Environmental - Burlington	Biota	EPA Method 3052 (preparation) and EPA Method 7470A (analytical)	After microwave digestion, a sub-sample is re-digested in oxidizing reagents, using an open-vessel hotblock method. Samples are treated with a reductant to facilitate analysis by CVAA.
Metals in Tissue by ICPMS Analysis (DRY units, Routine)	E464 ALS Environmental - Burlington	Biota	EPA Method 3052 (preparation) and EPA Method 6020B (analysis)	Tissue samples are homogenized and sub-sampled, then digested using a closed-vessel microwave process. Instrumental analysis is performed via collision-reaction cell ICPMS. Data is reported on a dry weight basis.
Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	E464A ALS Environmental - Burlington	Biota	EPA Method 3052 (preparation) and EPA Method 6020B (analysis)	Tissue samples are homogenized and sub-sampled, then digested using a closed-vessel microwave process. Instrumental analysis is performed via collision-reaction cell ICPMS.
Moisture Content by Gravimetry	E144 ALS Environmental - Burlington	Biota	ASTM Method D4638-16 (mod)	Moisture is measured gravimetrically by drying the sample at 105°C. Moisture content is calculated as the weight loss (due to water) divided by the wet weight of the sample, expressed as a percentage.
PCB Congeners in Biota by GC-HRMS (Wet Weight)	XE781A ALS Environmental - Burlington	Biota	EPA 1668C	The sample is extracted by soxhlet extraction. Extracts are prepared using column chromatography, reduced in volume and analyzed by isotope-dilution GC-HRMS. Reported on a wet-weight basis.
Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	XE785F ALS Environmental - Burlington	Food	EPA 1668 and EPA 1613B (mod)	Solid samples are homogenized and sub-sampled, then extracted using Soxhlet apparatus. Extracts are prepared using column chromatography, reduced in volume and analyzed by isotope-dilution GC-MS-MS
Preparation Methods	**Method / Lab**	**Matrix**	**Method Reference**	**Method Descriptions**
Metals and Mercury in Tissues - Digestion	EP464 ALS Environmental - Burlington	Biota	EPA Method 3052 (preparation)	Tissue samples are homogenized and sub-sampled, then digested using a closed-vessel microwave process.
Soxhlet Extraction of Foods for DTOX (PCB+DX Shortlist)	EP802B ALS Environmental - Burlington	Food	EPA Method 3540C (preparation)	Solid samples are homogenized and sub-sampled, then extracted using Soxhlet apparatus.
Soxhlet Extraction of Tissues for OCPs, PCBs, BFRs (including PBDEs), CPs, and/or HBCDD	EP801 ALS Environmental - Burlington	Biota	EPA Method 3540C (preparation)	Solid samples are homogenized and sub-sampled, then extracted using a Soxhlet apparatus.

ALS Canada Ltd.

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QUALITY CONTROL REPORT

Work Order	: **BU2600876**		
Client	: Worley Canada Services Ltd.	Laboratory	: ALS Environmental - Burlington
Contact	: Graham Young	Account Manager	: Falguni Patel
Address	: 49 Quarry Park Blvd SE Calgary AB Canada T2C 5H9	Address	: 1435 Norjohn Court, Unit 1 Burlington ON Canada L7L 0E6
Telephone	: (403)968-1545	Telephone	: +1 905 331 3111
Project	: 217085-56230	Date Samples Received	: 25-Mar-2026 11:30
PO	: ----	Date Analysis Commenced	: 07-Apr-2026
C-O-C number	: ----	Issue Date	: 21-May-2026 15:53
Sampler	: Graham Young, Ryan Martin		
Site	: W 6-67-8 W5M		
Quote number	: SVOC/ICP Fish Tissue		
No. of samples received	: 22		
No. of samples analysed	: 22		

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

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percent Difference (RPD) and Data Quality Objectives
- Matrix Spike (MS) Report; Recovery and Data Quality Objectives
- Method Blank (MB) Report; Recovery and Data Quality Objectives
- Laboratory Control Sample (LCS) Report; Recovery and Data Quality Objectives

Signatories

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

Signatories	*Position*	*Laboratory Department*
Gamini Nadu	Analyst	Burlington Metals, Burlington, Ontario
Mark McHugh	Organic Prep Lab Supervisor	Burlington Organics, Burlington, Ontario
Sabir Ahmed	Analyst	Burlington Metals, Burlington, Ontario
Stephen Kennedy	Technical Department Manager	Burlington Organics, Burlington, Ontario
Twinkle Patel	Analyst	Burlington Organics, Burlington, Ontario

General Comments

The ALS Quality Control (QC) report is optionally provided to ALS clients upon request. ALS test methods include comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against predetermined Data Quality Objectives (DQOs) to provide confidence in the accuracy of associated test results. This report contains detailed results for all QC results applicable to this sample submission. Please refer to the ALS Quality Control Interpretation report (QCI) for applicable method references and methodology summaries.

Key:

Anonymous=Refers to samples which are not part of this work order, but which formed part of the QC process lot.

CAS Number=Chemical Abstracts Service number is a unique identifier assigned to discrete substances.

DQO=Data Quality Objective.

LOR=Limit of Reporting (detection limit).

RPD=Relative Percent Difference

=Indicates a QC result that did not meet the ALS DQO.

Workorder Comments

Holding times are displayed as "---" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

Laboratory Duplicate (DUP) Report

A Laboratory Duplicate (DUP) is a randomly selected intralaboratory replicate sample. Laboratory Duplicates provide information regarding method precision and sample heterogeneity. ALS DQOs for Laboratory Duplicates are expressed as test-specific limits for Relative Percent Difference (RPD), or as an absolute difference limit of 2 times the LOR for low concentration duplicates within ~ 4-10 times the LOR (cut-off is test specific).

Sub-Matrix: **Animal Tissue**

					Laboratory Duplicate (DUP) Report						
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Physical Tests(QC Lot: 2548175)											
BU2600876-001	[MM] CHBKTR1+	Moisture	----	E144	0.50	%	79.2	78.9	0.372 %	20%	---
Metals(QC Lot: 2546559)											
BU2600876-001	[MM] CHBKTR1+	Mercury	7439-97-6	E524A	0.0062	mg/kg wwt	0.0289	0.0230	0.0059	Diff <2x LOR	---
Metals(QC Lot: 2546560)											
BU2600876-001	[MM] CHBKTR1+	Aluminum	7429-90-5	E464A	0.40	mg/kg wwt	0.79	0.50	0.29	Diff <2x LOR	---
		Antimony	7440-36-0	E464A	0.0020	mg/kg wwt	<0.0020	<0.0020	0	Diff <2x LOR	---
		Arsenic	7440-38-2	E464A	0.0040	mg/kg wwt	0.0576	0.0566	1.70 %	20%	---
		Barium	7440-39-3	E464A	0.020	mg/kg wwt	0.211	0.173	0.038	Diff <2x LOR	---
		Beryllium	7440-41-7	E464A	0.0020	mg/kg wwt	<0.0020	<0.0020	0	Diff <2x LOR	---
		Bismuth	7440-69-9	E464A	0.0020	mg/kg wwt	<0.0020	<0.0020	0	Diff <2x LOR	---
		Boron	7440-42-8	E464A	0.20	mg/kg wwt	<0.20	<0.20	0	Diff <2x LOR	---
		Cadmium	7440-43-9	E464A	0.0010	mg/kg wwt	<0.0010	<0.0010	0	Diff <2x LOR	---
		Calcium	7440-70-2	E464A	5.0	mg/kg wwt	408	349	15.7 %	20%	---
		Chromium	7440-47-3	E464A	0.010	mg/kg wwt	<0.010	<0.010	0	Diff <2x LOR	---
		Cobalt	7440-48-4	E464A	0.0040	mg/kg wwt	0.0043	<0.0040	0.0003	Diff <2x LOR	---
		Copper	7440-50-8	E464A	0.020	mg/kg wwt	0.356	0.316	12.1 %	20%	---
		Iron	7439-89-6	E464A	0.50	mg/kg wwt	4.66	4.13	0.53	Diff <2x LOR	---
		Lead	7439-92-1	E464A	0.0040	mg/kg wwt	0.0109	0.0074	0.0035	Diff <2x LOR	---
		Lithium	7439-93-2	E464A	0.10	mg/kg wwt	<0.10	<0.10	0	Diff <2x LOR	---
		Magnesium	7439-95-4	E464A	1.0	mg/kg wwt	278	274	1.20 %	20%	---
		Manganese	7439-96-5	E464A	0.10	mg/kg wwt	0.22	0.18	0.04	Diff <2x LOR	---
		Molybdenum	7439-98-7	E464A	0.0040	mg/kg wwt	<0.0040	<0.0040	0	Diff <2x LOR	---
		Nickel	7440-02-0	E464A	0.040	mg/kg wwt	<0.040	<0.040	0	Diff <2x LOR	---
		Phosphorus	7723-14-0	E464A	2.0	mg/kg wwt	2120	2050	3.66 %	20%	---
		Potassium	7440-09-7	E464A	4.0	mg/kg wwt	2960	2780	6.20 %	20%	---
		Rubidium	7440-17-7	E464A	0.020	mg/kg wwt	3.66	3.37	8.18 %	20%	---
		Selenium	7782-49-2	E464A	0.010	mg/kg wwt	0.192	0.208	7.69 %	20%	---
		Silver	7440-22-4	E464A	0.0010	mg/kg wwt	<0.0010	<0.0010	0	Diff <2x LOR	---
		Sodium	7440-23-5	E464A	5.0	mg/kg wwt	349	330	5.54 %	20%	---
		Strontium	7440-24-6	E464A	0.020	mg/kg wwt	0.583	0.576	1.14 %	20%	---
		Tellurium	13494-80-9	E464A	0.020	mg/kg wwt	<0.020	<0.020	0	Diff <2x LOR	---
		Thallium	7440-28-0	E464A	0.00040	mg/kg wwt	0.00163	0.00169	0.00006	Diff <2x LOR	---
		Tin	7440-31-5	E464A	0.020	mg/kg wwt	0.132	0.109	0.023	Diff <2x LOR	---

Sub-Matrix: **Animal Tissue**

Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Metals(QC Lot: 2546560)											
		Tungsten	7440-33-7	E464A	0.020	mg/kg wwt	<0.020	<0.020	0	Diff <2x LOR	---
		Uranium	7440-61-1	E464A	0.0040	mg/kg wwt	<0.0040	<0.0040	0	Diff <2x LOR	---
		Vanadium	7440-62-2	E464A	0.020	mg/kg wwt	<0.020	<0.020	0	Diff <2x LOR	---
		Zinc	7440-66-6	E464A	0.10	mg/kg wwt	6.01	6.47	7.45 %	20%	---
		Zirconium	7440-67-7	E464A	0.060	mg/kg wwt	<0.060	<0.060	0	Diff <2x LOR	---
Metals(QC Lot: 2546561)											
BU2600876-001	[MM] CHBKTR1+	Aluminum	7429-90-5	E464	2.0	mg/kg	3.8	2.4	1.4	Diff <2x LOR	---
		Antimony	7440-36-0	E464	0.010	mg/kg	<0.010	<0.010	0	Diff <2x LOR	---
		Arsenic	7440-38-2	E464	0.0200	mg/kg	0.277	0.272	1.70 %	20%	---
		Barium	7440-39-3	E464	0.10	mg/kg	1.01	0.83	0.18	Diff <2x LOR	---
		Beryllium	7440-41-7	E464	0.010	mg/kg	<0.010	<0.010	0	Diff <2x LOR	---
		Bismuth	7440-69-9	E464	0.010	mg/kg	<0.010	<0.010	0	Diff <2x LOR	---
		Boron	7440-42-8	E464	1.0	mg/kg	<1.0	<1.0	0	Diff <2x LOR	---
		Cadmium	7440-43-9	E464	0.0050	mg/kg	<0.0050	<0.0050	0	Diff <2x LOR	---
		Calcium	7440-70-2	E464	25	mg/kg	1960	1680	15.7 %	20%	---
		Chromium	7440-47-3	E464	0.050	mg/kg	<0.050	<0.050	0	Diff <2x LOR	---
		Cobalt	7440-48-4	E464	0.020	mg/kg	0.020	<0.020	0.0004	Diff <2x LOR	---
		Copper	7440-50-8	E464	0.10	mg/kg	1.71	1.52	12.1 %	20%	---
		Iron	7439-89-6	E464	2.5	mg/kg	22.4	19.8	2.5	Diff <2x LOR	---
		Lead	7439-92-1	E464	0.020	mg/kg	0.052	0.035	0.017	Diff <2x LOR	---
		Lithium	7439-93-2	E464	0.50	mg/kg	<0.50	<0.50	0	Diff <2x LOR	---
		Magnesium	7439-95-4	E464	5.0	mg/kg	1330	1320	1.20 %	20%	---
		Manganese	7439-96-5	E464	0.50	mg/kg	1.05	0.87	0.19	Diff <2x LOR	---
		Molybdenum	7439-98-7	E464	0.020	mg/kg	<0.020	<0.020	0	Diff <2x LOR	---
		Nickel	7440-02-0	E464	0.20	mg/kg	<0.20	<0.20	0	Diff <2x LOR	---
		Phosphorus	7723-14-0	E464	10	mg/kg	10200	9840	3.66 %	20%	---
		Potassium	7440-09-7	E464	20	mg/kg	14200	13400	6.20 %	20%	---
		Rubidium	7440-17-7	E464	0.10	mg/kg	17.6	16.2	8.18 %	20%	---
		Selenium	7782-49-2	E464	0.050	mg/kg	0.924	0.997	7.69 %	20%	---
		Silver	7440-22-4	E464	0.0050	mg/kg	<0.0050	<0.0050	0	Diff <2x LOR	---
		Sodium	7440-23-5	E464	25	mg/kg	1680	1590	5.54 %	20%	---
		Strontium	7440-24-6	E464	0.10	mg/kg	2.80	2.77	1.14 %	20%	---
		Tellurium	13494-80-9	E464	0.10	mg/kg	<0.10	<0.10	0	Diff <2x LOR	---
		Thallium	7440-28-0	E464	0.0020	mg/kg	0.0078	0.0081	0.0003	Diff <2x LOR	---
		Tin	7440-31-5	E464	0.10	mg/kg	0.63	0.52	0.11	Diff <2x LOR	---
		Tungsten	7440-33-7	E464	0.10	mg/kg	<0.10	<0.10	0	Diff <2x LOR	---

Sub-Matrix: **Animal Tissue**

Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Metals(QC Lot: 2546561)											
		Uranium	7440-61-1	E464	0.020	mg/kg	<0.020	<0.020	0	Diff <2x LOR	---
		Vanadium	7440-62-2	E464	0.10	mg/kg	<0.10	<0.10	0	Diff <2x LOR	---
		Zinc	7440-66-6	E464	0.50	mg/kg	28.9	31.1	7.45 %	20%	---
		Zirconium	7440-67-7	E464	0.30	mg/kg	<0.30	<0.30	0	Diff <2x LOR	---
Metals(QC Lot: 2546562)											
BU2600876-001	[MM] CHBKTR1+	Mercury	7439-97-6	E524	0.031	mg/kg	0.139	0.111	0.028	Diff <2x LOR	---
Aggregate Organics(QC Lot: 2548184)											
BU2600876-001	[MM] CHBKTR1+	Lipid content	----	E145	0.50	% wwt	1.74	1.43	0.31	Diff <2x LOR	---
Polychlorinated Biphenyls(QC Lot: 2526235)											
BU2600876-021	[SVOC] CHBKTR3B+	PCB 001	2051-60-7	XE781A	0.23	pg/g wwt	0.105	<0.23	0.13	Diff <2x LOR	[U],F
		PCB 002	2051-61-8	XE781A	0.17	pg/g wwt	0.171	<0.17	0.17	Diff <2x LOR	[U],F,M
		PCB 003	2051-62-9	XE781A	0.031	pg/g wwt	0.189	0.260	31.3 %	50%	[J]
		PCB 004	13029-08-8	XE781A	0.072	pg/g wwt	0.380	0.639	50.7 %	50%	M
		PCB 005	16605-91-7	XE781A	0.031	pg/g wwt	<0.045	<0.031	0.014	Diff <2x LOR	[U]
		PCB 006	25569-80-6	XE781A	0.031	pg/g wwt	0.294	0.400	30.5 %	50%	[J],M
		PCB 007	33284-50-3	XE781A	0.068	pg/g wwt	<0.039	<0.068	0.068	Diff <2x LOR	[U],F,M
		PCB 008	34883-43-7	XE781A	0.028	pg/g wwt	0.694	1.30	60.7 %	50%	---
		PCB 009	34883-39-1	XE781A	0.031	pg/g wwt	<0.10	0.144	0.0409	Diff <2x LOR	[J],M
		PCB 010	33146-45-1	XE781A	0.029	pg/g wwt	<0.042	<0.029	0.029	Diff <2x LOR	[U]
		PCB 011	2050-67-1	XE781A	0.075	pg/g wwt	2.95	15.8	137 %	50%	M
		PCB 012+013	n/a	XE781A	0.11	pg/g wwt	<0.12	<0.11	0.11	Diff <2x LOR	[U],F,M
		PCB 014	34883-41-5	XE781A	0.076	pg/g wwt	<0.13	0.0875	0.0875	Diff <2x LOR	[J],M
		PCB 015	2050-68-2	XE781A	0.045	pg/g wwt	0.654	0.551	17.1 %	50%	---
		PCB 016	38444-78-9	XE781A	0.66	pg/g wwt	0.567	<0.66	0.094	Diff <2x LOR	[U],F
		PCB 017	37680-66-3	XE781A	0.059	pg/g wwt	1.88	1.55	19.5 %	50%	---
		PCB 018+030	----	XE781A	0.051	pg/g wwt	3.62	3.58	0.884 %	50%	---
		PCB 019	38444-73-4	XE781A	0.064	pg/g wwt	<0.21	0.377	0.166	Diff <2x LOR	[J],M
		PCB 020+028	----	XE781A	0.076	pg/g wwt	26.1	21.7	18.4 %	50%	---
		PCB 021+033	----	XE781A	0.079	pg/g wwt	0.331	0.888	91.2 %	50%	M
		PCB 022	38444-85-8	XE781A	0.078	pg/g wwt	3.75	3.22	15.1 %	50%	---
		PCB 023	55720-44-0	XE781A	0.080	pg/g wwt	<0.081	<0.080	0.081	Diff <2x LOR	[U]
		PCB 024	55702-45-9	XE781A	0.044	pg/g wwt	0.0535	<0.044	0.053	Diff <2x LOR	[U]
		PCB 025	55712-37-3	XE781A	0.078	pg/g wwt	3.58	3.66	2.12 %	50%	---
		PCB 026+029	----	XE781A	0.078	pg/g wwt	3.91	3.80	2.93 %	50%	---
		PCB 027	38444-76-7	XE781A	0.045	pg/g wwt	0.210	0.177	17.0 %	50%	[J]
		PCB 031	16606-02-3	XE781A	0.076	pg/g wwt	13.6	11.4	17.1 %	50%	---
		PCB 032	38444-77-8	XE781A	0.041	pg/g wwt	0.468	0.649	32.5 %	50%	M

Sub-Matrix: **Animal Tissue**

Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Polychlorinated Biphenyls(QC Lot: 2526235)											
		PCB 034	37680-68-5	XE781A	0.086	pg/g wwt	<0.087	<0.086	0.087	Diff <2x LOR	[U]
		PCB 035	37680-69-6	XE781A	0.083	pg/g wwt	<0.084	0.138	0.0544	Diff <2x LOR	[J]
		PCB 036	38444-87-0	XE781A	0.073	pg/g wwt	<0.074	<0.073	0.074	Diff <2x LOR	[U]
		PCB 037	38444-90-5	XE781A	0.052	pg/g wwt	2.00	1.64	20.0 %	50%	---
		PCB 038	53555-66-1	XE781A	0.078	pg/g wwt	0.203	0.173	0.0304	Diff <2x LOR	[J],M
		PCB 039	38444-88-1	XE781A	0.16	pg/g wwt	0.265	<0.16	0.10	Diff <2x LOR	[U],F,M
		PCB 040+041+071	----	XE781A	0.075	pg/g wwt	3.08	2.75	11.5 %	50%	M
		PCB 042	36559-22-5	XE781A	0.090	pg/g wwt	17.3	16.1	6.90 %	50%	---
		PCB 043	70362-46-8	XE781A	0.093	pg/g wwt	0.802	0.638	22.7 %	50%	M
		PCB 044+047+065	----	XE781A	0.071	pg/g wwt	122	120	1.70 %	50%	---
		PCB 045+051	----	XE781A	0.078	pg/g wwt	4.67	6.80	37.2 %	50%	---
		PCB 046	41464-47-5	XE781A	0.089	pg/g wwt	0.521	0.585	11.7 %	50%	---
		PCB 048	70362-47-9	XE781A	0.072	pg/g wwt	4.56	3.42	28.5 %	50%	---
		PCB 049+069	----	XE781A	0.065	pg/g wwt	94.6	92.4	2.38 %	50%	---
		PCB 050+053	----	XE781A	0.075	pg/g wwt	4.75	5.52	14.9 %	50%	---
		PCB 052	35693-99-3	XE781A	0.077	pg/g wwt	145	127	13.0 %	50%	M
		PCB 054	15968-05-5	XE781A	0.064	pg/g wwt	0.137	0.116	0.0209	Diff <2x LOR	[J],M
		PCB 055	74338-24-2	XE781A	0.19	pg/g wwt	0.987	0.807	20.0 %	50%	M
		PCB 056	41464-43-1	XE781A	0.19	pg/g wwt	26.8	21.3	23.2 %	50%	---
		PCB 057	70424-67-8	XE781A	0.20	pg/g wwt	1.36	1.39	1.75 %	50%	---
		PCB 058	41464-49-7	XE781A	1.4	pg/g wwt	<2.2	<1.4	0	Diff <2x LOR	[U],M
		PCB 059+062+075	----	XE781A	0.056	pg/g wwt	6.74	6.08	10.3 %	50%	---
		PCB 060	33025-41-1	XE781A	0.19	pg/g wwt	20.6	15.7	27.0 %	50%	---
		PCB 061+070+074+076	----	XE781A	0.19	pg/g wwt	307	242	23.6 %	50%	---
		PCB 063	74472-34-7	XE781A	0.19	pg/g wwt	9.11	8.34	8.86 %	50%	---
		PCB 064	52663-58-8	XE781A	0.060	pg/g wwt	28.5	23.2	20.4 %	50%	---
		PCB 066	32598-10-0	XE781A	0.19	pg/g wwt	169	142	17.4 %	50%	---
		PCB 067	73575-53-8	XE781A	0.17	pg/g wwt	5.69	4.75	18.0 %	50%	---
		PCB 068	73575-52-7	XE781A	0.18	pg/g wwt	5.20	5.35	2.82 %	50%	---
		PCB 072	41464-42-0	XE781A	0.20	pg/g wwt	5.74	5.29	8.18 %	50%	---
		PCB 073	74338-23-1	XE781A	0.057	pg/g wwt	<0.29	0.311	0.311	Diff <2x LOR	[J],M
		PCB 077	32598-13-3	XE781A	0.18	pg/g wwt	31.4	21.8	36.2 %	50%	---
		PCB 078	70362-49-1	XE781A	0.32	pg/g wwt	0.227	<0.32	0.097	Diff <2x LOR	[U],F,M
		PCB 079	41464-48-6	XE781A	0.17	pg/g wwt	7.46	6.14	19.3 %	50%	---
		PCB 080	33284-52-5	XE781A	0.16	pg/g wwt	3.92	3.45	12.8 %	50%	M
		PCB 081	70362-50-4	XE781A	0.17	pg/g wwt	1.20	0.756	45.2 %	50%	M

Sub-Matrix: **Animal Tissue**

Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Polychlorinated Biphenyls(QC Lot: 2526235)											
		PCB 082	52663-62-4	XE781A	0.19	pg/g wwt	32.0	29.5	8.30 %	50%	---
		PCB 083+099	----	XE781A	0.16	pg/g wwt	564	474	17.3 %	50%	M
		PCB 084	52663-60-2	XE781A	0.17	pg/g wwt	40.4	35.4	13.1 %	50%	---
		PCB 085+110+115+116+117	----	XE781A	0.15	pg/g wwt	960	795	18.7 %	50%	M
		PCB 086+087+097+109+119+125	----	XE781A	0.11	pg/g wwt	345	286	18.7 %	50%	M
		PCB 088+091	----	XE781A	0.16	pg/g wwt	57.7	56.4	2.22 %	50%	---
		PCB 089	73575-57-2	XE781A	0.20	pg/g wwt	1.37	1.24	9.29 %	50%	M
		PCB 090+101+113	----	XE781A	0.14	pg/g wwt	903	763	16.8 %	50%	---
		PCB 092	52663-61-3	XE781A	0.18	pg/g wwt	176	158	11.1 %	50%	---
		PCB 093+098+100+102	----	XE781A	0.15	pg/g wwt	21.5	22.5	4.55 %	50%	M
		PCB 094	73575-55-0	XE781A	0.16	pg/g wwt	1.90	2.68	34.3 %	50%	---
		PCB 095	38379-99-6	XE781A	0.18	pg/g wwt	270	235	13.9 %	50%	---
		PCB 096	73575-54-9	XE781A	0.65	pg/g wwt	<0.62	<0.65	0.65	Diff <2x LOR	[U],F
		PCB 103	60145-21-3	XE781A	0.16	pg/g wwt	10.1	10.4	3.22 %	50%	---
		PCB 104	56558-16-8	XE781A	0.11	pg/g wwt	<0.043	<0.11	0.11	Diff <2x LOR	[U],F
		PCB 105	32598-14-4	XE781A	0.14	pg/g wwt	357	274	26.3 %	50%	---
		PCB 106	70424-69-0	XE781A	0.16	pg/g wwt	<0.18	<0.16	0.16	Diff <2x LOR	[U],M
		PCB 107	70424-68-9	XE781A	0.13	pg/g wwt	89.9	71.7	22.4 %	50%	M
		PCB 108+124	----	XE781A	0.15	pg/g wwt	31.4	25.1	22.3 %	50%	---
		PCB 111	39635-32-0	XE781A	0.10	pg/g wwt	2.13	1.80	16.5 %	50%	---
		PCB 112	74472-36-9	XE781A	0.47	pg/g wwt	<0.62	<0.47	0.62	Diff <2x LOR	[U],M
		PCB 114	74472-37-0	XE781A	0.14	pg/g wwt	20.5	16.3	22.8 %	50%	---
		PCB 118	31508-00-6	XE781A	0.14	pg/g wwt	989	781	23.4 %	50%	M
		PCB 120	68194-12-7	XE781A	0.11	pg/g wwt	10.9	8.41	25.4 %	50%	---
		PCB 121	56558-18-0	XE781A	0.43	pg/g wwt	0.419	<0.43	0.42	Diff <2x LOR	[U],F
		PCB 122	76842-07-4	XE781A	0.20	pg/g wwt	7.78	6.61	16.2 %	50%	---
		PCB 123	65510-44-3	XE781A	8.7	pg/g wwt	12.3	<8.7	3.5	Diff <2x LOR	[U],F,M
		PCB 126	57465-28-8	XE781A	0.15	pg/g wwt	7.35	5.38	31.0 %	50%	---
		PCB 127	39635-33-1	XE781A	0.14	pg/g wwt	2.76	2.37	15.2 %	50%	M
		PCB 128+166	----	XE781A	0.33	pg/g wwt	223	180	21.1 %	50%	---
		PCB 129+138+163	----	XE781A	0.38	pg/g wwt	2060	1630	23.1 %	50%	M
		PCB 130	52663-66-8	XE781A	0.43	pg/g wwt	97.6	77.4	23.1 %	50%	---
		PCB 131	61798-70-7	XE781A	0.47	pg/g wwt	7.33	6.29	15.3 %	50%	---
		PCB 132	38380-05-1	XE781A	0.39	pg/g wwt	235	208	12.0 %	50%	---
		PCB 133	35694-04-3	XE781A	0.42	pg/g wwt	43.0	36.5	16.3 %	50%	---
		PCB 134+143	----	XE781A	0.46	pg/g wwt	46.8	40.5	14.3 %	50%	M

Sub-Matrix: **Animal Tissue**

Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Polychlorinated Biphenyls(QC Lot: 2526235)											
		PCB 135+151	----	XE781A	0.050	pg/g wwt	379	330	13.9 %	50%	---
		PCB 136	38411-22-2	XE781A	0.040	pg/g wwt	47.2	42.9	9.63 %	50%	---
		PCB 137+164	----	XE781A	0.32	pg/g wwt	144	121	16.9 %	50%	M
		PCB 139+140	----	XE781A	0.35	pg/g wwt	24.4	22.1	9.85 %	50%	---
		PCB 141	52712-04-6	XE781A	0.37	pg/g wwt	291	247	16.5 %	50%	---
		PCB 142	41411-61-4	XE781A	0.47	pg/g wwt	<0.57	<0.47	0.099	Diff <2x LOR	[U]
		PCB 144	68194-14-9	XE781A	0.052	pg/g wwt	51.7	42.5	19.4 %	50%	---
		PCB 145	74472-40-5	XE781A	0.15	pg/g wwt	0.139	<0.15	0.14	Diff <2x LOR	[U],F,M
		PCB 146	51908-16-8	XE781A	0.32	pg/g wwt	341	280	19.8 %	50%	M
		PCB 147+149	----	XE781A	0.36	pg/g wwt	914	806	12.5 %	50%	M
		PCB 148	74472-41-6	XE781A	0.052	pg/g wwt	3.83	3.93	2.51 %	50%	---
		PCB 150	68194-08-1	XE781A	0.034	pg/g wwt	1.73	1.66	3.91 %	50%	---
		PCB 152	68194-09-2	XE781A	0.041	pg/g wwt	<0.67	0.657	0.0150	Diff <2x LOR	---
		PCB 153+168	----	XE781A	0.29	pg/g wwt	2000	1580	23.8 %	50%	---
		PCB 154	60145-22-4	XE781A	0.041	pg/g wwt	24.6	23.8	3.16 %	50%	---
		PCB 155	33979-03-2	XE781A	0.024	pg/g wwt	0.342	0.271	23.1 %	50%	[J]
		PCB 156+157	----	XE781A	0.40	pg/g wwt	135	105	25.2 %	50%	---
		PCB 158	74472-42-7	XE781A	0.25	pg/g wwt	155	122	24.2 %	50%	M
		PCB 159	39635-35-3	XE781A	0.27	pg/g wwt	11.2	10.6	5.68 %	50%	M
		PCB 160	41411-62-5	XE781A	0.26	pg/g wwt	2.55	1.94	27.1 %	50%	M
		PCB 161	74472-43-8	XE781A	0.30	pg/g wwt	<0.36	<0.30	0.063	Diff <2x LOR	[U],M
		PCB 162	39635-34-2	XE781A	0.27	pg/g wwt	8.23	6.10	29.8 %	50%	---
		PCB 165	74472-46-1	XE781A	0.28	pg/g wwt	4.50	3.76	18.0 %	50%	---
		PCB 167	52663-72-6	XE781A	0.28	pg/g wwt	66.7	49.5	29.6 %	50%	---
		PCB 169	32774-16-6	XE781A	0.38	pg/g wwt	3.89	2.62	38.8 %	50%	M
		PCB 170	35065-30-6	XE781A	0.27	pg/g wwt	261	210	21.7 %	50%	---
		PCB 171+173	----	XE781A	0.26	pg/g wwt	93.0	77.5	18.2 %	50%	---
		PCB 172	52663-74-8	XE781A	0.25	pg/g wwt	70.3	54.6	25.1 %	50%	---
		PCB 174	38411-25-5	XE781A	0.24	pg/g wwt	216	204	5.78 %	50%	M
		PCB 175	40186-70-7	XE781A	0.24	pg/g wwt	16.8	14.1	17.5 %	50%	---
		PCB 176	52663-65-7	XE781A	0.18	pg/g wwt	22.4	21.0	6.46 %	50%	---
		PCB 177	52663-70-4	XE781A	0.25	pg/g wwt	174	153	12.7 %	50%	---
		PCB 178	52663-67-9	XE781A	0.25	pg/g wwt	98.4	82.4	17.8 %	50%	---
		PCB 179	52663-64-6	XE781A	0.17	pg/g wwt	101	91.9	9.75 %	50%	---
		PCB 180+193	----	XE781A	0.21	pg/g wwt	799	628	24.0 %	50%	---
		PCB 181	74472-47-2	XE781A	0.24	pg/g wwt	2.21	1.81	19.7 %	50%	---

Sub-Matrix: **Animal Tissue**

Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Polychlorinated Biphenyls(QC Lot: 2526235)											
		PCB 182	60145-23-5	XE781A	2.8	pg/g wwt	<3.3	<2.8	0	Diff <2x LOR	[U]
		PCB 183	52663-69-1	XE781A	0.22	pg/g wwt	243	201	18.8 %	50%	---
		PCB 184	74472-48-3	XE781A	0.49	pg/g wwt	0.632	<0.49	0.14	Diff <2x LOR	[U],F
		PCB 185	52712-05-7	XE781A	0.24	pg/g wwt	33.2	21.4	43.2 %	50%	M
		PCB 186	74472-49-4	XE781A	0.18	pg/g wwt	<0.15	<0.18	0.15	Diff <2x LOR	[U]
		PCB 187	52663-68-0	XE781A	0.21	pg/g wwt	534	455	16.0 %	50%	---
		PCB 188	74487-85-7	XE781A	0.96	pg/g wwt	<1.0	<0.96	1.0	Diff <2x LOR	[U],F
		PCB 189	39635-31-9	XE781A	0.20	pg/g wwt	10.5	7.07	38.9 %	50%	---
		PCB 190	41411-64-7	XE781A	0.18	pg/g wwt	55.5	44.2	22.7 %	50%	---
		PCB 191	74472-50-7	XE781A	0.19	pg/g wwt	12.6	9.32	29.9 %	50%	---
		PCB 192	74472-51-8	XE781A	0.21	pg/g wwt	<0.18	<0.21	0	Diff <2x LOR	[U]
		PCB 194	35694-08-7	XE781A	0.10	pg/g wwt	73.4	58.7	22.4 %	50%	M
		PCB 195	52663-78-2	XE781A	0.11	pg/g wwt	32.6	26.1	22.0 %	50%	---
		PCB 196	42740-50-1	XE781A	0.087	pg/g wwt	51.5	42.7	18.6 %	50%	---
		PCB 197	33091-17-7	XE781A	3.3	pg/g wwt	<3.7	<3.3	0	Diff <2x LOR	[U],F
		PCB 198+199	----	XE781A	0.087	pg/g wwt	118	98.4	17.7 %	50%	---
		PCB 200	52663-73-7	XE781A	0.064	pg/g wwt	7.59	7.28	4.19 %	50%	---
		PCB 201	40186-71-8	XE781A	0.055	pg/g wwt	13.1	12.4	6.01 %	50%	---
		PCB 202	2136-99-4	XE781A	0.042	pg/g wwt	18.9	15.4	20.0 %	50%	---
		PCB 203	52663-76-0	XE781A	0.080	pg/g wwt	63.9	53.0	18.6 %	50%	---
		PCB 204	74472-52-9	XE781A	0.065	pg/g wwt	<0.13	<0.065	0.065	Diff <2x LOR	[U],F,M
		PCB 205	74472-53-0	XE781A	0.12	pg/g wwt	4.57	4.09	11.3 %	50%	---
		PCB 206	40186-72-9	XE781A	0.55	pg/g wwt	10.8	9.24	15.9 %	50%	---
		PCB 207	52663-79-3	XE781A	0.27	pg/g wwt	2.26	1.97	13.7 %	50%	---
		PCB 208	52663-77-1	XE781A	0.20	pg/g wwt	2.54	2.09	19.7 %	50%	---
		PCB 209	2051-24-3	XE781A	1.1	pg/g wwt	<1.1	<1.1	1.1	Diff <2x LOR	[U],F
Polychlorinated Biphenyls(QC Lot: 2551069)											
BU2600876-022	[SVOC] CHBKTR4+	PCB 001	2051-60-7	XE781A	0.15	pg/g wwt	<0.11	<0.15	0.038	Diff <2x LOR	[J],[U],F
		PCB 002	2051-61-8	XE781A	0.10	pg/g wwt	<0.12	<0.10	0.10	Diff <2x LOR	[U]
		PCB 003	2051-62-9	XE781A	0.23	pg/g wwt	<0.26	<0.23	0.26	Diff <2x LOR	[U],F
		PCB 004	13029-08-8	XE781A	0.39	pg/g wwt	<0.45	<0.39	0	Diff <2x LOR	[U]
		PCB 005	16605-91-7	XE781A	0.22	pg/g wwt	<0.24	<0.22	0.24	Diff <2x LOR	[U]
		PCB 006	25569-80-6	XE781A	0.24	pg/g wwt	<0.26	<0.24	0.023	Diff <2x LOR	[U]
		PCB 007	33284-50-3	XE781A	0.22	pg/g wwt	<0.24	<0.22	0	Diff <2x LOR	[U]
		PCB 008	34883-43-7	XE781A	0.24	pg/g wwt	0.929	0.773	0.156	Diff <2x LOR	M
		PCB 009	34883-39-1	XE781A	0.24	pg/g wwt	<0.26	<0.24	0.023	Diff <2x LOR	[U]

Sub-Matrix: **Animal Tissue**

					Laboratory Duplicate (DUP) Report						
Laboratory sample ID	*Client sample ID*	*Analyte*	*CAS Number*	*Method*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD(%) or Difference*	*Duplicate Limits*	*Qualifier*
Polychlorinated Biphenyls(QC Lot: 2551069)											
		PCB 010	33146-45-1	XE781A	0.23	pg/g wwt	<0.25	<0.23	0.022	Diff <2x LOR	[U]
		PCB 011	2050-67-1	XE781A	0.26	pg/g wwt	3.55	3.00	16.8 %	50%	M
		PCB 012+013	n/a	XE781A	0.25	pg/g wwt	<0.25	<0.25	0	Diff <2x LOR	[U]
		PCB 014	34883-41-5	XE781A	0.27	pg/g wwt	<0.27	<0.27	0	Diff <2x LOR	[U]
		PCB 015	2050-68-2	XE781A	0.19	pg/g wwt	0.483	0.340	0.143	Diff <2x LOR	[J],[U],F,M
		PCB 016	38444-78-9	XE781A	0.17	pg/g wwt	0.800	0.653	20.3 %	50%	---
		PCB 017	37680-66-3	XE781A	0.13	pg/g wwt	1.48	1.30	12.9 %	50%	M
		PCB 018+030	----	XE781A	0.12	pg/g wwt	4.31	3.77	13.3 %	50%	---
		PCB 019	38444-73-4	XE781A	0.15	pg/g wwt	0.310	0.175	0.135	Diff <2x LOR	[J],M
		PCB 020+028	----	XE781A	0.11	pg/g wwt	19.2	16.9	12.6 %	50%	M
		PCB 021+033	----	XE781A	0.12	pg/g wwt	0.483	0.381	0.102	Diff <2x LOR	[J],M
		PCB 022	38444-85-8	XE781A	0.12	pg/g wwt	4.08	3.46	16.4 %	50%	M
		PCB 023	55720-44-0	XE781A	0.12	pg/g wwt	<0.13	<0.12	0	Diff <2x LOR	[U]
		PCB 024	55702-45-9	XE781A	0.10	pg/g wwt	<0.091	<0.10	0.10	Diff <2x LOR	[U]
		PCB 025	55712-37-3	XE781A	0.12	pg/g wwt	1.94	1.46	28.5 %	50%	M
		PCB 026+029	----	XE781A	0.11	pg/g wwt	2.87	2.39	18.0 %	50%	---
		PCB 027	38444-76-7	XE781A	0.10	pg/g wwt	<0.094	<0.10	0.10	Diff <2x LOR	[U]
		PCB 031	16606-02-3	XE781A	0.11	pg/g wwt	11.9	10.1	16.6 %	50%	M
		PCB 032	38444-77-8	XE781A	0.094	pg/g wwt	0.360	0.292	0.0685	Diff <2x LOR	[J]
		PCB 034	37680-68-5	XE781A	0.12	pg/g wwt	<0.13	<0.12	0.0096	Diff <2x LOR	[U]
		PCB 035	37680-69-6	XE781A	0.13	pg/g wwt	<0.14	<0.13	0	Diff <2x LOR	[U]
		PCB 036	38444-87-0	XE781A	0.11	pg/g wwt	<0.12	<0.11	0	Diff <2x LOR	[U]
		PCB 037	38444-90-5	XE781A	0.11	pg/g wwt	1.40	1.49	6.34 %	50%	---
		PCB 038	53555-66-1	XE781A	0.12	pg/g wwt	0.227	0.214	0.0134	Diff <2x LOR	[J]
		PCB 039	38444-88-1	XE781A	0.10	pg/g wwt	<0.11	<0.10	0.0083	Diff <2x LOR	[U]
		PCB 040+041+071	----	XE781A	0.087	pg/g wwt	2.48	1.94	24.7 %	50%	---
		PCB 042	36559-22-5	XE781A	0.10	pg/g wwt	8.66	7.27	17.4 %	50%	---
		PCB 043	70362-46-8	XE781A	0.10	pg/g wwt	0.575	0.538	0.0369	Diff <2x LOR	[U],F,M
		PCB 044+047+065	----	XE781A	0.081	pg/g wwt	65.0	57.6	12.2 %	50%	---
		PCB 045+051	----	XE781A	0.089	pg/g wwt	2.67	2.55	4.38 %	50%	---
		PCB 046	41464-47-5	XE781A	0.38	pg/g wwt	<0.37	<0.38	0	Diff <2x LOR	[U],F
		PCB 048	70362-47-9	XE781A	0.081	pg/g wwt	3.09	2.70	13.7 %	50%	---
		PCB 049+069	----	XE781A	0.076	pg/g wwt	49.0	42.5	14.2 %	50%	---
		PCB 050+053	----	XE781A	0.085	pg/g wwt	2.19	1.72	24.1 %	50%	---
		PCB 052	35693-99-3	XE781A	0.093	pg/g wwt	84.4	72.9	14.6 %	50%	M
		PCB 054	15968-05-5	XE781A	0.048	pg/g wwt	<0.055	<0.048	0.048	Diff <2x LOR	[U]

Sub-Matrix: **Animal Tissue**

Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Polychlorinated Biphenyls(QC Lot: 2551069)											
		PCB 055	74338-24-2	XE781A	0.12	pg/g wwt	0.688	0.622	0.0660	Diff <2x LOR	M
		PCB 056	41464-43-1	XE781A	0.12	pg/g wwt	17.2	14.8	15.2 %	50%	---
		PCB 057	70424-67-8	XE781A	0.13	pg/g wwt	0.996	0.839	17.1 %	50%	[U],F
		PCB 058	41464-49-7	XE781A	0.11	pg/g wwt	4.30	3.84	11.4 %	50%	M
		PCB 059+062+075	----	XE781A	0.067	pg/g wwt	4.72	3.96	17.4 %	50%	---
		PCB 060	33025-41-1	XE781A	0.12	pg/g wwt	16.9	13.3	23.9 %	50%	M
		PCB 061+070+074+076	----	XE781A	0.12	pg/g wwt	193	169	13.4 %	50%	M
		PCB 063	74472-34-7	XE781A	0.12	pg/g wwt	6.91	5.93	15.2 %	50%	M
		PCB 064	52663-58-8	XE781A	0.069	pg/g wwt	19.5	17.3	12.0 %	50%	---
		PCB 066	32598-10-0	XE781A	0.12	pg/g wwt	111	96.3	13.8 %	50%	M
		PCB 067	73575-53-8	XE781A	0.11	pg/g wwt	3.17	2.93	7.91 %	50%	M
		PCB 068	73575-52-7	XE781A	0.11	pg/g wwt	3.48	2.95	16.6 %	50%	---
		PCB 072	41464-42-0	XE781A	0.12	pg/g wwt	3.84	3.39	12.3 %	50%	---
		PCB 073	74338-23-1	XE781A	0.22	pg/g wwt	<0.22	<0.22	0.0023	Diff <2x LOR	[U],EMPC,F,M
		PCB 077	32598-13-3	XE781A	0.14	pg/g wwt	11.0	10.5	4.35 %	50%	---
		PCB 078	70362-49-1	XE781A	0.14	pg/g wwt	<0.26	0.219	0.219	Diff <2x LOR	[J],M
		PCB 079	41464-48-6	XE781A	0.11	pg/g wwt	3.80	3.26	15.3 %	50%	M
		PCB 080	33284-52-5	XE781A	0.10	pg/g wwt	1.86	2.16	14.8 %	50%	[U],F,M
		PCB 081	70362-50-4	XE781A	0.13	pg/g wwt	0.712	0.610	0.102	Diff <2x LOR	M
		PCB 082	52663-62-4	XE781A	0.27	pg/g wwt	17.7	15.8	11.4 %	50%	M
		PCB 083+099	----	XE781A	0.20	pg/g wwt	399	340	15.9 %	50%	M
		PCB 084	52663-60-2	XE781A	0.21	pg/g wwt	19.1	16.1	16.8 %	50%	M
		PCB 085+110+115+116+117	----	XE781A	0.16	pg/g wwt	455	388	15.8 %	50%	M
		PCB 086+087+097+109+119+125	----	XE781A	0.17	pg/g wwt	268	229	15.5 %	50%	M
		PCB 088+091	----	XE781A	0.20	pg/g wwt	30.3	26.4	13.6 %	50%	M
		PCB 089	73575-57-2	XE781A	0.25	pg/g wwt	1.10	1.04	5.14 %	50%	M
		PCB 090+101+113	----	XE781A	0.17	pg/g wwt	585	504	14.9 %	50%	M
		PCB 092	52663-61-3	XE781A	0.22	pg/g wwt	119	99.5	17.5 %	50%	M
		PCB 093+098+100+102	----	XE781A	0.19	pg/g wwt	38.5	36.4	5.53 %	50%	M
		PCB 094	73575-55-0	XE781A	0.20	pg/g wwt	<0.96	0.888	0.0725	Diff <2x LOR	M
		PCB 095	38379-99-6	XE781A	0.24	pg/g wwt	120	98.0	20.5 %	50%	M
		PCB 096	73575-54-9	XE781A	0.14	pg/g wwt	<0.27	<0.14	0.14	Diff <2x LOR	[U],F
		PCB 103	60145-21-3	XE781A	0.20	pg/g wwt	5.93	5.12	14.7 %	50%	[U],F,M
		PCB 104	56558-16-8	XE781A	0.052	pg/g wwt	<0.061	<0.052	0	Diff <2x LOR	[U]
		PCB 105	32598-14-4	XE781A	0.20	pg/g wwt	250	211	16.9 %	50%	---
		PCB 106	70424-69-0	XE781A	0.21	pg/g wwt	<0.19	<0.21	0.017	Diff <2x LOR	[U]

Sub-Matrix: **Animal Tissue**

Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Polychlorinated Biphenyls(QC Lot: 2551069)											
		PCB 107	70424-68-9	XE781A	0.15	pg/g wwt	63.4	51.7	20.3 %	50%	---
		PCB 108+124	----	XE781A	0.17	pg/g wwt	22.5	19.3	15.5 %	50%	---
		PCB 111	39635-32-0	XE781A	0.89	pg/g wwt	<1.3	<0.89	0	Diff <2x LOR	[U],F,M
		PCB 112	74472-36-9	XE781A	0.14	pg/g wwt	1.03	0.798	25.4 %	50%	[U],F,M
		PCB 114	74472-37-0	XE781A	0.20	pg/g wwt	18.3	15.1	19.3 %	50%	M
		PCB 118	31508-00-6	XE781A	0.19	pg/g wwt	725	603	18.4 %	50%	---
		PCB 120	68194-12-7	XE781A	0.14	pg/g wwt	9.38	8.22	13.1 %	50%	---
		PCB 121	56558-18-0	XE781A	0.13	pg/g wwt	0.292	0.224	0.0679	Diff <2x LOR	[J],M
		PCB 122	76842-07-4	XE781A	0.23	pg/g wwt	4.68	4.74	1.16 %	50%	M
		PCB 123	65510-44-3	XE781A	0.20	pg/g wwt	11.4	9.76	15.3 %	50%	---
		PCB 126	57465-28-8	XE781A	2.9	pg/g wwt	<5.2	<2.9	0	Diff <2x LOR	[U],F,M
		PCB 127	39635-33-1	XE781A	0.19	pg/g wwt	1.99	1.42	33.2 %	50%	---
		PCB 128+166	----	XE781A	0.24	pg/g wwt	203	169	18.0 %	50%	M
		PCB 129+138+163	----	XE781A	0.36	pg/g wwt	2310	1950	16.9 %	50%	M
		PCB 130	52663-66-8	XE781A	0.32	pg/g wwt	76.6	67.0	13.3 %	50%	M
		PCB 131	61798-70-7	XE781A	0.34	pg/g wwt	4.31	3.94	8.98 %	50%	M
		PCB 132	38380-05-1	XE781A	0.28	pg/g wwt	125	110	12.9 %	50%	---
		PCB 133	35694-04-3	XE781A	0.31	pg/g wwt	33.7	26.8	22.8 %	50%	---
		PCB 134+143	----	XE781A	0.33	pg/g wwt	26.6	23.4	13.0 %	50%	M
		PCB 135+151	----	XE781A	0.28	pg/g wwt	465	398	15.6 %	50%	M
		PCB 136	38411-22-2	XE781A	0.11	pg/g wwt	25.7	23.6	8.57 %	50%	---
		PCB 137+164	----	XE781A	0.24	pg/g wwt	57.4	51.4	11.0 %	50%	M
		PCB 139+140	----	XE781A	0.25	pg/g wwt	21.9	18.3	18.1 %	50%	M
		PCB 141	52712-04-6	XE781A	0.28	pg/g wwt	260	221	16.2 %	50%	M
		PCB 142	41411-61-4	XE781A	0.33	pg/g wwt	<0.47	<0.33	0.33	Diff <2x LOR	[U]
		PCB 144	68194-14-9	XE781A	0.14	pg/g wwt	37.0	32.0	14.4 %	50%	---
		PCB 145	74472-40-5	XE781A	0.10	pg/g wwt	<0.049	<0.10	0.10	Diff <2x LOR	[U]
		PCB 146	51908-16-8	XE781A	0.24	pg/g wwt	286	255	11.3 %	50%	M
		PCB 147+149	----	XE781A	0.26	pg/g wwt	557	482	14.4 %	50%	M
		PCB 148	74472-41-6	XE781A	0.14	pg/g wwt	2.35	2.19	7.03 %	50%	---
		PCB 150	68194-08-1	XE781A	0.097	pg/g wwt	0.879	0.900	2.38 %	50%	M
		PCB 152	68194-09-2	XE781A	0.11	pg/g wwt	<0.14	<0.11	0.11	Diff <2x LOR	[U],M
		PCB 153+168	----	XE781A	0.22	pg/g wwt	1810	1560	15.0 %	50%	M
		PCB 154	60145-22-4	XE781A	0.063	pg/g wwt	21.5	20.3	5.48 %	50%	M
		PCB 155	33979-03-2	XE781A	0.25	pg/g wwt	<0.25	<0.25	0.25	Diff <2x LOR	[U],F
		PCB 156+157	----	XE781A	0.37	pg/g wwt	112	96.4	15.4 %	50%	---

Sub-Matrix: **Animal Tissue**

Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Polychlorinated Biphenyls(QC Lot: 2551069)											
		PCB 158	74472-42-7	XE781A	0.19	pg/g wwt	130	108	18.7 %	50%	M
		PCB 159	39635-35-3	XE781A	0.20	pg/g wwt	5.87	4.95	17.0 %	50%	M
		PCB 160	41411-62-5	XE781A	0.14	pg/g wwt	7.26	6.27	14.7 %	50%	M
		PCB 161	74472-43-8	XE781A	0.23	pg/g wwt	<0.32	<0.23	0	Diff <2x LOR	[U]
		PCB 162	39635-34-2	XE781A	0.21	pg/g wwt	7.06	6.46	8.92 %	50%	---
		PCB 165	74472-46-1	XE781A	0.22	pg/g wwt	<2.2	# 2.49	2.49	Diff <2x LOR	M
		PCB 167	52663-72-6	XE781A	0.20	pg/g wwt	53.1	44.4	17.8 %	50%	---
		PCB 169	32774-16-6	XE781A	3.8	pg/g wwt	<4.1	<3.8	4.1	Diff <2x LOR	[U],F
		PCB 170	35065-30-6	XE781A	0.17	pg/g wwt	263	228	14.0 %	50%	---
		PCB 171+173	----	XE781A	0.16	pg/g wwt	91.8	73.5	22.2 %	50%	M
		PCB 172	52663-74-8	XE781A	0.16	pg/g wwt	67.7	59.1	13.6 %	50%	---
		PCB 174	38411-25-5	XE781A	0.14	pg/g wwt	133	112	16.9 %	50%	---
		PCB 175	40186-70-7	XE781A	0.15	pg/g wwt	15.8	12.9	20.1 %	50%	---
		PCB 176	52663-65-7	XE781A	0.12	pg/g wwt	17.2	14.6	16.3 %	50%	---
		PCB 177	52663-70-4	XE781A	0.16	pg/g wwt	145	128	12.9 %	50%	M
		PCB 178	52663-67-9	XE781A	0.16	pg/g wwt	89.6	78.7	13.0 %	50%	---
		PCB 179	52663-64-6	XE781A	0.12	pg/g wwt	76.0	63.7	17.6 %	50%	M
		PCB 180+193	----	XE781A	0.13	pg/g wwt	776	692	11.4 %	50%	M
		PCB 181	74472-47-2	XE781A	0.15	pg/g wwt	2.65	1.84	35.9 %	50%	M
		PCB 182	60145-23-5	XE781A	0.15	pg/g wwt	3.53	2.65	28.5 %	50%	---
		PCB 183	52663-69-1	XE781A	0.14	pg/g wwt	216	188	13.7 %	50%	---
		PCB 184	74472-48-3	XE781A	0.10	pg/g wwt	0.750	0.563	28.5 %	50%	M
		PCB 185	52712-05-7	XE781A	0.15	pg/g wwt	35.5	30.5	15.4 %	50%	---
		PCB 186	74472-49-4	XE781A	0.12	pg/g wwt	<0.15	<0.12	0	Diff <2x LOR	[U]
		PCB 187	52663-68-0	XE781A	0.13	pg/g wwt	475	398	17.6 %	50%	---
		PCB 188	74487-85-7	XE781A	0.66	pg/g wwt	<0.76	<0.66	0.76	Diff <2x LOR	[U],F
		PCB 189	39635-31-9	XE781A	0.17	pg/g wwt	11.0	9.41	15.6 %	50%	---
		PCB 190	41411-64-7	XE781A	0.11	pg/g wwt	55.7	49.0	12.7 %	50%	M
		PCB 191	74472-50-7	XE781A	0.12	pg/g wwt	12.4	11.1	11.8 %	50%	M
		PCB 192	74472-51-8	XE781A	0.13	pg/g wwt	<0.16	<0.13	0	Diff <2x LOR	[U]
		PCB 194	35694-08-7	XE781A	0.12	pg/g wwt	83.7	69.5	18.6 %	50%	---
		PCB 195	52663-78-2	XE781A	0.12	pg/g wwt	36.7	33.1	10.2 %	50%	---
		PCB 196	42740-50-1	XE781A	0.072	pg/g wwt	54.4	44.7	19.5 %	50%	M
		PCB 197	33091-17-7	XE781A	0.051	pg/g wwt	4.62	4.15	10.8 %	50%	---
		PCB 198+199	----	XE781A	0.073	pg/g wwt	128	109	15.9 %	50%	M
		PCB 200	52663-73-7	XE781A	0.055	pg/g wwt	5.65	4.15	30.6 %	50%	---

Sub-Matrix: Animal Tissue

Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
					Laboratory Duplicate (DUP) Report						
Polychlorinated Biphenyls(QC Lot: 2551069)											
		PCB 201	40186-71-8	XE781A	0.050	pg/g wwt	12.8	11.2	13.1 %	50%	---
		PCB 202	2136-99-4	XE781A	0.037	pg/g wwt	15.3	14.5	5.75 %	50%	[U],F,M
		PCB 203	52663-76-0	XE781A	0.064	pg/g wwt	68.8	56.7	19.3 %	50%	M
		PCB 204	74472-52-9	XE781A	0.052	pg/g wwt	0.133	0.0744	0.0587	Diff <2x LOR	[J],[U],F,M
		PCB 205	74472-53-0	XE781A	0.14	pg/g wwt	5.80	5.15	11.8 %	50%	---
		PCB 206	40186-72-9	XE781A	0.31	pg/g wwt	12.5	12.8	2.58 %	50%	---
		PCB 207	52663-79-3	XE781A	0.20	pg/g wwt	2.54	3.02	17.2 %	50%	---
		PCB 208	52663-77-1	XE781A	0.15	pg/g wwt	2.99	2.94	1.52 %	50%	---
		PCB 209	2051-24-3	XE781A	0.096	pg/g wwt	1.84	1.36	29.7 %	50%	---

Sub-Matrix: Fish

Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
					Laboratory Duplicate (DUP) Report						
Polychlorinated Dibenzo(p)dioxins(QC Lot: 2526213)											
BU2600876-011	[SVOC] CHBKTR1+	HpCDD, 1,2,3,4,6,7,8-	35822-46-9	XE785F	0.032	pg/g wwt	0.220	0.184	17.6 %	50%	[J],M
		HxCDD, 1,2,3,4,7,8-	39227-28-6	XE785F	0.082	pg/g wwt	<0.067	<0.082	0.067	Diff <2x LOR	[U],F,M
		HxCDD, 1,2,3,6,7,8-	57653-85-7	XE785F	0.084	pg/g wwt	<0.088	<0.084	0.084	Diff <2x LOR	[J],F,M
		HxCDD, 1,2,3,7,8,9-	19408-74-3	XE785F	0.044	pg/g wwt	<0.033	<0.044	0.011	Diff <2x LOR	[U],M
		OCDD	3268-87-9	XE785F	0.078	pg/g wwt	0.813	0.430	61.6 %	50%	[J],M
		PeCDD, 1,2,3,7,8-	40321-76-4	XE785F	0.033	pg/g wwt	<0.069	<0.033	0	Diff <2x LOR	[U],F,M
		TCDD, 2,3,7,8-	1746-01-6	XE785F	0.016	pg/g wwt	<0.016	<0.016	0	Diff <2x LOR	[U],F,M
Polychlorinated Dibenzo(p)dioxins(QC Lot: 2551078)											
BU2600876-016	[SVOC] CHBKTR4+	HpCDD, 1,2,3,4,6,7,8-	35822-46-9	XE785F	0.42	pg/g wwt	<0.58	<0.42	0	Diff <2x LOR	[U]
		HxCDD, 1,2,3,4,7,8-	39227-28-6	XE785F	0.24	pg/g wwt	<0.26	<0.24	0.018	Diff <2x LOR	[U]
		HxCDD, 1,2,3,6,7,8-	57653-85-7	XE785F	0.26	pg/g wwt	<0.26	<0.26	0	Diff <2x LOR	[U]
		HxCDD, 1,2,3,7,8,9-	19408-74-3	XE785F	0.28	pg/g wwt	<0.32	<0.28	0.037	Diff <2x LOR	[U]
		OCDD	3268-87-9	XE785F	1.0	pg/g wwt	<1.2	<1.0	0.17	Diff <2x LOR	[U]
		PeCDD, 1,2,3,7,8-	40321-76-4	XE785F	0.15	pg/g wwt	<0.18	<0.15	0.18	Diff <2x LOR	[U]
		TCDD, 2,3,7,8-	1746-01-6	XE785F	0.062	pg/g wwt	<0.086	<0.062	0.024	Diff <2x LOR	[U]
Polychlorinated Dibenzofurans(QC Lot: 2526213)											
BU2600876-011	[SVOC] CHBKTR1+	HpCDF, 1,2,3,4,6,7,8-	67562-39-4	XE785F	0.024	pg/g wwt	<0.046	<0.024	0.046	Diff <2x LOR	[U]
		HpCDF, 1,2,3,4,7,8,9-	55673-89-7	XE785F	0.053	pg/g wwt	<0.053	<0.053	0.00030	Diff <2x LOR	[U],F,M
		HxCDF, 1,2,3,4,7,8-	70648-26-9	XE785F	0.047	pg/g wwt	<0.051	<0.047	0.047	Diff <2x LOR	[U]
		HxCDF, 1,2,3,6,7,8-	57117-44-9	XE785F	0.048	pg/g wwt	<0.057	<0.048	0	Diff <2x LOR	[U]

Sub-Matrix: Fish

Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Polychlorinated Dibenzofurans(QC Lot: 2526213)											
		HxCDF, 1,2,3,7,8,9-	72918-21-9	XE785F	0.065	pg/g wwt	<0.071	<0.065	0.0061	Diff <2x LOR	[U]
		HxCDF, 2,3,4,6,7,8-	60851-34-5	XE785F	0.050	pg/g wwt	<0.050	<0.050	0.050	Diff <2x LOR	[U]
		OCDF	39001-02-0	XE785F	0.059	pg/g wwt	<0.30	<0.059	0.059	Diff <2x LOR	[U]
		PeCDF, 1,2,3,7,8-	57117-41-6	XE785F	0.034	pg/g wwt	<0.046	<0.034	0.046	Diff <2x LOR	[U]
		PeCDF, 2,3,4,7,8-	57117-31-4	XE785F	0.074	pg/g wwt	<0.048	<0.074	0.074	Diff <2x LOR	[U],F
		TCDF, 2,3,7,8-	51207-31-9	XE785F	0.031	pg/g wwt	0.744	0.479	43.5 %	50%	[J],M
Polychlorinated Dibenzofurans(QC Lot: 2551078)											
BU2600876-016	[SVOC] CHBKTR4+	HpCDF, 1,2,3,4,6,7,8-	67562-39-4	XE785F	0.62	pg/g wwt	<0.70	<0.62	0.70	Diff <2x LOR	[U],F
		HpCDF, 1,2,3,4,7,8,9-	55673-89-7	XE785F	0.16	pg/g wwt	<0.24	<0.16	0.24	Diff <2x LOR	[U]
		HxCDF, 1,2,3,4,7,8-	70648-26-9	XE785F	0.17	pg/g wwt	<0.18	<0.17	0	Diff <2x LOR	[U]
		HxCDF, 1,2,3,6,7,8-	57117-44-9	XE785F	0.17	pg/g wwt	<0.14	<0.17	0	Diff <2x LOR	[U]
		HxCDF, 1,2,3,7,8,9-	72918-21-9	XE785F	0.15	pg/g wwt	<0.19	<0.15	0.19	Diff <2x LOR	[U]
		HxCDF, 2,3,4,6,7,8-	60851-34-5	XE785F	0.16	pg/g wwt	<0.17	<0.16	0.013	Diff <2x LOR	[U]
		OCDF	39001-02-0	XE785F	0.33	pg/g wwt	<0.43	<0.33	0.099	Diff <2x LOR	[U]
		PeCDF, 1,2,3,7,8-	57117-41-6	XE785F	0.17	pg/g wwt	<0.12	<0.17	0	Diff <2x LOR	[U]
		PeCDF, 2,3,4,7,8-	57117-31-4	XE785F	0.082	pg/g wwt	<0.11	<0.082	0.028	Diff <2x LOR	[U],M
		TCDF, 2,3,7,8-	51207-31-9	XE785F	0.081	pg/g wwt	0.410	0.303	30.0 %	50%	[J]
Dioxin-like Polychlorinated Biphenyls(QC Lot: 2526213)											
BU2600876-011	[SVOC] CHBKTR1+	PCB 077	32598-13-3	XE785F	0.069	pg/g wwt	14.6	10.7	30.2 %	50%	---
		PCB 081	70362-50-4	XE785F	0.072	pg/g wwt	1.91	1.09	54.8 %	50%	---
		PCB 105	32598-14-4	XE785F	0.17	pg/g wwt	128	77.2	49.2 %	50%	---
		PCB 114	74472-37-0	XE785F	0.17	pg/g wwt	14.1	8.82	46.0 %	50%	---
		PCB 123	65510-44-3	XE785F	3.5	pg/g wwt	<4.7	<3.5	4.7	Diff <2x LOR	F,M
		PCB 126	57465-28-8	XE785F	0.22	pg/g wwt	2.61	1.51	53.7 %	50%	---
		PCB 156	38380-08-4	XE785F	0.18	pg/g wwt	47.9	26.4	58.0 %	50%	---
		PCB 157	69782-90-7	XE785F	0.17	pg/g wwt	9.85	5.91	50.0 %	50%	---
		PCB 167	52663-72-6	XE785F	0.17	pg/g wwt	25.7	13.7	61.1 %	50%	---
		PCB 169	32774-16-6	XE785F	0.23	pg/g wwt	<0.26	<0.23	0.029	Diff <2x LOR	[U]
		PCB 189	39635-31-9	XE785F	0.12	pg/g wwt	5.13	2.82	58.1 %	50%	M
Dioxin-like Polychlorinated Biphenyls(QC Lot: 2551078)											
BU2600876-016	[SVOC] CHBKTR4+	PCB 077	32598-13-3	XE785F	0.074	pg/g wwt	10.8	10.2	6.30 %	50%	---
		PCB 081	70362-50-4	XE785F	0.41	pg/g wwt	<7.7	<0.41	7.7	Diff <2x LOR	[J],F,M
		PCB 105	32598-14-4	XE785F	0.12	pg/g wwt	312	278	11.3 %	50%	---
		PCB 114	74472-37-0	XE785F	0.12	pg/g wwt	25.0	21.9	13.2 %	50%	M
		PCB 123	65510-44-3	XE785F	14	pg/g wwt	<17	<14	14	Diff <2x LOR	[U],F,M
		PCB 126	57465-28-8	XE785F	5.3	pg/g wwt	<5.7	<5.3	0	Diff <2x LOR	F,M
		PCB 156	38380-08-4	XE785F	0.24	pg/g wwt	126	112	11.6 %	50%	---

Sub-Matrix: Fish

Laboratory Duplicate (DUP) Report

Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	LOR	Unit	Original Result	Duplicate Result	RPD(%) or Difference	Duplicate Limits	Qualifier
Dioxin-like Polychlorinated Biphenyls(QC Lot: 2551078)											
		PCB 157	69782-90-7	XE785F	0.25	pg/g wwt	21.1	19.4	8.73 %	50%	M
		PCB 167	52663-72-6	XE785F	0.27	pg/g wwt	66.5	62.7	5.90 %	50%	M
		PCB 169	32774-16-6	XE785F	0.19	pg/g wwt	<0.31	<0.19	0.12	Diff <2x LOR	[U],M
		PCB 189	39635-31-9	XE785F	0.37	pg/g wwt	12.5	11.0	13.3 %	50%	M
Marker Polychlorinated Biphenyls(QC Lot: 2526213)											
BU2600876-011	[SVOC] CHBKTR1+	PCB 028	7012-37-5	XE785F	0.017	pg/g wwt	0.0693 ng/g wwt	65.7	5.31 %	50%	---
		PCB 052	35693-99-3	XE785F	0.063	pg/g wwt	0.505 ng/g wwt	494	2.35 %	50%	---
		PCB 101	37680-73-2	XE785F	0.030	pg/g wwt	0.571 ng/g wwt	403	34.5 %	50%	M
		PCB 118	31508-00-6	XE785F	0.16	pg/g wwt	375	223	50.8 %	50%	---
		PCB 138	35065-28-2	XE785F	0.23	pg/g wwt	0.551 ng/g wwt	306	57.3 %	50%	---
		PCB 153	35065-27-1	XE785F	0.22	pg/g wwt	0.773 ng/g wwt	427	57.8 %	50%	---
		PCB 180	35065-29-3	XE785F	0.21	pg/g wwt	0.432 ng/g wwt	243	56.2 %	50%	---
Marker Polychlorinated Biphenyls(QC Lot: 2551078)											
BU2600876-016	[SVOC] CHBKTR4+	PCB 028	7012-37-5	XE785F	0.051	pg/g wwt	0.0336 ng/g wwt	30.6	9.54 %	50%	---
		PCB 052	35693-99-3	XE785F	0.18	pg/g wwt	0.0837 ng/g wwt	74.3	12.0 %	50%	---
		PCB 101	37680-73-2	XE785F	0.11	pg/g wwt	0.688 ng/g wwt	619	10.7 %	50%	---
		PCB 118	31508-00-6	XE785F	0.11	pg/g wwt	837	744	11.8 %	50%	---
		PCB 138	35065-28-2	XE785F	0.29	pg/g wwt	1.36 ng/g wwt	1220	11.1 %	50%	M
		PCB 153	35065-27-1	XE785F	0.24	pg/g wwt	1.89 ng/g wwt	1700	10.8 %	50%	M
		PCB 180	35065-29-3	XE785F	0.38	pg/g wwt	1.20 ng/g wwt	1080	10.6 %	50%	---
Dioxins and Furans Extraction Standards(QC Lot: 2526213)											
							Duplicate Result	**Target**	**%Rec.**	**Surr. Limits**	
		HpCDD-13C12, 1,2,3,4,6,7,8-	109719-83-7	XE785F	0.1	pg/g wwt	146	33.300 pg/g	73.6	15-140 %	---
		HpCDF-13C12, 1,2,3,4,6,7,8-	67562-39-4	XE785F	0.1	pg/g wwt	155	33.300 pg/g	78.1	15-140 %	---
		HpCDF-13C12, 1,2,3,4,7,8,9-	55673-89-7	XE785F	0.1	pg/g wwt	133	33.300 pg/g	67.3	15-140 %	---
		HxCDD-13C12, 1,2,3,4,7,8-	109719-80-4	XE785F	0.1	pg/g wwt	142	33.300 pg/g	71.8	30-140 %	---
		HxCDD-13C12, 1,2,3,6,7,8-	109719-81-5	XE785F	0.1	pg/g wwt	142	33.300 pg/g	71.6	30-140 %	---
		HxCDD-13C12, 1,2,3,7,8,9-	109719-82-6	XE785F	0.1	pg/g wwt	127	33.300 pg/g	64.3	30-140 %	---
		HxCDF-13C12, 1,2,3,4,7,8-	114423-98-2	XE785F	0.1	pg/g wwt	148	33.300 pg/g	74.9	30-140 %	---
		HxCDF-13C12, 1,2,3,6,7,8-	116843-03-9	XE785F	0.1	pg/g wwt	142	33.300 pg/g	71.7	30-140 %	---
		HxCDF-13C12, 1,2,3,7,8,9-	116843-04-0	XE785F	0.1	pg/g wwt	125	33.300 pg/g	62.9	30-140 %	---
		HxCDF-13C12, 2,3,4,6,7,8-	116843-05-1	XE785F	0.1	pg/g wwt	139	33.300 pg/g	70.3	30-140 %	---
		OCDD-13C12	114423-97-1	XE785F	0.1	pg/g wwt	233	66.700 pg/g	58.8	15-140 %	---
		OCDF-13C12	109719-78-0	XE785F	0.1	pg/g wwt	230	66.700 pg/g	58.0	15-140 %	---
		PCB 028, 13C12	208263-76-7	XE785F	0.1	pg/g wwt	112	33.300 pg/g	56.4	10-140 %	---

Dioxins and Furans Extraction Standards(QC Lot: 2526213)											
		PCB 052, 13C12	208263-80-3	XE785F	0.1	pg/g wwt	109	33.300 pg/g	55.2	10-140 %	---
		PCB 077, 13C12	105600-23-5	XE785F	0.1	pg/g wwt	121	33.300 pg/g	60.9	15-140 %	---
		PCB 081, 13C12	208461-24-9	XE785F	0.1	pg/g wwt	118	33.300 pg/g	59.7	15-140 %	---
		PCB 101, 13C12	104130-39-4	XE785F	0.1	pg/g wwt	128	33.300 pg/g	64.4	10-140 %	---
		PCB 105, 13C12	208263-62-1	XE785F	0.1	pg/g wwt	130	33.300 pg/g	65.7	15-140 %	---
		PCB 114, 13C12	208263-63-2	XE785F	0.1	pg/g wwt	125	33.300 pg/g	63.0	15-140 %	---
		PCB 118, 13C12	104130-40-7	XE785F	0.1	pg/g wwt	138	33.300 pg/g	69.8	15-140 %	---
		PCB 123, 13C12	208263-64-3	XE785F	0.1	pg/g wwt	125	33.300 pg/g	63.1	15-140 %	---
		PCB 126, 13C12	208263-65-4	XE785F	0.1	pg/g wwt	118	33.300 pg/g	59.7	30-140 %	---
		PCB 138, 13C12	208263-66-5	XE785F	0.1	pg/g wwt	131	33.300 pg/g	66.2	10-140 %	---
		PCB 153, 13C12	185376-58-3	XE785F	0.1	pg/g wwt	134	33.300 pg/g	67.7	10-140 %	---
		PCB 156, 13C12	208263-68-7	XE785F	0.1	pg/g wwt	137	33.300 pg/g	69.0	15-140 %	---
		PCB 157, 13C12	235416-30-5	XE785F	0.1	pg/g wwt	126	33.300 pg/g	63.9	15-140 %	---
		PCB 167, 13C12	208263-69-8	XE785F	0.1	pg/g wwt	134	33.300 pg/g	67.6	15-140 %	---
		PCB 169, 13C12	208263-70-1	XE785F	0.1	pg/g wwt	118	33.300 pg/g	59.8	30-140 %	---
		PCB 180, 13C12	208263-72-3	XE785F	0.1	pg/g wwt	151	33.300 pg/g	76.1	10-140 %	---
		PCB 189, 13C12	208263-73-4	XE785F	0.1	pg/g wwt	134	33.300 pg/g	67.5	15-140 %	---
		PeCDD-13C12, 1,2,3,7,8-	109719-79-1	XE785F	0.1	pg/g wwt	135	33.300 pg/g	68.4	30-140 %	---
		PeCDF-13C12, 1,2,3,7,8-	109719-77-9	XE785F	0.1	pg/g wwt	129	33.300 pg/g	64.9	30-140 %	---
		PeCDF-13C12, 2,3,4,7,8-	116843-02-8	XE785F	0.1	pg/g wwt	129	33.300 pg/g	65.3	30-140 %	---
		TCDD-13C12, 2,3,7,8-	76523-40-5	XE785F	0.1	pg/g wwt	142	33.300 pg/g	71.6	30-140 %	---
		TCDF-13C12, 2,3,7,8-	89059-46-1	XE785F	0.1	pg/g wwt	139	33.300 pg/g	70.1	30-140 %	---

Qualifiers

Qualifier	Description
[J]	Estimated value. The reported concentration is below the calibrated range of the instrument but above the EDL.
[U]	The analyte was not detected above the EDL (or LOR where applicable).
EMPC	Estimated Maximum Possible Concentration. The EDL (or LOR where applicable) for the analyte was raised to the level of the EMPC.
F	The ion abundance ratio(s) did not meet the acceptance criteria. Estimated Detection Limit for that compound has been elevated to the level of the EMPC.
M	Peak has been manually integrated.

Method Blank (MB) Report

A Method Blank is an analyte-free matrix that undergoes sample processing identical to that carried out for test samples. Method Blank results are used to monitor and control for potential contamination from the laboratory environment and reagents. For most tests, the DQO for Method Blanks is for the result to be < LOR.

Sub-Matrix: Biota

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Physical Tests(QC Lot: 2548175)						
Moisture	----	E144	0.5	%	<0.50	----
Metals(QC Lot: 2546559)						
Mercury	7439-97-6	E524A	0.00625	mg/kg wwt	<0.0062	----
Metals(QC Lot: 2546560)						
Aluminum	7429-90-5	E464A	0.4	mg/kg wwt	<0.40	----
Antimony	7440-36-0	E464A	0.002	mg/kg wwt	<0.0020	----
Arsenic	7440-38-2	E464A	0.004	mg/kg wwt	<0.0040	----
Barium	7440-39-3	E464A	0.02	mg/kg wwt	<0.020	----
Beryllium	7440-41-7	E464A	0.002	mg/kg wwt	<0.0020	----
Bismuth	7440-69-9	E464A	0.002	mg/kg wwt	<0.0020	----
Boron	7440-42-8	E464A	0.2	mg/kg wwt	<0.20	----
Cadmium	7440-43-9	E464A	0.001	mg/kg wwt	<0.0010	----
Calcium	7440-70-2	E464A	5	mg/kg wwt	<5.0	----
Chromium	7440-47-3	E464A	0.01	mg/kg wwt	<0.010	----
Cobalt	7440-48-4	E464A	0.004	mg/kg wwt	<0.0040	----
Copper	7440-50-8	E464A	0.02	mg/kg wwt	0.020	----
Iron	7439-89-6	E464A	0.5	mg/kg wwt	<0.50	----
Lead	7439-92-1	E464A	0.004	mg/kg wwt	0.0042	----
Lithium	7439-93-2	E464A	0.1	mg/kg wwt	<0.10	----
Magnesium	7439-95-4	E464A	1	mg/kg wwt	<1.0	----
Manganese	7439-96-5	E464A	0.1	mg/kg wwt	<0.10	----
Molybdenum	7439-98-7	E464A	0.004	mg/kg wwt	<0.0040	----
Nickel	7440-02-0	E464A	0.04	mg/kg wwt	<0.040	----
Phosphorus	7723-14-0	E464A	2	mg/kg wwt	<2.0	----
Potassium	7440-09-7	E464A	4	mg/kg wwt	<4.0	----
Rubidium	7440-17-7	E464A	0.02	mg/kg wwt	<0.020	----
Selenium	7782-49-2	E464A	0.01	mg/kg wwt	<0.010	----
Silver	7440-22-4	E464A	0.001	mg/kg wwt	<0.0010	----
Sodium	7440-23-5	E464A	5	mg/kg wwt	<5.0	----
Strontium	7440-24-6	E464A	0.02	mg/kg wwt	<0.020	----
Tellurium	13494-80-9	E464A	0.02	mg/kg wwt	<0.020	----
Thallium	7440-28-0	E464A	0.0004	mg/kg wwt	<0.00040	----
Tin	7440-31-5	E464A	0.02	mg/kg wwt	<0.020	----
Tungsten	7440-33-7	E464A	0.02	mg/kg wwt	<0.020	----
Uranium	7440-61-1	E464A	0.004	mg/kg wwt	<0.0040	----
Vanadium	7440-62-2	E464A	0.02	mg/kg wwt	<0.020	----
Zinc	7440-66-6	E464A	0.1	mg/kg wwt	<0.10	----
Zirconium	7440-67-7	E464A	0.06	mg/kg wwt	<0.060	----

Sub-Matrix: Biota

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Metals(QC Lot: 2546561)						
Aluminum	7429-90-5	E464	2	mg/kg	<2.0	----
Antimony	7440-36-0	E464	0.01	mg/kg	<0.010	----
Arsenic	7440-38-2	E464	0.02	mg/kg	<0.0200	----
Barium	7440-39-3	E464	0.1	mg/kg	<0.10	----
Beryllium	7440-41-7	E464	0.01	mg/kg	<0.010	----
Bismuth	7440-69-9	E464	0.01	mg/kg	<0.010	----
Boron	7440-42-8	E464	1	mg/kg	<1.0	----
Cadmium	7440-43-9	E464	0.005	mg/kg	<0.0050	----
Calcium	7440-70-2	E464	25	mg/kg	<25	----
Chromium	7440-47-3	E464	0.05	mg/kg	<0.050	----
Cobalt	7440-48-4	E464	0.02	mg/kg	<0.020	----
Copper	7440-50-8	E464	0.1	mg/kg	<0.10	----
Iron	7439-89-6	E464	2.5	mg/kg	<2.5	----
Lead	7439-92-1	E464	0.02	mg/kg	<0.020	----
Lithium	7439-93-2	E464	0.5	mg/kg	<0.50	----
Magnesium	7439-95-4	E464	5	mg/kg	<5.0	----
Manganese	7439-96-5	E464	0.5	mg/kg	<0.50	----
Molybdenum	7439-98-7	E464	0.02	mg/kg	<0.020	----
Nickel	7440-02-0	E464	0.2	mg/kg	<0.20	----
Phosphorus	7723-14-0	E464	10	mg/kg	<10	----
Potassium	7440-09-7	E464	20	mg/kg	<20	----
Rubidium	7440-17-7	E464	0.1	mg/kg	<0.10	----
Selenium	7782-49-2	E464	0.05	mg/kg	<0.050	----
Silver	7440-22-4	E464	0.005	mg/kg	<0.0050	----
Sodium	7440-23-5	E464	25	mg/kg	<25	----
Strontium	7440-24-6	E464	0.1	mg/kg	<0.10	----
Tellurium	13494-80-9	E464	0.1	mg/kg	<0.10	----
Thallium	7440-28-0	E464	0.002	mg/kg	<0.0020	----
Tin	7440-31-5	E464	0.1	mg/kg	<0.10	----
Tungsten	7440-33-7	E464	0.1	mg/kg	<0.10	----
Uranium	7440-61-1	E464	0.02	mg/kg	<0.020	----
Vanadium	7440-62-2	E464	0.1	mg/kg	<0.10	----
Zinc	7440-66-6	E464	0.5	mg/kg	<0.50	----
Zirconium	7440-67-7	E464	0.3	mg/kg	<0.30	----
Metals(QC Lot: 2546562)						
Mercury	7439-97-6	E524	0.0313	mg/kg	<0.031	----
Aggregate Organics(QC Lot: 2548184)						
Lipid content	----	E145	0.5	% wwt	<0.50	----

Sub-Matrix: Biota

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Aggregate Organics(QC Lot: 2552665)						
Lipid content	----	E145	0.5	% wwt	<0.50	----
Polychlorinated Biphenyls(QC Lot: 2526235)						
PCB 001	2051-60-7	XE781A	2	pg/g wwt	<2.0	[U],F,M
PCB 002	2051-61-8	XE781A	2	pg/g wwt	<2.0	[U]
PCB 003	2051-62-9	XE781A	5	pg/g wwt	<5.0	[U],F,M
PCB 004	13029-08-8	XE781A	5	pg/g wwt	<5.0	[U]
PCB 005	16605-91-7	XE781A	2	pg/g wwt	<2.0	[U]
PCB 006	25569-80-6	XE781A	2	pg/g wwt	<2.0	[U],F,M
PCB 007	33284-50-3	XE781A	2	pg/g wwt	<2.0	[U]
PCB 008	34883-43-7	XE781A	5	pg/g wwt	<5.0	[U],F,M
PCB 009	34883-39-1	XE781A	2	pg/g wwt	<2.0	[U]
PCB 010	33146-45-1	XE781A	5	pg/g wwt	<5.0	[U]
PCB 011	2050-67-1	XE781A	25	pg/g wwt	<25	----
PCB 012+013	n/a	XE781A	5	pg/g wwt	<5.0	[U],M
PCB 014	34883-41-5	XE781A	2	pg/g wwt	<2.0	[U]
PCB 015	2050-68-2	XE781A	5	pg/g wwt	<5.0	[U],F,M
PCB 016	38444-78-9	XE781A	2	pg/g wwt	<2.0	[J],M
PCB 017	37680-66-3	XE781A	2	pg/g wwt	<2.0	[U],F
PCB 018+030	----	XE781A	5	pg/g wwt	<5.0	[U],F,M
PCB 019	38444-73-4	XE781A	2	pg/g wwt	<2.0	[U]
PCB 020+028	----	XE781A	5	pg/g wwt	<5.0	[J],M
PCB 021+033	----	XE781A	5	pg/g wwt	<5.0	[U],F
PCB 022	38444-85-8	XE781A	2	pg/g wwt	<2.0	[U]
PCB 023	55720-44-0	XE781A	2	pg/g wwt	<2.0	[U]
PCB 024	55702-45-9	XE781A	2	pg/g wwt	<2.0	[U]
PCB 025	55712-37-3	XE781A	2	pg/g wwt	<2.0	[U]
PCB 026+029	----	XE781A	5	pg/g wwt	<5.0	[U]
PCB 027	38444-76-7	XE781A	2	pg/g wwt	<2.0	[U]
PCB 031	16606-02-3	XE781A	5	pg/g wwt	<5.0	[J]
PCB 032	38444-77-8	XE781A	2	pg/g wwt	<2.0	[U],F,M
PCB 034	37680-68-5	XE781A	2	pg/g wwt	<2.0	[U]
PCB 035	37680-69-6	XE781A	2	pg/g wwt	<2.0	[U]
PCB 036	38444-87-0	XE781A	2	pg/g wwt	<2.0	[U]
PCB 037	38444-90-5	XE781A	2	pg/g wwt	<2.0	[J],M
PCB 038	53555-66-1	XE781A	2	pg/g wwt	<2.0	[U]
PCB 039	38444-88-1	XE781A	2	pg/g wwt	<2.0	[U]
PCB 040+041+071	----	XE781A	10	pg/g wwt	<10	[U]
PCB 042	36559-22-5	XE781A	5	pg/g wwt	<5.0	[U]

Sub-Matrix: Biota

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Polychlorinated Biphenyls(QC Lot: 2526235)						
PCB 043	70362-46-8	XE781A	5	pg/g wwt	<5.0	[U]
PCB 044+047+065	----	XE781A	10	pg/g wwt	<10	[U],F
PCB 045+051	----	XE781A	5	pg/g wwt	<5.0	[U]
PCB 046	41464-47-5	XE781A	2	pg/g wwt	<2.0	[U]
PCB 048	70362-47-9	XE781A	5	pg/g wwt	<5.0	[U]
PCB 049+069	----	XE781A	10	pg/g wwt	<10	[U],F,M
PCB 050+053	----	XE781A	10	pg/g wwt	<10	[U]
PCB 052	35693-99-3	XE781A	5	pg/g wwt	<5.0	[U],F
PCB 054	15968-05-5	XE781A	5	pg/g wwt	<5.0	[U]
PCB 055	74338-24-2	XE781A	5	pg/g wwt	<5.0	[U]
PCB 056	41464-43-1	XE781A	5	pg/g wwt	<5.0	[U]
PCB 057	70424-67-8	XE781A	10	pg/g wwt	<10	[U]
PCB 058	41464-49-7	XE781A	5	pg/g wwt	<5.0	[U]
PCB 059+062+075	----	XE781A	10	pg/g wwt	<10	[U]
PCB 060	33025-41-1	XE781A	5	pg/g wwt	<5.0	[U]
PCB 061+070+074+076	----	XE781A	20	pg/g wwt	<20	[J],M
PCB 063	74472-34-7	XE781A	5	pg/g wwt	<5.0	[U]
PCB 064	52663-58-8	XE781A	5	pg/g wwt	<5.0	[U],F,M
PCB 066	32598-10-0	XE781A	5	pg/g wwt	<5.0	[U]
PCB 067	73575-53-8	XE781A	5	pg/g wwt	<5.0	[U]
PCB 068	73575-52-7	XE781A	5	pg/g wwt	<5.0	[U]
PCB 072	41464-42-0	XE781A	5	pg/g wwt	<5.0	[U]
PCB 073	74338-23-1	XE781A	5	pg/g wwt	<5.0	[U]
PCB 077	32598-13-3	XE781A	5	pg/g wwt	<5.0	[U]
PCB 078	70362-49-1	XE781A	5	pg/g wwt	<5.0	[U]
PCB 079	41464-48-6	XE781A	5	pg/g wwt	<5.0	[U]
PCB 080	33284-52-5	XE781A	5	pg/g wwt	<5.0	[U]
PCB 081	70362-50-4	XE781A	5	pg/g wwt	<5.0	[U]
PCB 082	52663-62-4	XE781A	5	pg/g wwt	<5.0	[U]
PCB 083+099	----	XE781A	20	pg/g wwt	<20	[J],M
PCB 084	52663-60-2	XE781A	5	pg/g wwt	<5.0	[U]
PCB 085+110+115+116+117	----	XE781A	5	pg/g wwt	<5.0	[U],F,M
PCB 086+087+097+109+119+125	----	XE781A	20	pg/g wwt	<20	[U],F,M
PCB 088+091	----	XE781A	5	pg/g wwt	<5.0	[U]
PCB 089	73575-57-2	XE781A	5	pg/g wwt	<5.0	[U]
PCB 090+101+113	----	XE781A	20	pg/g wwt	<20	[J]
PCB 092	52663-61-3	XE781A	5	pg/g wwt	<5.0	[U]
PCB 093+098+100+102	----	XE781A	20	pg/g wwt	<20	[U]

Sub-Matrix: Biota

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Polychlorinated Biphenyls(QC Lot: 2526235)						
PCB 094	73575-55-0	XE781A	20	pg/g wwt	<20	[U]
PCB 095	38379-99-6	XE781A	5	pg/g wwt	<5.0	[U],F
PCB 096	73575-54-9	XE781A	20	pg/g wwt	<20	[U]
PCB 103	60145-21-3	XE781A	5	pg/g wwt	<5.0	[U]
PCB 104	56558-16-8	XE781A	5	pg/g wwt	<5.0	[U]
PCB 105	32598-14-4	XE781A	5	pg/g wwt	<5.0	[U],F
PCB 106	70424-69-0	XE781A	5	pg/g wwt	<5.0	[U]
PCB 107	70424-68-9	XE781A	5	pg/g wwt	<5.0	[U]
PCB 108+124	----	XE781A	10	pg/g wwt	<10	[U]
PCB 111	39635-32-0	XE781A	5	pg/g wwt	<5.0	[U]
PCB 112	74472-36-9	XE781A	5	pg/g wwt	<5.0	[U]
PCB 114	74472-37-0	XE781A	5	pg/g wwt	<5.0	[U]
PCB 118	31508-00-6	XE781A	10	pg/g wwt	<10	[J],M
PCB 120	68194-12-7	XE781A	5	pg/g wwt	<5.0	[U]
PCB 121	56558-18-0	XE781A	5	pg/g wwt	<5.0	[U]
PCB 122	76842-07-4	XE781A	5	pg/g wwt	<5.0	[U]
PCB 123	65510-44-3	XE781A	5	pg/g wwt	<5.0	[J]
PCB 126	57465-28-8	XE781A	5	pg/g wwt	<5.0	[U],F
PCB 127	39635-33-1	XE781A	5	pg/g wwt	<5.0	[U]
PCB 128+166	----	XE781A	10	pg/g wwt	<10	[U]
PCB 129+138+163	----	XE781A	10	pg/g wwt	<10	[U],F
PCB 130	52663-66-8	XE781A	5	pg/g wwt	<5.0	[U]
PCB 131	61798-70-7	XE781A	5	pg/g wwt	<5.0	[U]
PCB 132	38380-05-1	XE781A	5	pg/g wwt	<5.0	[U],F,M
PCB 133	35694-04-3	XE781A	5	pg/g wwt	<5.0	[U]
PCB 134+143	----	XE781A	10	pg/g wwt	<10	[U]
PCB 135+151	----	XE781A	10	pg/g wwt	<10	[U]
PCB 136	38411-22-2	XE781A	5	pg/g wwt	<5.0	[U]
PCB 137+164	----	XE781A	5	pg/g wwt	<5.0	[U]
PCB 139+140	----	XE781A	10	pg/g wwt	<10	[U]
PCB 141	52712-04-6	XE781A	5	pg/g wwt	<5.0	[U]
PCB 142	41411-61-4	XE781A	5	pg/g wwt	<5.0	[U]
PCB 144	68194-14-9	XE781A	5	pg/g wwt	<5.0	[U]
PCB 145	74472-40-5	XE781A	5	pg/g wwt	<5.0	[U]
PCB 146	51908-16-8	XE781A	5	pg/g wwt	<5.0	[U]
PCB 147+149	----	XE781A	10	pg/g wwt	<10	[U],F
PCB 148	74472-41-6	XE781A	5	pg/g wwt	<5.0	[U]
PCB 150	68194-08-1	XE781A	5	pg/g wwt	<5.0	[U]

Sub-Matrix: Biota

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Polychlorinated Biphenyls(QC Lot: 2526235)						
PCB 152	68194-09-2	XE781A	5	pg/g wwt	<5.0	[U]
PCB 153+168	----	XE781A	10	pg/g wwt	<10	[U],F
PCB 154	60145-22-4	XE781A	10	pg/g wwt	<10	[U]
PCB 155	33979-03-2	XE781A	5	pg/g wwt	<5.0	[U]
PCB 156+157	----	XE781A	10	pg/g wwt	<10	[U],F
PCB 158	74472-42-7	XE781A	5	pg/g wwt	<5.0	[U]
PCB 159	39635-35-3	XE781A	5	pg/g wwt	<5.0	[U]
PCB 160	41411-62-5	XE781A	10	pg/g wwt	<10	[U]
PCB 161	74472-43-8	XE781A	5	pg/g wwt	<5.0	[U]
PCB 162	39635-34-2	XE781A	5	pg/g wwt	<5.0	[U]
PCB 165	74472-46-1	XE781A	5	pg/g wwt	<5.0	[U]
PCB 167	52663-72-6	XE781A	5	pg/g wwt	<5.0	[U]
PCB 169	32774-16-6	XE781A	5	pg/g wwt	<5.0	[J]
PCB 170	35065-30-6	XE781A	5	pg/g wwt	<5.0	[U]
PCB 171+173	----	XE781A	20	pg/g wwt	<20	[U]
PCB 172	52663-74-8	XE781A	5	pg/g wwt	<5.0	[U]
PCB 174	38411-25-5	XE781A	5	pg/g wwt	<5.0	[U]
PCB 175	40186-70-7	XE781A	5	pg/g wwt	<5.0	[U]
PCB 176	52663-65-7	XE781A	5	pg/g wwt	<5.0	[U]
PCB 177	52663-70-4	XE781A	5	pg/g wwt	<5.0	[U]
PCB 178	52663-67-9	XE781A	5	pg/g wwt	<5.0	[U]
PCB 179	52663-64-6	XE781A	5	pg/g wwt	<5.0	[U]
PCB 180+193	----	XE781A	10	pg/g wwt	<10	[U]
PCB 181	74472-47-2	XE781A	20	pg/g wwt	<20	[U]
PCB 182	60145-23-5	XE781A	5	pg/g wwt	<5.0	[U]
PCB 183	52663-69-1	XE781A	10	pg/g wwt	<10	[U]
PCB 184	74472-48-3	XE781A	5	pg/g wwt	<5.0	[U]
PCB 185	52712-05-7	XE781A	10	pg/g wwt	<10	[U]
PCB 186	74472-49-4	XE781A	5	pg/g wwt	<5.0	[U]
PCB 187	52663-68-0	XE781A	5	pg/g wwt	<5.0	[U]
PCB 188	74487-85-7	XE781A	5	pg/g wwt	<5.0	[U]
PCB 189	39635-31-9	XE781A	5	pg/g wwt	<5.0	[U],F,M
PCB 190	41411-64-7	XE781A	5	pg/g wwt	<5.0	[U]
PCB 191	74472-50-7	XE781A	5	pg/g wwt	<5.0	[U]
PCB 192	74472-51-8	XE781A	20	pg/g wwt	<20	[U]
PCB 194	35694-08-7	XE781A	5	pg/g wwt	<5.0	[U],F,M
PCB 195	52663-78-2	XE781A	5	pg/g wwt	<5.0	[U]
PCB 196	42740-50-1	XE781A	5	pg/g wwt	<5.0	[J],M

Sub-Matrix: Biota

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Polychlorinated Biphenyls(QC Lot: 2526235)						
PCB 197	33091-17-7	XE781A	10	pg/g wwt	<10	[U]
PCB 198+199	----	XE781A	10	pg/g wwt	<10	[U]
PCB 200	52663-73-7	XE781A	10	pg/g wwt	<10	[U]
PCB 201	40186-71-8	XE781A	5	pg/g wwt	<5.0	[U],M
PCB 202	2136-99-4	XE781A	10	pg/g wwt	<10	[U],F,M
PCB 203	52663-76-0	XE781A	5	pg/g wwt	<5.0	[U]
PCB 204	74472-52-9	XE781A	5	pg/g wwt	<5.0	[U]
PCB 205	74472-53-0	XE781A	5	pg/g wwt	<5.0	[U],F,M
PCB 206	40186-72-9	XE781A	5	pg/g wwt	<5.0	[U]
PCB 207	52663-79-3	XE781A	5	pg/g wwt	<5.0	[U]
PCB 208	52663-77-1	XE781A	5	pg/g wwt	<5.0	[U]
PCB 209	2051-24-3	XE781A	10	pg/g wwt	<10	[U]
Polychlorinated Biphenyls(QC Lot: 2551069)						
PCB 001	2051-60-7	XE781A	2	pg/g wwt	<2.0	[U]
PCB 002	2051-61-8	XE781A	2	pg/g wwt	<2.0	[U],F
PCB 003	2051-62-9	XE781A	5	pg/g wwt	<5.0	[U]
PCB 004	13029-08-8	XE781A	5	pg/g wwt	<5.0	[U]
PCB 005	16605-91-7	XE781A	2	pg/g wwt	<2.0	[U]
PCB 006	25569-80-6	XE781A	2	pg/g wwt	<2.0	[U]
PCB 007	33284-50-3	XE781A	2	pg/g wwt	<2.0	[U]
PCB 008	34883-43-7	XE781A	5	pg/g wwt	<5.0	[U],F,M
PCB 009	34883-39-1	XE781A	2	pg/g wwt	<2.0	[U]
PCB 010	33146-45-1	XE781A	5	pg/g wwt	<5.0	[U]
PCB 011	2050-67-1	XE781A	25	pg/g wwt	<25	----
PCB 012+013	n/a	XE781A	5	pg/g wwt	<5.0	[U]
PCB 014	34883-41-5	XE781A	2	pg/g wwt	<2.0	[U]
PCB 015	2050-68-2	XE781A	5	pg/g wwt	<5.0	[U]
PCB 016	38444-78-9	XE781A	2	pg/g wwt	<2.0	M
PCB 017	37680-66-3	XE781A	2	pg/g wwt	<2.0	[J],M
PCB 018+030	----	XE781A	5	pg/g wwt	<5.0	----
PCB 019	38444-73-4	XE781A	2	pg/g wwt	<2.0	[U]
PCB 020+028	----	XE781A	5	pg/g wwt	<5.0	M
PCB 021+033	----	XE781A	5	pg/g wwt	<5.0	[J],M
PCB 022	38444-85-8	XE781A	2	pg/g wwt	<2.0	[U],M
PCB 023	55720-44-0	XE781A	2	pg/g wwt	<2.0	[U]
PCB 024	55702-45-9	XE781A	2	pg/g wwt	<2.0	[U]
PCB 025	55712-37-3	XE781A	2	pg/g wwt	<2.0	[U]
PCB 026+029	----	XE781A	5	pg/g wwt	<5.0	[U]

Sub-Matrix: Biota

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Polychlorinated Biphenyls(QC Lot: 2551069)						
PCB 027	38444-76-7	XE781A	2	pg/g wwt	<2.0	[U],F,M
PCB 031	16606-02-3	XE781A	5	pg/g wwt	<5.0	----
PCB 032	38444-77-8	XE781A	2	pg/g wwt	<2.0	[U]
PCB 034	37680-68-5	XE781A	2	pg/g wwt	<2.0	[U]
PCB 035	37680-69-6	XE781A	2	pg/g wwt	<2.0	[U]
PCB 036	38444-87-0	XE781A	2	pg/g wwt	<2.0	[U]
PCB 037	38444-90-5	XE781A	2	pg/g wwt	<2.0	[U]
PCB 038	53555-66-1	XE781A	2	pg/g wwt	<2.0	[U]
PCB 039	38444-88-1	XE781A	2	pg/g wwt	<2.0	[U]
PCB 040+041+071	----	XE781A	10	pg/g wwt	<10	[U]
PCB 042	36559-22-5	XE781A	5	pg/g wwt	<5.0	[U]
PCB 043	70362-46-8	XE781A	5	pg/g wwt	<5.0	[U]
PCB 044+047+065	----	XE781A	10	pg/g wwt	<10	----
PCB 045+051	----	XE781A	5	pg/g wwt	<5.0	----
PCB 046	41464-47-5	XE781A	2	pg/g wwt	<2.0	[U]
PCB 048	70362-47-9	XE781A	5	pg/g wwt	<5.0	[U]
PCB 049+069	----	XE781A	10	pg/g wwt	<10	[U],F,M
PCB 050+053	----	XE781A	10	pg/g wwt	<10	[U]
PCB 052	35693-99-3	XE781A	5	pg/g wwt	<5.0	----
PCB 054	15968-05-5	XE781A	5	pg/g wwt	<5.0	[U]
PCB 055	74338-24-2	XE781A	5	pg/g wwt	<5.0	[U]
PCB 056	41464-43-1	XE781A	5	pg/g wwt	<5.0	[U]
PCB 057	70424-67-8	XE781A	10	pg/g wwt	<10	[U]
PCB 058	41464-49-7	XE781A	5	pg/g wwt	<5.0	[U]
PCB 059+062+075	----	XE781A	10	pg/g wwt	<10	[U]
PCB 060	33025-41-1	XE781A	5	pg/g wwt	<5.0	[U]
PCB 061+070+074+076	----	XE781A	20	pg/g wwt	<20	M
PCB 063	74472-34-7	XE781A	5	pg/g wwt	<5.0	[U]
PCB 064	52663-58-8	XE781A	5	pg/g wwt	<5.0	[J]
PCB 066	32598-10-0	XE781A	5	pg/g wwt	<5.0	[U],F
PCB 067	73575-53-8	XE781A	5	pg/g wwt	<5.0	[U]
PCB 068	73575-52-7	XE781A	5	pg/g wwt	<5.0	[J],M
PCB 072	41464-42-0	XE781A	5	pg/g wwt	<5.0	[U]
PCB 073	74338-23-1	XE781A	5	pg/g wwt	<5.0	[U]
PCB 077	32598-13-3	XE781A	5	pg/g wwt	<5.0	[U]
PCB 078	70362-49-1	XE781A	5	pg/g wwt	<5.0	[U]
PCB 079	41464-48-6	XE781A	5	pg/g wwt	<5.0	[U]
PCB 080	33284-52-5	XE781A	5	pg/g wwt	<5.0	[U]

Sub-Matrix: Biota

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Polychlorinated Biphenyls(QC Lot: 2551069)						
PCB 081	70362-50-4	XE781A	5	pg/g wwt	<5.0	[U]
PCB 082	52663-62-4	XE781A	5	pg/g wwt	<5.0	[U]
PCB 083+099	----	XE781A	20	pg/g wwt	<20	[U],F,M
PCB 084	52663-60-2	XE781A	5	pg/g wwt	<5.0	[U]
PCB 085+110+115+116+117	----	XE781A	5	pg/g wwt	<5.0	M
PCB 086+087+097+109+119+125	----	XE781A	20	pg/g wwt	<20	[J],M
PCB 088+091	----	XE781A	5	pg/g wwt	<5.0	[U]
PCB 089	73575-57-2	XE781A	5	pg/g wwt	<5.0	[U]
PCB 090+101+113	----	XE781A	20	pg/g wwt	<20	[U],F,M
PCB 092	52663-61-3	XE781A	5	pg/g wwt	<5.0	[U]
PCB 093+098+100+102	----	XE781A	20	pg/g wwt	<20	[U]
PCB 094	73575-55-0	XE781A	20	pg/g wwt	<20	[U]
PCB 095	38379-99-6	XE781A	5	pg/g wwt	<5.0	M
PCB 096	73575-54-9	XE781A	20	pg/g wwt	<20	[U]
PCB 103	60145-21-3	XE781A	5	pg/g wwt	<5.0	[U]
PCB 104	56558-16-8	XE781A	5	pg/g wwt	<5.0	[U]
PCB 105	32598-14-4	XE781A	5	pg/g wwt	<5.0	[U]
PCB 106	70424-69-0	XE781A	5	pg/g wwt	<5.0	[U]
PCB 107	70424-68-9	XE781A	5	pg/g wwt	<5.0	[U]
PCB 108+124	----	XE781A	10	pg/g wwt	<10	[U]
PCB 111	39635-32-0	XE781A	5	pg/g wwt	<5.0	[U]
PCB 112	74472-36-9	XE781A	5	pg/g wwt	<5.0	[U]
PCB 114	74472-37-0	XE781A	5	pg/g wwt	<5.0	[U]
PCB 118	31508-00-6	XE781A	10	pg/g wwt	<10	[U]
PCB 120	68194-12-7	XE781A	5	pg/g wwt	<5.0	[U]
PCB 121	56558-18-0	XE781A	5	pg/g wwt	<5.0	[U]
PCB 122	76842-07-4	XE781A	5	pg/g wwt	<5.0	[U]
PCB 123	65510-44-3	XE781A	5	pg/g wwt	<5.0	[U]
PCB 126	57465-28-8	XE781A	5	pg/g wwt	<5.0	[U]
PCB 127	39635-33-1	XE781A	5	pg/g wwt	<5.0	[U]
PCB 128+166	----	XE781A	10	pg/g wwt	<10	[U]
PCB 129+138+163	----	XE781A	10	pg/g wwt	<10	[U],M
PCB 130	52663-66-8	XE781A	5	pg/g wwt	<5.0	[U]
PCB 131	61798-70-7	XE781A	5	pg/g wwt	<5.0	[U]
PCB 132	38380-05-1	XE781A	5	pg/g wwt	<5.0	[J]
PCB 133	35694-04-3	XE781A	5	pg/g wwt	<5.0	[U]
PCB 134+143	----	XE781A	10	pg/g wwt	<10	[U]
PCB 135+151	----	XE781A	10	pg/g wwt	<10	[J],M

Sub-Matrix: Biota

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Polychlorinated Biphenyls(QC Lot: 2551069)						
PCB 136	38411-22-2	XE781A	5	pg/g wwt	<5.0	[U],M
PCB 137+164	----	XE781A	5	pg/g wwt	<5.0	[U]
PCB 139+140	----	XE781A	10	pg/g wwt	<10	[U]
PCB 141	52712-04-6	XE781A	5	pg/g wwt	<5.0	[U]
PCB 142	41411-61-4	XE781A	5	pg/g wwt	<5.0	[U]
PCB 144	68194-14-9	XE781A	5	pg/g wwt	<5.0	[U]
PCB 145	74472-40-5	XE781A	5	pg/g wwt	<5.0	[U]
PCB 146	51908-16-8	XE781A	5	pg/g wwt	<5.0	[U]
PCB 147+149	----	XE781A	10	pg/g wwt	<10	[U]
PCB 148	74472-41-6	XE781A	5	pg/g wwt	<5.0	[U]
PCB 150	68194-08-1	XE781A	5	pg/g wwt	<5.0	[U]
PCB 152	68194-09-2	XE781A	5	pg/g wwt	<5.0	[U]
PCB 153+168	----	XE781A	10	pg/g wwt	<10	[U],F,M
PCB 154	60145-22-4	XE781A	10	pg/g wwt	<10	[U]
PCB 155	33979-03-2	XE781A	5	pg/g wwt	<5.0	[U]
PCB 156+157	----	XE781A	10	pg/g wwt	<10	[U]
PCB 158	74472-42-7	XE781A	5	pg/g wwt	<5.0	[U]
PCB 159	39635-35-3	XE781A	5	pg/g wwt	<5.0	[U]
PCB 160	41411-62-5	XE781A	10	pg/g wwt	<10	[U]
PCB 161	74472-43-8	XE781A	5	pg/g wwt	<5.0	[U]
PCB 162	39635-34-2	XE781A	5	pg/g wwt	<5.0	[U]
PCB 165	74472-46-1	XE781A	5	pg/g wwt	<5.0	[U]
PCB 167	52663-72-6	XE781A	5	pg/g wwt	<5.0	[U]
PCB 169	32774-16-6	XE781A	5	pg/g wwt	<5.0	[U]
PCB 170	35065-30-6	XE781A	5	pg/g wwt	<5.0	[U]
PCB 171+173	----	XE781A	20	pg/g wwt	<20	[U]
PCB 172	52663-74-8	XE781A	5	pg/g wwt	<5.0	[U]
PCB 174	38411-25-5	XE781A	5	pg/g wwt	<5.0	[U]
PCB 175	40186-70-7	XE781A	5	pg/g wwt	<5.0	[U]
PCB 176	52663-65-7	XE781A	5	pg/g wwt	<5.0	[U]
PCB 177	52663-70-4	XE781A	5	pg/g wwt	<5.0	[U],M
PCB 178	52663-67-9	XE781A	5	pg/g wwt	<5.0	[U]
PCB 179	52663-64-6	XE781A	5	pg/g wwt	<5.0	[U],M
PCB 180+193	----	XE781A	10	pg/g wwt	<10	[U],M
PCB 181	74472-47-2	XE781A	20	pg/g wwt	<20	[U]
PCB 182	60145-23-5	XE781A	5	pg/g wwt	<5.0	[U]
PCB 183	52663-69-1	XE781A	10	pg/g wwt	<10	[U],M
PCB 184	74472-48-3	XE781A	5	pg/g wwt	<5.0	[U],M

Sub-Matrix: Biota

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Polychlorinated Biphenyls(QC Lot: 2551069)						
PCB 185	52712-05-7	XE781A	10	pg/g wwt	<10	[U],M
PCB 186	74472-49-4	XE781A	5	pg/g wwt	<5.0	[U]
PCB 187	52663-68-0	XE781A	5	pg/g wwt	<5.0	[U]
PCB 188	74487-85-7	XE781A	5	pg/g wwt	<5.0	[U]
PCB 189	39635-31-9	XE781A	5	pg/g wwt	<5.0	[U]
PCB 190	41411-64-7	XE781A	5	pg/g wwt	<5.0	[U]
PCB 191	74472-50-7	XE781A	5	pg/g wwt	<5.0	[U]
PCB 192	74472-51-8	XE781A	20	pg/g wwt	<20	[U]
PCB 194	35694-08-7	XE781A	5	pg/g wwt	<5.0	[U],M
PCB 195	52663-78-2	XE781A	5	pg/g wwt	<5.0	[U]
PCB 196	42740-50-1	XE781A	5	pg/g wwt	<5.0	[U]
PCB 197	33091-17-7	XE781A	10	pg/g wwt	<10	[U]
PCB 198+199	----	XE781A	10	pg/g wwt	<10	[U]
PCB 200	52663-73-7	XE781A	10	pg/g wwt	<10	[U]
PCB 201	40186-71-8	XE781A	5	pg/g wwt	<5.0	[U]
PCB 202	2136-99-4	XE781A	10	pg/g wwt	<10	[U]
PCB 203	52663-76-0	XE781A	5	pg/g wwt	<5.0	[U]
PCB 204	74472-52-9	XE781A	5	pg/g wwt	<5.0	[U]
PCB 205	74472-53-0	XE781A	5	pg/g wwt	<5.0	[U]
PCB 206	40186-72-9	XE781A	5	pg/g wwt	<5.0	[U]
PCB 207	52663-79-3	XE781A	5	pg/g wwt	<5.0	[U]
PCB 208	52663-77-1	XE781A	5	pg/g wwt	<5.0	[U]
PCB 209	2051-24-3	XE781A	10	pg/g wwt	<10	[U]

Sub-Matrix: Food

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Polychlorinated Dibenzo(p)dioxins(QC Lot: 2526213)						
HpCDD, 1,2,3,4,6,7,8-	35822-46-9	XE785F	10	pg/g wwt	<10	[U],F,M
HxCDD, 1,2,3,4,7,8-	39227-28-6	XE785F	10	pg/g wwt	<10	[J],F,M
HxCDD, 1,2,3,6,7,8-	57653-85-7	XE785F	10	pg/g wwt	<10	[U],F,M
HxCDD, 1,2,3,7,8,9-	19408-74-3	XE785F	10	pg/g wwt	<10	[U],F,M
OCDD	3268-87-9	XE785F	20	pg/g wwt	<20	[J],M
PeCDD, 1,2,3,7,8-	40321-76-4	XE785F	10	pg/g wwt	<10	[U],F,M
TCDD, 2,3,7,8-	1746-01-6	XE785F	10	pg/g wwt	<10	[U],F,M
Polychlorinated Dibenzo(p)dioxins(QC Lot: 2551078)						
HpCDD, 1,2,3,4,6,7,8-	35822-46-9	XE785F	10	pg/g wwt	<10	[U]

Sub-Matrix: Food

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Polychlorinated Dibenzo(p)dioxins(QC Lot: 2551078)						
HxCDD, 1,2,3,4,7,8-	39227-28-6	XE785F	10	pg/g wwt	<10	[U]
HxCDD, 1,2,3,6,7,8-	57653-85-7	XE785F	10	pg/g wwt	<10	[U]
HxCDD, 1,2,3,7,8,9-	19408-74-3	XE785F	10	pg/g wwt	<10	[U]
OCDD	3268-87-9	XE785F	20	pg/g wwt	<20	[U]
PeCDD, 1,2,3,7,8-	40321-76-4	XE785F	10	pg/g wwt	<10	[U]
TCDD, 2,3,7,8-	1746-01-6	XE785F	10	pg/g wwt	<10	[U]
Polychlorinated Dibenzofurans(QC Lot: 2526213)						
HpCDF, 1,2,3,4,6,7,8-	67562-39-4	XE785F	10	pg/g wwt	<10	[J],F,M
HpCDF, 1,2,3,4,7,8,9-	55673-89-7	XE785F	10	pg/g wwt	<10	[J],F,M
HxCDF, 1,2,3,4,7,8-	70648-26-9	XE785F	10	pg/g wwt	<10	[U]
HxCDF, 1,2,3,6,7,8-	57117-44-9	XE785F	10	pg/g wwt	<10	[U]
HxCDF, 1,2,3,7,8,9-	72918-21-9	XE785F	10	pg/g wwt	<10	[U]
HxCDF, 2,3,4,6,7,8-	60851-34-5	XE785F	10	pg/g wwt	<10	[U],F
OCDF	39001-02-0	XE785F	20	pg/g wwt	<20	[U],F
PeCDF, 1,2,3,7,8-	57117-41-6	XE785F	10	pg/g wwt	<10	[U],F,M
PeCDF, 2,3,4,7,8-	57117-31-4	XE785F	10	pg/g wwt	<10	[J],F
TCDF, 2,3,7,8-	51207-31-9	XE785F	10	pg/g wwt	<10	[J],F,M
Polychlorinated Dibenzofurans(QC Lot: 2551078)						
HpCDF, 1,2,3,4,6,7,8-	67562-39-4	XE785F	10	pg/g wwt	<10	[U]
HpCDF, 1,2,3,4,7,8,9-	55673-89-7	XE785F	10	pg/g wwt	<10	[U]
HxCDF, 1,2,3,4,7,8-	70648-26-9	XE785F	10	pg/g wwt	<10	[U]
HxCDF, 1,2,3,6,7,8-	57117-44-9	XE785F	10	pg/g wwt	<10	[U]
HxCDF, 1,2,3,7,8,9-	72918-21-9	XE785F	10	pg/g wwt	<10	[U]
HxCDF, 2,3,4,6,7,8-	60851-34-5	XE785F	10	pg/g wwt	<10	[U]
OCDF	39001-02-0	XE785F	20	pg/g wwt	<20	[U]
PeCDF, 1,2,3,7,8-	57117-41-6	XE785F	10	pg/g wwt	<10	[U]
PeCDF, 2,3,4,7,8-	57117-31-4	XE785F	10	pg/g wwt	<10	[U]
TCDF, 2,3,7,8-	51207-31-9	XE785F	10	pg/g wwt	<10	[U]
Dioxin-like Polychlorinated Biphenyls(QC Lot: 2526213)						
PCB 077	32598-13-3	XE785F	10	pg/g wwt	<10	[J],M
PCB 081	70362-50-4	XE785F	10	pg/g wwt	<10	[J],M
PCB 105	32598-14-4	XE785F	10	pg/g wwt	<10	[J],F,M
PCB 114	74472-37-0	XE785F	10	pg/g wwt	<10	[U]
PCB 123	65510-44-3	XE785F	10	pg/g wwt	<10	[U]
PCB 126	57465-28-8	XE785F	10	pg/g wwt	<10	[U]
PCB 156	38380-08-4	XE785F	10	pg/g wwt	<10	[J],M
PCB 157	69782-90-7	XE785F	10	pg/g wwt	<10	[J],F
PCB 167	52663-72-6	XE785F	10	pg/g wwt	<10	[U],M

Sub-Matrix: Food

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Dioxin-like Polychlorinated Biphenyls(QC Lot: 2526213)						
PCB 169	32774-16-6	XE785F	10	pg/g wwt	<10	[U],F,M
PCB 189	39635-31-9	XE785F	10	pg/g wwt	<10	[J],F,M
Dioxin-like Polychlorinated Biphenyls(QC Lot: 2551078)						
PCB 077	32598-13-3	XE785F	10	pg/g wwt	<10	[U]
PCB 081	70362-50-4	XE785F	10	pg/g wwt	<10	[U]
PCB 105	32598-14-4	XE785F	10	pg/g wwt	<10	[U]
PCB 114	74472-37-0	XE785F	10	pg/g wwt	<10	[U]
PCB 123	65510-44-3	XE785F	10	pg/g wwt	<10	[U]
PCB 126	57465-28-8	XE785F	10	pg/g wwt	<10	[U]
PCB 156	38380-08-4	XE785F	10	pg/g wwt	<10	[U]
PCB 157	69782-90-7	XE785F	10	pg/g wwt	<10	[U]
PCB 167	52663-72-6	XE785F	10	pg/g wwt	<10	[U]
PCB 169	32774-16-6	XE785F	10	pg/g wwt	<10	[U]
PCB 189	39635-31-9	XE785F	10	pg/g wwt	<10	[U]
Marker Polychlorinated Biphenyls(QC Lot: 2526213)						
PCB 028	7012-37-5	XE785F	10	pg/g wwt	<10	----
PCB 052	35693-99-3	XE785F	10	pg/g wwt	<10	----
PCB 101	37680-73-2	XE785F	10	pg/g wwt	<10	M
PCB 118	31508-00-6	XE785F	20	pg/g wwt	<20	[J]
PCB 138	35065-28-2	XE785F	10	pg/g wwt	<10	[J],F
PCB 153	35065-27-1	XE785F	10	pg/g wwt	<10	[J]
PCB 180	35065-29-3	XE785F	10	pg/g wwt	<10	[U],F,M
Marker Polychlorinated Biphenyls(QC Lot: 2551078)						
PCB 028	7012-37-5	XE785F	10	pg/g wwt	<10	----
PCB 052	35693-99-3	XE785F	10	pg/g wwt	<10	[J]
PCB 101	37680-73-2	XE785F	10	pg/g wwt	<10	[J]
PCB 118	31508-00-6	XE785F	20	pg/g wwt	<20	[U],F
PCB 138	35065-28-2	XE785F	10	pg/g wwt	<10	[J]
PCB 153	35065-27-1	XE785F	10	pg/g wwt	<10	[U]
PCB 180	35065-29-3	XE785F	10	pg/g wwt	<10	[U]

Dioxins and Furans Extraction Standards(QC Lot: 2526213)			Result	Target	%Rec.	Surr. Limits	
HpCDD-13C12, 1,2,3,4,6,7,8-	109719-83-7	XE785F	163 pg/g wwt	33.300 pg/g wwt	82.0	15-140 %	----
HpCDF-13C12, 1,2,3,4,6,7,8-	67562-39-4	XE785F	175 pg/g wwt	33.300 pg/g wwt	88.0	15-140 %	----
HpCDF-13C12, 1,2,3,4,7,8,9-	55673-89-7	XE785F	152 pg/g wwt	33.300 pg/g wwt	76.5	15-140 %	----
HxCDD-13C12, 1,2,3,4,7,8-	109719-80-4	XE785F	159 pg/g wwt	33.300 pg/g wwt	79.8	30-140 %	----
HxCDD-13C12, 1,2,3,6,7,8-	109719-81-5	XE785F	157 pg/g wwt	33.300 pg/g wwt	79.0	30-140 %	----

Dioxins and Furans Extraction Standards(QC Lot: 2526213)							
HxCDD-13C12, 1,2,3,7,8,9-	109719-82-6	XE785F	142 pg/g wwt	33.300 pg/g wwt	71.4	30-140 %	----
HxCDF-13C12, 1,2,3,4,7,8-	114423-98-2	XE785F	166 pg/g wwt	33.300 pg/g wwt	83.5	30-140 %	----
HxCDF-13C12, 1,2,3,6,7,8-	116843-03-9	XE785F	162 pg/g wwt	33.300 pg/g wwt	81.7	30-140 %	----
HxCDF-13C12, 1,2,3,7,8,9-	116843-04-0	XE785F	138 pg/g wwt	33.300 pg/g wwt	69.4	30-140 %	----
HxCDF-13C12, 2,3,4,6,7,8-	116843-05-1	XE785F	157 pg/g wwt	33.300 pg/g wwt	78.9	30-140 %	----
OCDD-13C12	114423-97-1	XE785F	251 pg/g wwt	66.700 pg/g wwt	63.0	15-140 %	----
OCDF-13C12	109719-78-0	XE785F	254 pg/g wwt	66.700 pg/g wwt	63.6	15-140 %	----
PeCDD-13C12, 1,2,3,7,8-	109719-79-1	XE785F	150 pg/g wwt	33.300 pg/g wwt	75.4	30-140 %	----
PeCDF-13C12, 1,2,3,7,8-	109719-77-9	XE785F	146 pg/g wwt	33.300 pg/g wwt	73.6	30-140 %	----
PeCDF-13C12, 2,3,4,7,8-	116843-02-8	XE785F	146 pg/g wwt	33.300 pg/g wwt	73.6	30-140 %	----
TCDD-13C12, 2,3,7,8-	76523-40-5	XE785F	135 pg/g wwt	33.300 pg/g wwt	68.1	30-140 %	----
TCDF-13C12, 2,3,7,8-	89059-46-1	XE785F	142 pg/g wwt	33.300 pg/g wwt	71.5	30-140 %	----
			Result	**Target**	**%Rec.**	**Surr. Limits**	
PCB 028, 13C12	208263-76-7	XE785F	79.3 pg/g wwt	33.300 pg/g wwt	39.9	10-140 %	----
PCB 052, 13C12	208263-80-3	XE785F	84.3 pg/g wwt	33.300 pg/g wwt	42.4	10-140 %	----
PCB 077, 13C12	105600-23-5	XE785F	116 pg/g wwt	33.300 pg/g wwt	58.2	15-140 %	----
PCB 081, 13C12	208461-24-9	XE785F	108 pg/g wwt	33.300 pg/g wwt	54.3	15-140 %	----
PCB 101, 13C12	104130-39-4	XE785F	107 pg/g wwt	33.300 pg/g wwt	54.0	10-140 %	----
PCB 105, 13C12	208263-62-1	XE785F	125 pg/g wwt	33.300 pg/g wwt	62.7	15-140 %	----
PCB 114, 13C12	208263-63-2	XE785F	120 pg/g wwt	33.300 pg/g wwt	60.5	15-140 %	----
PCB 118, 13C12	104130-40-7	XE785F	125 pg/g wwt	33.300 pg/g wwt	62.6	15-140 %	----
PCB 123, 13C12	208263-64-3	XE785F	118 pg/g wwt	33.300 pg/g wwt	59.2	15-140 %	----
PCB 126, 13C12	208263-65-4	XE785F	127 pg/g wwt	33.300 pg/g wwt	64.0	30-140 %	----
PCB 138, 13C12	208263-66-5	XE785F	132 pg/g wwt	33.300 pg/g wwt	66.1	10-140 %	----
PCB 153, 13C12	185376-58-3	XE785F	125 pg/g wwt	33.300 pg/g wwt	62.9	10-140 %	----
PCB 156, 13C12	208263-68-7	XE785F	138 pg/g wwt	33.300 pg/g wwt	69.4	15-140 %	----
PCB 157, 13C12	235416-30-5	XE785F	133 pg/g wwt	33.300 pg/g wwt	66.8	15-140 %	----
PCB 167, 13C12	208263-69-8	XE785F	137 pg/g wwt	33.300 pg/g wwt	68.7	15-140 %	----
PCB 169, 13C12	208263-70-1	XE785F	122 pg/g wwt	33.300 pg/g wwt	61.5	30-140 %	----
PCB 180, 13C12	208263-72-3	XE785F	147 pg/g wwt	33.300 pg/g wwt	73.9	10-140 %	----
PCB 189, 13C12	208263-73-4	XE785F	140 pg/g wwt	33.300 pg/g wwt	70.6	15-140 %	----

Qualifiers

Qualifier	Description
[J]	Estimated value. The reported concentration is below the calibrated range of the instrument but above the EDL.
[U]	The analyte was not detected above the EDL (or LOR where applicable).
F	The ion abundance ratio(s) did not meet the acceptance criteria. Estimated Detection Limit for that compound has been elevated to the level of the EMPC.
M	Peak has been manually integrated.

Laboratory Control Sample (LCS) Report

A Laboratory Control Sample (LCS) is an analyte-free matrix that has been fortified (spiked) with test analytes at known concentration and processed in an identical manner to test samples. LCS results are expressed as percent recovery, and are used to monitor and control test method accuracy and precision, independent of test sample matrix.

Sub-Matrix: Biota

					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
Analyte	CAS Number	Method	LOR	Unit	Target Concentration	LCS	Low	High	Qualifier
Physical Tests(QC Lot: 2548175)									
Moisture	----	E144	0.5	%	50 %	90.6	90.0	110	----
Metals(QC Lot: 2546559)									
Mercury	7439-97-6	E524A	0.00625	mg/kg wwt	0.0834 mg/kg wwt	84.2	70.0	130	----
Metals(QC Lot: 2546560)									
Aluminum	7429-90-5	E464A	0.4	mg/kg wwt	8.33 mg/kg wwt	96.2	70.0	130	----
Antimony	7440-36-0	E464A	0.002	mg/kg wwt	4.17 mg/kg wwt	97.6	70.0	130	----
Arsenic	7440-38-2	E464A	0.004	mg/kg wwt	4.17 mg/kg wwt	96.4	70.0	130	----
Barium	7440-39-3	E464A	0.02	mg/kg wwt	1.04 mg/kg wwt	98.7	70.0	130	----
Beryllium	7440-41-7	E464A	0.002	mg/kg wwt	0.42 mg/kg wwt	85.4	70.0	130	----
Bismuth	7440-69-9	E464A	0.002	mg/kg wwt	4.17 mg/kg wwt	91.5	70.0	130	----
Boron	7440-42-8	E464A	0.2	mg/kg wwt	4.17 mg/kg wwt	86.9	70.0	130	----
Cadmium	7440-43-9	E464A	0.001	mg/kg wwt	0.42 mg/kg wwt	87.9	70.0	130	----
Calcium	7440-70-2	E464A	5	mg/kg wwt	208 mg/kg wwt	91.4	70.0	130	----
Chromium	7440-47-3	E464A	0.01	mg/kg wwt	1.04 mg/kg wwt	91.6	70.0	130	----
Cobalt	7440-48-4	E464A	0.004	mg/kg wwt	1.04 mg/kg wwt	91.5	70.0	130	----
Copper	7440-50-8	E464A	0.02	mg/kg wwt	1.04 mg/kg wwt	94.2	70.0	130	----
Iron	7439-89-6	E464A	0.5	mg/kg wwt	4.17 mg/kg wwt	111	70.0	130	----
Lead	7439-92-1	E464A	0.004	mg/kg wwt	2.08 mg/kg wwt	87.8	70.0	130	----
Lithium	7439-93-2	E464A	0.1	mg/kg wwt	1.04 mg/kg wwt	# 65.6	70.0	130	LCS-L
Magnesium	7439-95-4	E464A	1	mg/kg wwt	208 mg/kg wwt	101	70.0	130	----
Manganese	7439-96-5	E464A	0.1	mg/kg wwt	1.04 mg/kg wwt	91.6	70.0	130	----
Molybdenum	7439-98-7	E464A	0.004	mg/kg wwt	1.04 mg/kg wwt	96.7	70.0	130	----
Nickel	7440-02-0	E464A	0.04	mg/kg wwt	2.08 mg/kg wwt	91.7	70.0	130	----
Phosphorus	7723-14-0	E464A	2	mg/kg wwt	41.7 mg/kg wwt	93.6	70.0	130	----
Potassium	7440-09-7	E464A	4	mg/kg wwt	208 mg/kg wwt	98.7	70.0	130	----

Sub-Matrix: Biota

					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
Analyte	CAS Number	Method	LOR	Unit	Target Concentration	LCS	Low	High	Qualifier
Metals(QC Lot: 2546560)									
Rubidium	7440-17-7	E464A	0.02	mg/kg wwt	0.42 mg/kg wwt	95.1	70.0	130	----
Selenium	7782-49-2	E464A	0.01	mg/kg wwt	4.17 mg/kg wwt	85.9	70.0	130	----
Silver	7440-22-4	E464A	0.001	mg/kg wwt	0.42 mg/kg wwt	84.4	70.0	130	----
Sodium	7440-23-5	E464A	5	mg/kg wwt	208 mg/kg wwt	95.8	70.0	130	----
Strontium	7440-24-6	E464A	0.02	mg/kg wwt	1.04 mg/kg wwt	91.5	70.0	130	----
Tellurium	13494-80-9	E464A	0.02	mg/kg wwt	0.42 mg/kg wwt	90.2	70.0	130	----
Thallium	7440-28-0	E464A	0.0004	mg/kg wwt	4.17 mg/kg wwt	90.5	70.0	130	----
Tin	7440-31-5	E464A	0.02	mg/kg wwt	2.08 mg/kg wwt	92.3	70.0	130	----
Tungsten	7440-33-7	E464A	0.02	mg/kg wwt	0.42 mg/kg wwt	91.5	70.0	130	----
Uranium	7440-61-1	E464A	0.004	mg/kg wwt	0.02 mg/kg wwt	89.6	70.0	130	----
Vanadium	7440-62-2	E464A	0.02	mg/kg wwt	2.08 mg/kg wwt	95.4	70.0	130	----
Zinc	7440-66-6	E464A	0.1	mg/kg wwt	2.08 mg/kg wwt	91.0	70.0	130	----
Zirconium	7440-67-7	E464A	0.06	mg/kg wwt	0.42 mg/kg wwt	87.0	70.0	130	----
Metals(QC Lot: 2546561)									
Aluminum	7429-90-5	E464	2	mg/kg	8.33 mg/kg	96.2	70.0	130	----
Antimony	7440-36-0	E464	0.01	mg/kg	4.17 mg/kg	97.6	70.0	130	----
Arsenic	7440-38-2	E464	0.02	mg/kg	4.17 mg/kg	96.4	70.0	130	----
Barium	7440-39-3	E464	0.1	mg/kg	1.04 mg/kg	98.7	70.0	130	----
Beryllium	7440-41-7	E464	0.01	mg/kg	0.42 mg/kg	85.4	70.0	130	----
Bismuth	7440-69-9	E464	0.01	mg/kg	4.17 mg/kg	91.5	70.0	130	----
Boron	7440-42-8	E464	1	mg/kg	4.17 mg/kg	86.9	70.0	130	----
Cadmium	7440-43-9	E464	0.005	mg/kg	0.42 mg/kg	87.9	70.0	130	----
Calcium	7440-70-2	E464	25	mg/kg	208 mg/kg	91.4	70.0	130	----
Chromium	7440-47-3	E464	0.05	mg/kg	1.04 mg/kg	91.6	70.0	130	----
Cobalt	7440-48-4	E464	0.02	mg/kg	1.04 mg/kg	91.5	70.0	130	----
Copper	7440-50-8	E464	0.1	mg/kg	1.04 mg/kg	94.2	70.0	130	----
Iron	7439-89-6	E464	2.5	mg/kg	4.17 mg/kg	111	70.0	130	----
Lead	7439-92-1	E464	0.02	mg/kg	2.08 mg/kg	87.8	70.0	130	----
Lithium	7439-93-2	E464	0.5	mg/kg	1.04 mg/kg	# 65.6	70.0	130	LCS-L
Magnesium	7439-95-4	E464	5	mg/kg	208 mg/kg	101	70.0	130	----
Manganese	7439-96-5	E464	0.5	mg/kg	1.04 mg/kg	91.6	70.0	130	----
Molybdenum	7439-98-7	E464	0.02	mg/kg	1.04 mg/kg	96.7	70.0	130	----
Nickel	7440-02-0	E464	0.2	mg/kg	2.08 mg/kg	91.7	70.0	130	----
Phosphorus	7723-14-0	E464	10	mg/kg	41.7 mg/kg	93.6	70.0	130	----
Potassium	7440-09-7	E464	20	mg/kg	208 mg/kg	98.7	70.0	130	----
Rubidium	7440-17-7	E464	0.1	mg/kg	0.42 mg/kg	95.1	70.0	130	----
Selenium	7782-49-2	E464	0.05	mg/kg	4.17 mg/kg	85.9	70.0	130	----

Sub-Matrix: Biota

					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
Analyte	CAS Number	Method	LOR	Unit	Target Concentration	LCS	Low	High	Qualifier
Metals(QC Lot: 2546561)									
Silver	7440-22-4	E464	0.005	mg/kg	0.42 mg/kg	84.4	70.0	130	----
Sodium	7440-23-5	E464	25	mg/kg	208 mg/kg	95.8	70.0	130	----
Strontium	7440-24-6	E464	0.1	mg/kg	1.04 mg/kg	91.5	70.0	130	----
Tellurium	13494-80-9	E464	0.1	mg/kg	0.42 mg/kg	90.2	70.0	130	----
Thallium	7440-28-0	E464	0.002	mg/kg	4.17 mg/kg	90.5	70.0	130	----
Tin	7440-31-5	E464	0.1	mg/kg	2.08 mg/kg	92.3	70.0	130	----
Tungsten	7440-33-7	E464	0.1	mg/kg	0.42 mg/kg	91.5	70.0	130	----
Uranium	7440-61-1	E464	0.02	mg/kg	0.02 mg/kg	89.6	70.0	130	----
Vanadium	7440-62-2	E464	0.1	mg/kg	2.08 mg/kg	95.4	70.0	130	----
Zinc	7440-66-6	E464	0.5	mg/kg	2.08 mg/kg	91.0	70.0	130	----
Zirconium	7440-67-7	E464	0.3	mg/kg	0.42 mg/kg	87.0	70.0	130	----
Metals(QC Lot: 2546562)									
Mercury	7439-97-6	E524	0.0313	mg/kg	0.0834 mg/kg	84.2	70.0	130	----
Aggregate Organics(QC Lot: 2548184)									
Lipid content	----	E145	0.5	% wwt	100 % wwt	95.1	90.0	110	----
Aggregate Organics(QC Lot: 2552665)									
Lipid content	----	E145	0.5	% wwt	100 % wwt	95.6	90.0	110	----
Polychlorinated Biphenyls(QC Lot: 2526235)									
PCB 001	2051-60-7	XE781A	2	pg/g wwt	99.68 pg/g wwt	93.8	60.0	135	----
PCB 003	2051-62-9	XE781A	5	pg/g wwt	99.68 pg/g wwt	90.0	60.0	135	----
PCB 004	13029-08-8	XE781A	5	pg/g wwt	99.68 pg/g wwt	96.4	60.0	135	----
PCB 015	2050-68-2	XE781A	5	pg/g wwt	99.68 pg/g wwt	85.4	60.0	135	----
PCB 016	38444-78-9	XE781A	2	pg/g wwt	Incalculable	Incalculable	60.0	135	----
PCB 019	38444-73-4	XE781A	2	pg/g wwt	99.68 pg/g wwt	99.8	60.0	135	----
PCB 037	38444-90-5	XE781A	2	pg/g wwt	99.68 pg/g wwt	95.3	60.0	135	----
PCB 054	15968-05-5	XE781A	5	pg/g wwt	99.68 pg/g wwt	98.4	60.0	135	----
PCB 077	32598-13-3	XE781A	5	pg/g wwt	99.68 pg/g wwt	86.2	60.0	135	----
PCB 081	70362-50-4	XE781A	5	pg/g wwt	99.68 pg/g wwt	84.5	60.0	135	----
PCB 104	56558-16-8	XE781A	5	pg/g wwt	99.68 pg/g wwt	86.4	60.0	135	----
PCB 105	32598-14-4	XE781A	5	pg/g wwt	99.68 pg/g wwt	83.5	60.0	135	----
PCB 114	74472-37-0	XE781A	5	pg/g wwt	99.68 pg/g wwt	86.4	60.0	135	----
PCB 118	31508-00-6	XE781A	10	pg/g wwt	99.68 pg/g wwt	87.0	60.0	135	----
PCB 123	65510-44-3	XE781A	5	pg/g wwt	99.68 pg/g wwt	90.6	60.0	135	----
PCB 126	57465-28-8	XE781A	5	pg/g wwt	99.68 pg/g wwt	86.4	60.0	135	----
PCB 155	33979-03-2	XE781A	5	pg/g wwt	99.68 pg/g wwt	100	60.0	135	----
PCB 156+157	----	XE781A	10	pg/g wwt	199.4 pg/g wwt	88.0	60.0	135	----
PCB 167	52663-72-6	XE781A	5	pg/g wwt	99.68 pg/g wwt	86.9	60.0	135	----

Sub-Matrix: Biota

					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
Analyte	CAS Number	Method	LOR	Unit	Target Concentration	LCS	Low	High	Qualifier
Polychlorinated Biphenyls(QC Lot: 2526235)									
PCB 169	32774-16-6	XE781A	5	pg/g wwt	99.68 pg/g wwt	87.9	60.0	135	----
PCB 188	74487-85-7	XE781A	5	pg/g wwt	99.68 pg/g wwt	92.4	60.0	135	----
PCB 189	39635-31-9	XE781A	5	pg/g wwt	99.68 pg/g wwt	88.5	60.0	135	----
PCB 202	2136-99-4	XE781A	10	pg/g wwt	99.68 pg/g wwt	95.0	60.0	135	----
PCB 205	74472-53-0	XE781A	5	pg/g wwt	99.68 pg/g wwt	84.7	60.0	135	----
PCB 206	40186-72-9	XE781A	5	pg/g wwt	99.68 pg/g wwt	82.3	60.0	135	----
PCB 208	52663-77-1	XE781A	5	pg/g wwt	99.68 pg/g wwt	84.3	60.0	135	----
PCB 209	2051-24-3	XE781A	10	pg/g wwt	99.68 pg/g wwt	99.6	60.0	135	----
Polychlorinated Biphenyls(QC Lot: 2551069)									
PCB 001	2051-60-7	XE781A	2	pg/g wwt	99.55 pg/g wwt	90.1	60.0	135	----
PCB 003	2051-62-9	XE781A	5	pg/g wwt	99.55 pg/g wwt	87.6	60.0	135	----
PCB 004	13029-08-8	XE781A	5	pg/g wwt	99.55 pg/g wwt	86.9	60.0	135	----
PCB 015	2050-68-2	XE781A	5	pg/g wwt	99.55 pg/g wwt	86.0	60.0	135	----
PCB 016	38444-78-9	XE781A	2	pg/g wwt	Incalculable	Incalculable	60.0	135	----
PCB 019	38444-73-4	XE781A	2	pg/g wwt	99.55 pg/g wwt	86.6	60.0	135	----
PCB 037	38444-90-5	XE781A	2	pg/g wwt	99.55 pg/g wwt	91.9	60.0	135	----
PCB 054	15968-05-5	XE781A	5	pg/g wwt	99.55 pg/g wwt	84.2	60.0	135	----
PCB 077	32598-13-3	XE781A	5	pg/g wwt	99.55 pg/g wwt	87.6	60.0	135	----
PCB 081	70362-50-4	XE781A	5	pg/g wwt	99.55 pg/g wwt	87.5	60.0	135	----
PCB 104	56558-16-8	XE781A	5	pg/g wwt	99.55 pg/g wwt	79.0	60.0	135	----
PCB 105	32598-14-4	XE781A	5	pg/g wwt	99.55 pg/g wwt	84.8	60.0	135	----
PCB 114	74472-37-0	XE781A	5	pg/g wwt	99.55 pg/g wwt	86.8	60.0	135	----
PCB 118	31508-00-6	XE781A	10	pg/g wwt	99.55 pg/g wwt	87.7	60.0	135	----
PCB 123	65510-44-3	XE781A	5	pg/g wwt	99.55 pg/g wwt	85.7	60.0	135	----
PCB 126	57465-28-8	XE781A	5	pg/g wwt	99.55 pg/g wwt	85.8	60.0	135	----
PCB 155	33979-03-2	XE781A	5	pg/g wwt	99.55 pg/g wwt	85.4	60.0	135	----
PCB 156+157	----	XE781A	10	pg/g wwt	199.1 pg/g wwt	83.8	60.0	135	----
PCB 167	52663-72-6	XE781A	5	pg/g wwt	99.55 pg/g wwt	85.0	60.0	135	----
PCB 169	32774-16-6	XE781A	5	pg/g wwt	99.55 pg/g wwt	88.4	60.0	135	----
PCB 188	74487-85-7	XE781A	5	pg/g wwt	99.55 pg/g wwt	81.2	60.0	135	----
PCB 189	39635-31-9	XE781A	5	pg/g wwt	99.55 pg/g wwt	91.7	60.0	135	----
PCB 202	2136-99-4	XE781A	10	pg/g wwt	99.55 pg/g wwt	85.3	60.0	135	----
PCB 205	74472-53-0	XE781A	5	pg/g wwt	99.55 pg/g wwt	87.3	60.0	135	----
PCB 206	40186-72-9	XE781A	5	pg/g wwt	99.55 pg/g wwt	83.6	60.0	135	----
PCB 208	52663-77-1	XE781A	5	pg/g wwt	99.55 pg/g wwt	82.8	60.0	135	----
PCB 209	2051-24-3	XE781A	10	pg/g wwt	99.55 pg/g wwt	96.4	60.0	135	----

Sub-Matrix: Biota

					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
Analyte	CAS Number	Method	LOR	Unit	Target Concentration	LCS	Low	High	Qualifier
Polychlorinated Biphenyls Extraction Standards(QC Lot: 2526235)									
PCB 001, 13C12	234432-85-0	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	31.1	5	145	----
PCB 003, 13C12	208263-77-8	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	32.3	5	145	----
PCB 004, 13C12	234432-86-1	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	32.7	5	145	----
PCB 015, 13C12	208263-67-6	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	36.1	5	145	----
PCB 019, 13C12	234432-87-2	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	35.2	5	145	----
PCB 037, 13C12	208263-79-0	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	46.0	5	145	----
PCB 052, 13C12	208263-80-3	XE781A	0.1	pg/g wwt	Incalculable	Incalculable	5	145	----
PCB 054, 13C12	234432-88-3	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	38.5	5	145	----
PCB 077, 13C12	105600-23-5	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	57.2	10	145	----
PCB 081, 13C12	208461-24-9	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	56.8	10	145	----
PCB 104, 13C12	234432-89-4	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	43.2	10	145	----
PCB 105, 13C12	208263-62-1	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	62.5	10	145	----
PCB 114, 13C12	208263-63-2	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	59.3	10	145	----
PCB 118, 13C12	104130-40-7	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	57.9	10	145	----
PCB 123, 13C12	208263-64-3	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	58.5	10	145	----
PCB 126, 13C12	208263-65-4	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	65.0	10	145	----
PCB 155, 13C12	234432-90-7	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	52.1	10	145	----
PCB 156+157, 13C12	N/A	XE781A	0.1	pg/g wwt	398.7 pg/g wwt	70.6	10	145	----
PCB 167, 13C12	208263-69-8	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	71.5	10	145	----
PCB 169, 13C12	208263-70-1	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	69.9	10	145	----
PCB 188, 13C12	234432-91-8	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	61.3	10	145	----
PCB 189, 13C12	208263-73-4	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	66.4	10	145	----
PCB 202, 13C12	105600-26-8	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	67.1	10	145	----
PCB 205, 13C12	234446-64-1	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	71.7	10	145	----
PCB 206, 13C12	208263-75-6	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	72.8	10	145	----
PCB 208, 13C12	234432-92-9	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	76.8	10	145	----
PCB 209, 13C12	105600-27-9	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	66.7	10	145	----
Polychlorinated Biphenyls Extraction Standards(QC Lot: 2551069)									
PCB 001, 13C12	234432-85-0	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	28.1	5	145	----
PCB 003, 13C12	208263-77-8	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	26.5	5	145	----
PCB 004, 13C12	234432-86-1	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	40.5	5	145	----
PCB 015, 13C12	208263-67-6	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	31.0	5	145	----
PCB 019, 13C12	234432-87-2	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	58.1	5	145	----
PCB 037, 13C12	208263-79-0	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	42.2	5	145	----
PCB 052, 13C12	208263-80-3	XE781A	0.1	pg/g wwt	Incalculable	Incalculable	5	145	----
PCB 054, 13C12	234432-88-3	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	62.0	5	145	----
PCB 077, 13C12	105600-23-5	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	54.3	10	145	----

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Sub-Matrix: Biota

Analyte	CAS Number	Method	LOR	Unit	Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
					Target Concentration	LCS	Low	High	Qualifier
Polychlorinated Biphenyls Extraction Standards(QC Lot: 2551069)									
PCB 081, 13C12	208461-24-9	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	55.1	10	145	----
PCB 104, 13C12	234432-89-4	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	77.1	10	145	----
PCB 105, 13C12	208263-62-1	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	61.7	10	145	----
PCB 114, 13C12	208263-63-2	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	57.8	10	145	----
PCB 118, 13C12	104130-40-7	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	58.7	10	145	----
PCB 123, 13C12	208263-64-3	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	59.5	10	145	----
PCB 126, 13C12	208263-65-4	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	59.5	10	145	----
PCB 155, 13C12	234432-90-7	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	75.7	10	145	----
PCB 156+157, 13C12	N/A	XE781A	0.1	pg/g wwt	398.2 pg/g wwt	74.6	10	145	----
PCB 167, 13C12	208263-69-8	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	76.4	10	145	----
PCB 169, 13C12	208263-70-1	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	74.7	10	145	----
PCB 188, 13C12	234432-91-8	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	79.4	10	145	----
PCB 189, 13C12	208263-73-4	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	65.8	10	145	----
PCB 202, 13C12	105600-26-8	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	107	10	145	----
PCB 205, 13C12	234446-64-1	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	77.4	10	145	----
PCB 206, 13C12	208263-75-6	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	92.0	10	145	----
PCB 208, 13C12	234432-92-9	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	88.2	10	145	----
PCB 209, 13C12	105600-27-9	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	69.8	10	145	----
Polychlorinated Biphenyls Cleanup Standards(QC Lot: 2526235)									
PCB 028, 13C12	208263-76-7	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	42.2	5	145	----
PCB 111, 13C12	235416-29-2	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	58.1	10	145	----
PCB 178, 13C12	232919-67-4	XE781A	0.1	pg/g wwt	199.4 pg/g wwt	67.0	10	145	----
Polychlorinated Biphenyls Cleanup Standards(QC Lot: 2551069)									
PCB 028, 13C12	208263-76-7	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	39.7	5	145	----
PCB 111, 13C12	235416-29-2	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	65.2	10	145	----
PCB 178, 13C12	232919-67-4	XE781A	0.1	pg/g wwt	199.1 pg/g wwt	93.2	10	145	----

Sub-Matrix: Food

Analyte	CAS Number	Method	LOR	Unit	Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
					Target Concentration	LCS	Low	High	Qualifier
Polychlorinated Dibenzo(p)dioxins(QC Lot: 2526213)									
HpCDD, 1,2,3,4,6,7,8-	35822-46-9	XE785F	10	pg/g wwt	99.87 pg/g wwt	103	70.0	130	----
HxCDD, 1,2,3,4,7,8-	39227-28-6	XE785F	10	pg/g wwt	99.87 pg/g wwt	104	70.0	130	----
HxCDD, 1,2,3,6,7,8-	57653-85-7	XE785F	10	pg/g wwt	99.87 pg/g wwt	115	70.0	130	----
HxCDD, 1,2,3,7,8,9-	19408-74-3	XE785F	10	pg/g wwt	99.87 pg/g wwt	109	70.0	130	----
OCDD	3268-87-9	XE785F	20	pg/g wwt	199.1 pg/g wwt	97.8	70.0	130	----

Sub-Matrix: Food

Analyte	CAS Number	Method	LOR	Unit	Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
					Target Concentration	LCS	Low	High	Qualifier
Polychlorinated Dibenzo(p)dioxins(QC Lot: 2526213)									
PeCDD, 1,2,3,7,8-	40321-76-4	XE785F	10	pg/g wwt	99.87 pg/g wwt	103	70.0	130	----
TCDD, 2,3,7,8-	1746-01-6	XE785F	10	pg/g wwt	19.91 pg/g wwt	80.4	70.0	130	----
Polychlorinated Dibenzo(p)dioxins(QC Lot: 2551078)									
HpCDD, 1,2,3,4,6,7,8-	35822-46-9	XE785F	10	pg/g wwt	99.92 pg/g wwt	107	70.0	130	----
HxCDD, 1,2,3,4,7,8-	39227-28-6	XE785F	10	pg/g wwt	99.92 pg/g wwt	97.0	70.0	130	----
HxCDD, 1,2,3,6,7,8-	57653-85-7	XE785F	10	pg/g wwt	99.92 pg/g wwt	103	70.0	130	----
HxCDD, 1,2,3,7,8,9-	19408-74-3	XE785F	10	pg/g wwt	99.92 pg/g wwt	114	70.0	130	----
OCDD	3268-87-9	XE785F	20	pg/g wwt	199.2 pg/g wwt	107	70.0	130	----
PeCDD, 1,2,3,7,8-	40321-76-4	XE785F	10	pg/g wwt	99.92 pg/g wwt	107	70.0	130	----
TCDD, 2,3,7,8-	1746-01-6	XE785F	10	pg/g wwt	19.92 pg/g wwt	96.7	70.0	130	----
Polychlorinated Dibenzofurans(QC Lot: 2526213)									
HpCDF, 1,2,3,4,6,7,8-	67562-39-4	XE785F	10	pg/g wwt	99.87 pg/g wwt	106	70.0	130	----
HpCDF, 1,2,3,4,7,8,9-	55673-89-7	XE785F	10	pg/g wwt	99.87 pg/g wwt	109	70.0	130	----
HxCDF, 1,2,3,4,7,8-	70648-26-9	XE785F	10	pg/g wwt	99.87 pg/g wwt	99.6	70.0	130	----
HxCDF, 1,2,3,6,7,8-	57117-44-9	XE785F	10	pg/g wwt	99.87 pg/g wwt	98.4	70.0	130	----
HxCDF, 1,2,3,7,8,9-	72918-21-9	XE785F	10	pg/g wwt	99.87 pg/g wwt	109	70.0	130	----
HxCDF, 2,3,4,6,7,8-	60851-34-5	XE785F	10	pg/g wwt	99.87 pg/g wwt	104	70.0	130	----
OCDF	39001-02-0	XE785F	20	pg/g wwt	199.1 pg/g wwt	107	70.0	130	----
PeCDF, 1,2,3,7,8-	57117-41-6	XE785F	10	pg/g wwt	99.87 pg/g wwt	96.9	70.0	130	----
PeCDF, 2,3,4,7,8-	57117-31-4	XE785F	10	pg/g wwt	99.87 pg/g wwt	89.8	70.0	130	----
TCDF, 2,3,7,8-	51207-31-9	XE785F	10	pg/g wwt	19.91 pg/g wwt	101	70.0	130	----
Polychlorinated Dibenzofurans(QC Lot: 2551078)									
HpCDF, 1,2,3,4,6,7,8-	67562-39-4	XE785F	10	pg/g wwt	99.92 pg/g wwt	106	70.0	130	----
HpCDF, 1,2,3,4,7,8,9-	55673-89-7	XE785F	10	pg/g wwt	99.92 pg/g wwt	107	70.0	130	----
HxCDF, 1,2,3,4,7,8-	70648-26-9	XE785F	10	pg/g wwt	99.92 pg/g wwt	105	70.0	130	----
HxCDF, 1,2,3,6,7,8-	57117-44-9	XE785F	10	pg/g wwt	99.92 pg/g wwt	108	70.0	130	----
HxCDF, 1,2,3,7,8,9-	72918-21-9	XE785F	10	pg/g wwt	99.92 pg/g wwt	106	70.0	130	----
HxCDF, 2,3,4,6,7,8-	60851-34-5	XE785F	10	pg/g wwt	99.92 pg/g wwt	101	70.0	130	----
OCDF	39001-02-0	XE785F	20	pg/g wwt	199.2 pg/g wwt	106	70.0	130	----
PeCDF, 1,2,3,7,8-	57117-41-6	XE785F	10	pg/g wwt	99.92 pg/g wwt	102	70.0	130	----
PeCDF, 2,3,4,7,8-	57117-31-4	XE785F	10	pg/g wwt	99.92 pg/g wwt	100	70.0	130	----
TCDF, 2,3,7,8-	51207-31-9	XE785F	10	pg/g wwt	19.92 pg/g wwt	110	70.0	130	----
Dioxin-like Polychlorinated Biphenyls(QC Lot: 2526213)									
PCB 077	32598-13-3	XE785F	10	pg/g wwt	99.87 pg/g wwt	98.5	60.0	135	----
PCB 081	70362-50-4	XE785F	10	pg/g wwt	99.87 pg/g wwt	88.8	60.0	135	----
PCB 105	32598-14-4	XE785F	10	pg/g wwt	99.87 pg/g wwt	98.9	60.0	135	----
PCB 114	74472-37-0	XE785F	10	pg/g wwt	99.87 pg/g wwt	93.8	60.0	135	----

Sub-Matrix: Food

Analyte	CAS Number	Method	LOR	Unit	Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
					Target Concentration	LCS	Low	High	Qualifier
Dioxin-like Polychlorinated Biphenyls(QC Lot: 2526213)									
PCB 123	65510-44-3	XE785F	10	pg/g wwt	99.87 pg/g wwt	96.5	60.0	135	----
PCB 126	57465-28-8	XE785F	10	pg/g wwt	99.87 pg/g wwt	97.3	60.0	135	----
PCB 156	38380-08-4	XE785F	10	pg/g wwt	99.87 pg/g wwt	97.4	60.0	135	----
PCB 157	69782-90-7	XE785F	10	pg/g wwt	99.87 pg/g wwt	92.4	60.0	135	----
PCB 167	52663-72-6	XE785F	10	pg/g wwt	99.87 pg/g wwt	87.7	60.0	135	----
PCB 169	32774-16-6	XE785F	10	pg/g wwt	99.87 pg/g wwt	91.7	60.0	135	----
PCB 189	39635-31-9	XE785F	10	pg/g wwt	99.87 pg/g wwt	98.7	60.0	135	----
Dioxin-like Polychlorinated Biphenyls(QC Lot: 2551078)									
PCB 077	32598-13-3	XE785F	10	pg/g wwt	99.92 pg/g wwt	101	60.0	135	----
PCB 081	70362-50-4	XE785F	10	pg/g wwt	99.92 pg/g wwt	90.5	60.0	135	----
PCB 105	32598-14-4	XE785F	10	pg/g wwt	99.92 pg/g wwt	108	60.0	135	----
PCB 114	74472-37-0	XE785F	10	pg/g wwt	99.92 pg/g wwt	104	60.0	135	----
PCB 123	65510-44-3	XE785F	10	pg/g wwt	99.92 pg/g wwt	98.0	60.0	135	----
PCB 126	57465-28-8	XE785F	10	pg/g wwt	99.92 pg/g wwt	102	60.0	135	----
PCB 156	38380-08-4	XE785F	10	pg/g wwt	99.92 pg/g wwt	99.7	60.0	135	----
PCB 157	69782-90-7	XE785F	10	pg/g wwt	99.92 pg/g wwt	102	60.0	135	----
PCB 167	52663-72-6	XE785F	10	pg/g wwt	99.92 pg/g wwt	105	60.0	135	----
PCB 169	32774-16-6	XE785F	10	pg/g wwt	99.92 pg/g wwt	108	60.0	135	----
PCB 189	39635-31-9	XE785F	10	pg/g wwt	99.92 pg/g wwt	109	60.0	135	----
Marker Polychlorinated Biphenyls(QC Lot: 2526213)									
PCB 028	7012-37-5	XE785F	10	pg/g wwt	99.87 pg/g wwt	109	60.0	135	----
PCB 052	35693-99-3	XE785F	10	pg/g wwt	99.87 pg/g wwt	104	60.0	135	----
PCB 101	37680-73-2	XE785F	10	pg/g wwt	99.87 pg/g wwt	94.3	60.0	135	----
PCB 118	31508-00-6	XE785F	20	pg/g wwt	99.87 pg/g wwt	96.7	60.0	135	----
PCB 138	35065-28-2	XE785F	10	pg/g wwt	99.87 pg/g wwt	98.1	60.0	135	----
PCB 153	35065-27-1	XE785F	10	pg/g wwt	99.87 pg/g wwt	94.8	60.0	135	----
PCB 180	35065-29-3	XE785F	10	pg/g wwt	99.87 pg/g wwt	91.2	60.0	135	----
Marker Polychlorinated Biphenyls(QC Lot: 2551078)									
PCB 028	7012-37-5	XE785F	10	pg/g wwt	99.92 pg/g wwt	96.4	60.0	135	----
PCB 052	35693-99-3	XE785F	10	pg/g wwt	99.92 pg/g wwt	102	60.0	135	----
PCB 101	37680-73-2	XE785F	10	pg/g wwt	99.92 pg/g wwt	111	60.0	135	----
PCB 118	31508-00-6	XE785F	20	pg/g wwt	99.92 pg/g wwt	110	60.0	135	----
PCB 138	35065-28-2	XE785F	10	pg/g wwt	99.92 pg/g wwt	114	60.0	135	----
PCB 153	35065-27-1	XE785F	10	pg/g wwt	99.92 pg/g wwt	110	60.0	135	----
PCB 180	35065-29-3	XE785F	10	pg/g wwt	99.92 pg/g wwt	113	60.0	135	----
Dioxins and Furans Extraction Standards(QC Lot: 2526213)									
HpCDD-13C12, 1,2,3,4,6,7,8-	109719-83-7	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	82.3	15	140	----

Sub-Matrix: Food

					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
Analyte	CAS Number	Method	LOR	Unit	Target Concentration	LCS	Low	High	Qualifier
Dioxins and Furans Extraction Standards(QC Lot: 2526213)									
HpCDF-13C12, 1,2,3,4,6,7,8-	67562-39-4	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	87.3	15	140	----
HpCDF-13C12, 1,2,3,4,7,8,9-	55673-89-7	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	81.4	15	140	----
HxCDD-13C12, 1,2,3,4,7,8-	109719-80-4	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	78.4	30	140	----
HxCDD-13C12, 1,2,3,6,7,8-	109719-81-5	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	71.0	30	140	----
HxCDD-13C12, 1,2,3,7,8,9-	109719-82-6	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	72.3	30	140	----
HxCDF-13C12, 1,2,3,4,7,8-	114423-98-2	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	78.9	30	140	----
HxCDF-13C12, 1,2,3,6,7,8-	116843-03-9	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	82.6	30	140	----
HxCDF-13C12, 1,2,3,7,8,9-	116843-04-0	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	72.3	30	140	----
HxCDF-13C12, 2,3,4,6,7,8-	116843-05-1	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	81.3	30	140	----
OCDD-13C12	114423-97-1	XE785F	0.1	pg/g wwt	398.9 pg/g wwt	69.1	15	140	----
OCDF-13C12	109719-78-0	XE785F	0.1	pg/g wwt	398.9 pg/g wwt	67.4	15	140	----
PeCDD-13C12, 1,2,3,7,8-	109719-79-1	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	76.0	30	140	----
PeCDF-13C12, 1,2,3,7,8-	109719-77-9	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	75.5	30	140	----
PeCDF-13C12, 2,3,4,7,8-	116843-02-8	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	78.2	30	140	----
TCDD-13C12, 2,3,7,8-	76523-40-5	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	63.1	30	140	----
TCDF-13C12, 2,3,7,8-	89059-46-1	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	67.8	30	140	----
Dioxins and Furans Extraction Standards(QC Lot: 2551078)									
HpCDD-13C12, 1,2,3,4,6,7,8-	109719-83-7	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	77.4	15	140	----
HpCDF-13C12, 1,2,3,4,6,7,8-	67562-39-4	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	73.8	15	140	----
HpCDF-13C12, 1,2,3,4,7,8,9-	55673-89-7	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	78.4	15	140	----
HxCDD-13C12, 1,2,3,4,7,8-	109719-80-4	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	67.3	30	140	----
HxCDD-13C12, 1,2,3,6,7,8-	109719-81-5	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	72.9	30	140	----
HxCDD-13C12, 1,2,3,7,8,9-	109719-82-6	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	70.9	30	140	----
HxCDF-13C12, 1,2,3,4,7,8-	114423-98-2	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	73.5	30	140	----
HxCDF-13C12, 1,2,3,6,7,8-	116843-03-9	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	68.1	30	140	----
HxCDF-13C12, 1,2,3,7,8,9-	116843-04-0	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	76.8	30	140	----
HxCDF-13C12, 2,3,4,6,7,8-	116843-05-1	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	73.5	30	140	----
OCDD-13C12	114423-97-1	XE785F	0.1	pg/g wwt	399.1 pg/g wwt	60.8	15	140	----
OCDF-13C12	109719-78-0	XE785F	0.1	pg/g wwt	399.1 pg/g wwt	72.1	15	140	----
PeCDD-13C12, 1,2,3,7,8-	109719-79-1	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	78.4	30	140	----
PeCDF-13C12, 1,2,3,7,8-	109719-77-9	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	80.0	30	140	----
PeCDF-13C12, 2,3,4,7,8-	116843-02-8	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	81.6	30	140	----
TCDD-13C12, 2,3,7,8-	76523-40-5	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	68.1	30	140	----
TCDF-13C12, 2,3,7,8-	89059-46-1	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	74.1	30	140	----
Polychlorinated Biphenyls Extraction Standards(QC Lot: 2526213)									
PCB 028, 13C12	208263-76-7	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	42.1	10	140	----
PCB 052, 13C12	208263-80-3	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	45.3	10	140	----

Sub-Matrix: Food

					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
Analyte	CAS Number	Method	LOR	Unit	Target Concentration	LCS	Low	High	Qualifier
Polychlorinated Biphenyls Extraction Standards(QC Lot: 2526213)									
PCB 077, 13C12	105600-23-5	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	67.3	15	140	----
PCB 081, 13C12	208461-24-9	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	59.8	15	140	----
PCB 101, 13C12	104130-39-4	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	54.1	10	140	----
PCB 105, 13C12	208263-62-1	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	64.9	15	140	----
PCB 114, 13C12	208263-63-2	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	59.5	15	140	----
PCB 118, 13C12	104130-40-7	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	65.6	15	140	----
PCB 123, 13C12	208263-64-3	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	57.0	15	140	----
PCB 126, 13C12	208263-65-4	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	70.2	30	140	----
PCB 138, 13C12	208263-66-5	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	59.9	10	140	----
PCB 153, 13C12	185376-58-3	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	61.3	10	140	----
PCB 156, 13C12	208263-68-7	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	64.3	15	140	----
PCB 157, 13C12	235416-30-5	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	62.2	15	140	----
PCB 167, 13C12	208263-69-8	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	64.9	15	140	----
PCB 169, 13C12	208263-70-1	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	69.4	30	140	----
PCB 180, 13C12	208263-72-3	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	78.5	10	140	----
PCB 189, 13C12	208263-73-4	XE785F	0.1	pg/g wwt	199.1 pg/g wwt	71.9	15	140	----
Polychlorinated Biphenyls Extraction Standards(QC Lot: 2551078)									
PCB 028, 13C12	208263-76-7	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	54.1	10	140	----
PCB 052, 13C12	208263-80-3	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	55.6	10	140	----
PCB 077, 13C12	105600-23-5	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	69.1	15	140	----
PCB 081, 13C12	208461-24-9	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	70.2	15	140	----
PCB 101, 13C12	104130-39-4	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	71.3	10	140	----
PCB 105, 13C12	208263-62-1	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	79.3	15	140	----
PCB 114, 13C12	208263-63-2	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	80.8	15	140	----
PCB 118, 13C12	104130-40-7	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	82.5	15	140	----
PCB 123, 13C12	208263-64-3	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	83.4	15	140	----
PCB 126, 13C12	208263-65-4	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	86.3	30	140	----
PCB 138, 13C12	208263-66-5	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	73.6	10	140	----
PCB 153, 13C12	185376-58-3	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	71.8	10	140	----
PCB 156, 13C12	208263-68-7	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	79.4	15	140	----
PCB 157, 13C12	235416-30-5	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	77.3	15	140	----
PCB 167, 13C12	208263-69-8	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	78.3	15	140	----
PCB 169, 13C12	208263-70-1	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	81.3	30	140	----
PCB 180, 13C12	208263-72-3	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	69.8	10	140	----
PCB 189, 13C12	208263-73-4	XE785F	0.1	pg/g wwt	199.2 pg/g wwt	78.3	15	140	----

Qualifiers

Qualifier	Description
LCS-L	Lab Control Sample recovery was below ALS DQO. Reference Material and/or Matrix Spike results were acceptable. Non-detected sample results are considered reliable. Other results, if reported, have been qualified.

Matrix Spike (MS) Report

A Matrix Spike (MS) is a randomly selected intra-laboratory replicate sample that has been fortified (spiked) with test analytes at known concentration, and processed in an identical manner to test samples. Matrix Spikes provide information regarding analyte recovery and potential matrix effects. MS DQO exceedances due to sample matrix may sometimes be unavoidable; in such cases, test results for

Sub-Matrix: Animal Tissue

					Matrix Spike (MS) Report					
					Spike		Recovery (%)	Recovery (%)		Qualifier
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	Concentration	Target	MS	Low	High	
Metals(QC Lot: 2546559)										
BU2600876-001	[MM] CHBKTR1+	Mercury	7439-97-6	E524A	0.0675 mg/kg wwt	0.0793 mg/kg wwt	85.1	70.0	130	---
Metals(QC Lot: 2546560)										
BU2600876-001	[MM] CHBKTR1+	Aluminum	7429-90-5	E464A	7.36 mg/kg wwt	7.921 mg/kg wwt	92.9	70.0	130	---
		Antimony	7440-36-0	E464A	3.63 mg/kg wwt	3.965 mg/kg wwt	91.6	70.0	130	---
		Arsenic	7440-38-2	E464A	4.03 mg/kg wwt	3.965 mg/kg wwt	102	70.0	130	---
		Barium	7440-39-3	E464A	0.929 mg/kg wwt	0.989 mg/kg wwt	93.9	70.0	130	---
		Beryllium	7440-41-7	E464A	0.351 mg/kg wwt	0.3994 mg/kg wwt	87.9	70.0	130	---
		Bismuth	7440-69-9	E464A	3.78 mg/kg wwt	3.965 mg/kg wwt	95.4	70.0	130	---
		Boron	7440-42-8	E464A	3.51 mg/kg wwt	3.965 mg/kg wwt	88.6	70.0	130	---
		Cadmium	7440-43-9	E464A	0.351 mg/kg wwt	0.3994 mg/kg wwt	88.0	70.0	130	---
		Calcium	7440-70-2	E464A	ND	----	ND	70.0	130	---
		Chromium	7440-47-3	E464A	0.942 mg/kg wwt	0.989 mg/kg wwt	95.2	70.0	130	---
		Cobalt	7440-48-4	E464A	0.917 mg/kg wwt	0.989 mg/kg wwt	92.7	70.0	130	---
		Copper	7440-50-8	E464A	0.882 mg/kg wwt	0.989 mg/kg wwt	89.2	70.0	130	---
		Iron	7439-89-6	E464A	ND	----	ND	70.0	130	---
		Lead	7439-92-1	E464A	1.78 mg/kg wwt	1.978 mg/kg wwt	90.1	70.0	130	---
		Lithium	7439-93-2	E464A	0.68 mg/kg wwt	0.989 mg/kg wwt	68.4	70.0	130	K
		Magnesium	7439-95-4	E464A	ND	----	ND	70.0	130	---

Sub-Matrix: Animal Tissue

					Matrix Spike (MS) Report					
					Spike		Recovery (%)	Recovery (%)		Qualifier
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	Concentration	Target	MS	Low	High	
Metals(QC Lot: 2546560)										
		Manganese	7439-96-5	E464A	0.90 mg/kg wwt	0.989 mg/kg wwt	91.1	70.0	130	---
		Molybdenum	7439-98-7	E464A	0.947 mg/kg wwt	0.989 mg/kg wwt	95.8	70.0	130	---
		Nickel	7440-02-0	E464A	1.83 mg/kg wwt	1.978 mg/kg wwt	92.5	70.0	130	---
		Phosphorus	7723-14-0	E464A	ND	----	ND	70.0	130	---
		Potassium	7440-09-7	E464A	ND	----	ND	70.0	130	---
		Rubidium	7440-17-7	E464A	ND	----	ND	70.0	130	---
		Selenium	7782-49-2	E464A	3.70 mg/kg wwt	3.965 mg/kg wwt	93.4	70.0	130	---
		Silver	7440-22-4	E464A	0.341 mg/kg wwt	0.3994 mg/kg wwt	85.5	70.0	130	---
		Sodium	7440-23-5	E464A	ND	----	ND	70.0	130	---
		Strontium	7440-24-6	E464A	0.871 mg/kg wwt	0.989 mg/kg wwt	88.1	70.0	130	---
		Tellurium	13494-80-9	E464A	0.357 mg/kg wwt	0.3994 mg/kg wwt	89.5	70.0	130	---
		Thallium	7440-28-0	E464A	3.60 mg/kg wwt	3.965 mg/kg wwt	90.8	70.0	130	---
		Tin	7440-31-5	E464A	1.76 mg/kg wwt	1.978 mg/kg wwt	89.0	70.0	130	---
		Tungsten	7440-33-7	E464A	0.367 mg/kg wwt	0.3994 mg/kg wwt	91.8	70.0	130	---
		Uranium	7440-61-1	E464A	0.0183 mg/kg wwt	0.019 mg/kg wwt	96.2	70.0	130	---
		Vanadium	7440-62-2	E464A	1.92 mg/kg wwt	1.978 mg/kg wwt	97.0	70.0	130	---
		Zinc	7440-66-6	E464A	ND	----	ND	70.0	130	---
		Zirconium	7440-67-7	E464A	0.350 mg/kg wwt	0.3994 mg/kg wwt	87.6	70.0	130	---
Metals(QC Lot: 2546561)										
BU2600876-001	[MM] CHBKTR1+	Aluminum	7429-90-5	E464	7.4 mg/kg	7.921 mg/kg	92.9	70.0	130	---
		Antimony	7440-36-0	E464	3.63 mg/kg	3.965 mg/kg	91.6	70.0	130	---
		Arsenic	7440-38-2	E464	4.03 mg/kg	3.965 mg/kg	102	70.0	130	---
		Barium	7440-39-3	E464	0.93 mg/kg	0.989 mg/kg	93.9	70.0	130	---
		Beryllium	7440-41-7	E464	0.351 mg/kg	0.3994 mg/kg	87.9	70.0	130	---
		Bismuth	7440-69-9	E464	3.78 mg/kg	3.965 mg/kg	95.4	70.0	130	---
		Boron	7440-42-8	E464	3.5 mg/kg	3.965 mg/kg	88.6	70.0	130	---
		Cadmium	7440-43-9	E464	0.351 mg/kg	0.3994 mg/kg	88.0	70.0	130	---
		Calcium	7440-70-2	E464	ND	----	ND	70.0	130	---

Sub-Matrix: Animal Tissue

					Matrix Spike (MS) Report					
					Spike		Recovery (%)	Recovery (%)		Qualifier
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	Concentration	Target	MS	Low	High	
Metals(QC Lot: 2546561)										
		Chromium	7440-47-3	E464	0.942 mg/kg	0.989 mg/kg	95.2	70.0	130	---
		Cobalt	7440-48-4	E464	0.917 mg/kg	0.989 mg/kg	92.7	70.0	130	---
		Copper	7440-50-8	E464	0.88 mg/kg	0.989 mg/kg	89.2	70.0	130	---
		Iron	7439-89-6	E464	ND	----	ND	70.0	130	---
		Lead	7439-92-1	E464	1.78 mg/kg	1.978 mg/kg	90.1	70.0	130	---
		Lithium	7439-93-2	E464	0.68 mg/kg	0.989 mg/kg	68.4	70.0	130	K
		Magnesium	7439-95-4	E464	ND	----	ND	70.0	130	---
		Manganese	7439-96-5	E464	0.90 mg/kg	0.989 mg/kg	91.1	70.0	130	---
		Molybdenum	7439-98-7	E464	0.947 mg/kg	0.989 mg/kg	95.8	70.0	130	---
		Nickel	7440-02-0	E464	1.83 mg/kg	1.978 mg/kg	92.5	70.0	130	---
		Phosphorus	7723-14-0	E464	ND	----	ND	70.0	130	---
		Potassium	7440-09-7	E464	ND	----	ND	70.0	130	---
		Rubidium	7440-17-7	E464	ND	----	ND	70.0	130	---
		Selenium	7782-49-2	E464	3.70 mg/kg	3.965 mg/kg	93.4	70.0	130	---
		Silver	7440-22-4	E464	0.341 mg/kg	0.3994 mg/kg	85.5	70.0	130	---
		Sodium	7440-23-5	E464	ND	----	ND	70.0	130	---
		Strontium	7440-24-6	E464	0.87 mg/kg	0.989 mg/kg	88.1	70.0	130	---
		Tellurium	13494-80-9	E464	0.36 mg/kg	0.3994 mg/kg	89.5	70.0	130	---
		Thallium	7440-28-0	E464	3.60 mg/kg	3.965 mg/kg	90.8	70.0	130	---
		Tin	7440-31-5	E464	1.76 mg/kg	1.978 mg/kg	89.0	70.0	130	---
		Tungsten	7440-33-7	E464	0.37 mg/kg	0.3994 mg/kg	91.8	70.0	130	---
		Uranium	7440-61-1	E464	0.018 mg/kg	0.019 mg/kg	96.2	70.0	130	---
		Vanadium	7440-62-2	E464	1.92 mg/kg	1.978 mg/kg	97.0	70.0	130	---
		Zinc	7440-66-6	E464	ND	----	ND	70.0	130	---
		Zirconium	7440-67-7	E464	0.35 mg/kg	0.3994 mg/kg	87.6	70.0	130	---
Metals(QC Lot: 2546562)										
BU2600876-001	[MM] CHBKTR1+	Mercury	7439-97-6	E524	0.067 mg/kg	0.0793 mg/kg	85.1	70.0	130	---

Qualifiers

Qualifier	Description
K	Matrix Spike recovery outside ALS DQO due to sample matrix effects.

Chain of Custody (COC) / Analytical Request Form

www.alsglobal.com

Canada Toll Free: 1 800 668 9878

COC Number: 22 -

Page 1 of 1

Environmental Division Burlington

Work Order Reference

BU2600876

Telephone : +1 905 331 3111

Report To	Contact and company name below will appear on the final report
Company:	Worley Consulting
Contact:	Graham Young
Phone:	403-968-1545
	Company address below will appear on the final report
Street:	49 Quarry Park Blvd SE
City/Province:	Calgary, AB
Postal Code:	T2C 5H9
Invoice To	Same as Report To ☒ YES ☐ NO
	Copy of Invoice with Report ☒ YES ☐ NO
Company:	
Contact:	

Reports / Recipients

Select Report Format: ☒ PDF ☐ EXCEL ☑ EDD (DIGITAL)

Merge QC/QCI Reports with COA ☒ YES ☐ NO ☐ N/A

☐ Compare Results to Criteria on Report - provide details below if box checked

Select Distribution: ☒ EMAIL MAIL ☐ FAX

Email 1 or Fax Graham.young@worley.com

Email 2 Ryan.martin@worley.com

Email 3 canada.chemistry@worley.com

Invoice Recipients

Select Invoice Distribution: ☒ EMAIL MAIL ☐ FAX

Email 1 or Fax ~~canada.chemistry@worley.com~~ graham.young@worley.com

Email 2 SSCAPinv-AMERICAS@worley.com

Turnaround Time (TAT) Requested

☑ Routine [R] if received by 3pm M-F - no surcharges apply

☐ 4 day [P4] if received by 3pm M-F - 20% rush surcharge minimu

☐ 3 day [P3] if received by 3pm M-F - 25% rush surcharge minim

☐ 2 day [P2] if received by 3pm M-F - 50% rush surcharge minim

☐ 1 day [E] if received by 3pm M-F - 100% rush surcharge minim

☐ Same day [E2] if received by 10am M-S - 200% rush surcharge.

Additional fees may apply to rush requests on weekends, [illegible]

Date and Time Required for all E&P TATs: dd-mmm-yy hh:mm am/pm

For all tests with rush TATs requested, please contact your AM to confirm availability.

Project Information		Oil and Gas Required Fields (client use)	
ALS Account # / Quote #:	ALSEQ25-018/ALSEQ24-228	AFE/Cost Center:	PO#
Job #:	217085-56230	Major/Minor Code:	Routing Code:
PO / AFE:		Requisitioner:	
LSD:	W 6-67-8 W5M	Location:	

ALS Lab Work Order # (ALS use only):

ALS Contact: Ancy Sebastian Sampler: Ryan Martin, Graham Young

Analysis Request

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

ALS Sample # (ALS use only)	Sample Identification and/or Coordinates (This description will appear on the report)	Date (dd-mmm-yy)	Time (hh:mm)	Sample Type	NUMBER OF CONTAINERS	PCBs 16682 SPB-only	PCDD/F Coplanar PCBs (GC/MSMS)	Metals (ICPMS)	Mercury (CVAA)	Lipid Content	Moisture Content	PCB and PACDD/F Package	SAMPLES ON HOLD	EXTENDED STORAGE REQUIRED	SUSPECTED HAZARD (see notes)
	CHBKTR1+	24-Sep-25	12:00	Tissue	1			R	R	R	R	R			
	CHBKTR2A+	24-Sep-25	12:00	Tissue	1			R	R	R	R	R			
	CHBKTR2B+	24-Sep-25	12:00	Tissue	1			R	R	R	R	R			
	CHBKTR3A+	24-Sep-25	12:00	Tissue	1			R	R	R	R	R			
	CHBKTR3B+	24-Sep-25	12:00	Tissue	1	R	R	R	R	R	R	R			
	CHBKTR4+	24-Sep-25	12:00	Tissue	1	R	R	R	R	R	R	R			
	CHBKTR Unk	24-Sep-25	12:00	Tissue	1			R	R	R	R	R			
	HATCH	24-Sep-25	12:00	Tissue	1			R	R	R	R	R			
	CHBKTR SPLIT	24-Sep-25	12:00	Tissue	1			R	R	R	R	R			
	EDF-5462	---	---	CRM						R		R			
	DORM-5	---	---	CRM				R	R		R				

Drinking Water (DW) Samples[1] (client use)

Are samples taken from a Regulated DW System? ☐ YES ☒ NO

Are samples for human consumption/ use? ☐ YES ☐ NO

Notes / Specify Limits for result evaluation by selecting from drop-down below (Excel COC only)

Cc graham.young@worley.com for Invoice. Split tissue for CHBKTR 3A+ to make CHBKTR SPLIT sample. Use foil wrapped fillets for organic analysis and unwrapped fillets for metals

SAMPLE RECEIPT DETAILS (ALS use only)

Cooling Method: ☐ NONE ☐ ICE ☐ ICE PACKS ☒ FROZEN ☒ COOLING INITIATED

Submission Comments Identified on Sample Receipt Notification: YES NO

Cooler Custody Seals Intact: ☑ YES N/A Sample Custody Seals Intact: YES ☑ N/A

INITIAL COOLER TEMPERATURES °C				FINAL COOLER TEMPERATURES °C			
-22.5°C							

SHIPMENT RELEASE (client use)			INITIAL SHIPMENT RECEPTION (ALS use only)			FINAL SHIPMENT RECEPTION (ALS use only)		
Released by:	Date:	Time:	Received by:	Date:	Time:	Received by:	Date:	Time:
[signature]	March 24/26	15:52	Ancy Sebastian	25-MAR-2026	11:20			

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY YELLOW - CLIENT COPY

FEB 2022 FRONT

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy.

1. If any water samples are taken from a **Regulated Drinking Water (DW) System**, please submit using an **Authorized DW COC form**.

ALS Canada Ltd.

right solutions
right partner.

SAMPLE RECEIPT NOTIFICATION (SRN)

Work Order : **BU2600876**

Client	: **Worley Canada Services Ltd.**	Laboratory	: ALS Environmental - Burlington
Contact	: Graham Young	Contact	: Falguni Patel
Address	: 49 Quarry Park Blvd SE Calgary, AB Canada T2C 5H9	Address	: 1435 Norjohn Court, Unit 1 Burlington, Ontario Canada L7L 0E6
E-mail	: graham.young@worley.com	E-mail	: falgunin.patel@alsglobal.com
Telephone	: (403)968-1545	Telephone	: +1 905 331 3111
Facsimile	: ----	Facsimile	: +1 905 331 4567
Project	: 217085-56230		
Purchase order number	: ----	Quote number	: BU2024WORL1000001 (SVOC/ICP Fish Tissue)
C-O-C number	: ----	QC Level	: ALS Canada Standard Quality Control
Site	: W 6-67-8 W5M		
Sampler	: Graham Young, Ryan Martin		

Dates

Date Samples Received	: 25-Mar-2026 11:30	Issue Date	: 31-Mar-2026 10:04
Client Requested Due Date	: 22-May-2026	Scheduled Reporting Date	: See due dates below

Delivery Details

Mode of Delivery	: Carrier	Security Seal	: Not Available
No. of coolers/boxes	: 1	Temperature	: -22.5 - Ice present
Receipt Detail	:	No. of samples received / analysed	: 22/22

General Comments

- This report contains the following information
  - Sample Container(s)/Preservation Non-Compliances(if any)
  - Summary of Sample(s) and Requested Analysis
  - Proactive Holding Time Report
  - Requested Deliverables
- *Where possible, ALS will store samples for the following durations, measured from date of sample submission: 30 days for Soil and Water samples; 6 months for Tissue/Biota samples; 14 days for air samples collected on re-usable media; and 3 days for water samples submitted for microbiological testing. Longer storage times are available upon request.*
- **Temperature is recorded in °C unless otherwise noted.**
- Provincial and Federal taxes will be applied as applicable based on the location of the ALS laboratory conducting the majority of testing for this submission (by value).

Sample Container(s)/Preservation Non-Compliances (if any)

All comparisons are made against pretreatment/preservation practices published by CCME, BC ENV, Ontario MOE, Environment Canada, Health Canada, US EPA, APHA Standard Methods, ASTM, or ISO, and comply with provincial requirements for the laboratory location.

- **No sample container/preservation non-compliance exists.**

Summary of Sample(s) and Requested Analysis

Some items described below may be part of a laboratory process necessary for the execution of client requested tasks. Packages may contain additional analyses, such as the determination of moisture content and preparation tasks, that are included in the package. If no sampling date is provided, the sampling date will be assumed by the laboratory and displayed in brackets without a time component.

Matrix : **Biota**

Laboratory sample ID	*Client sampling date / time*	*Client sample ID*	Biota - E144 Moisture Content by Gravimetry	Biota - E145 Lipids by Gravimetry (via Soxhlet extraction)	Biota - E464 Metals in Biota by ICPMS - Microwave Digestion	Biota - E464A Metals in Biota by ICPMS - Microwave Digestion (Wet	Biota - E524 Mercury in Biota by CVAAS - Microwave Digestion	Biota - E524A Mercury in Biota by CVAAS - Microwave Digestion (Wet	Biota - XE781A PCB Congeners in Biota by GC-HRMS (Wet Weight)
BU2600876-001	24-Sep-2025 12:00	[MM] CHBKTR1+	✓	✓	✓	✓	✓	✓	
BU2600876-002	24-Sep-2025 12:00	[MM] CHBKTR2A+	✓	✓	✓	✓	✓	✓	
BU2600876-003	24-Sep-2025 12:00	[MM] CHBKTR2B+	✓	✓	✓	✓	✓	✓	
BU2600876-004	24-Sep-2025 12:00	[MM] CHBKTR3A+	✓	✓	✓	✓	✓	✓	
BU2600876-005	24-Sep-2025 12:00	[MM] CHBKTR3B+	✓	✓	✓	✓	✓	✓	
BU2600876-006	24-Sep-2025 12:00	[MM] CHBKTR4+	✓	✓	✓	✓	✓	✓	
BU2600876-007	24-Sep-2025 12:00	[MM] CHBKTR Unk	✓	✓	✓	✓	✓	✓	
BU2600876-008	24-Sep-2025 12:00	[MM] HATCH	✓	✓	✓	✓	✓	✓	
BU2600876-009	24-Sep-2025 12:00	[MM] CHBKTR SPLIT	✓	✓	✓	✓	✓	✓	
BU2600876-010	24-Sep-2025 12:00	[MM] DORM-5				✓		✓	
BU2600876-021	24-Sep-2025 12:00	[SVOC] CHBKTR3B+							✓
BU2600876-022	24-Sep-2025 12:00	[SVOC] CHBKTR4+							✓

Matrix : **Food**

Laboratory sample ID	*Client sampling date / time*	*Client sample ID*	Food - XE785F Toxic PCBs, Dioxin and Furans (DTOX) in Food (Soxhlet Extraction) by GC-
BU2600876-011	24-Sep-2025 12:00	[SVOC] CHBKTR1+	✓
BU2600876-012	24-Sep-2025 12:00	[SVOC] CHBKTR2A+	✓
BU2600876-013	24-Sep-2025 12:00	[SVOC] CHBKTR2B+	✓
BU2600876-014	24-Sep-2025 12:00	[SVOC] CHBKTR3A+	✓
BU2600876-015	24-Sep-2025 12:00	[SVOC] CHBKTR3B+	✓
BU2600876-016	24-Sep-2025 12:00	[SVOC] CHBKTR4+	✓
BU2600876-017	24-Sep-2025 12:00	[SVOC] CHBKTR Unk	✓
BU2600876-018	24-Sep-2025 12:00	[SVOC] HATCH	✓
BU2600876-019	24-Sep-2025 12:00	[SVOC] CHBKTR SPLIT	✓
BU2600876-020	24-Sep-2025 12:00	[SVOC] EDF-5462	✓

Proactive Holding Time Report

The following samples were received beyond the recommended holding times for the indicated tests.

Client sample ID	Test Method	Recommended Holding Time
[MM] CHBKTR1+	E524A	28.00 days
[MM] CHBKTR1+	E524	28.00 days
[MM] CHBKTR1+	E464A	180.00 days
[MM] CHBKTR1+	E464	180.00 days
[MM] CHBKTR2A+	E524A	28.00 days
[MM] CHBKTR2A+	E524	28.00 days
[MM] CHBKTR2A+	E464A	180.00 days
[MM] CHBKTR2A+	E464	180.00 days
[MM] CHBKTR2B+	E524A	28.00 days
[MM] CHBKTR2B+	E524	28.00 days
[MM] CHBKTR2B+	E464A	180.00 days
[MM] CHBKTR2B+	E464	180.00 days
[MM] CHBKTR3A+	E524A	28.00 days
[MM] CHBKTR3A+	E524	28.00 days
[MM] CHBKTR3A+	E464A	180.00 days
[MM] CHBKTR3A+	E464	180.00 days
[MM] CHBKTR3B+	E524A	28.00 days
[MM] CHBKTR3B+	E524	28.00 days
[MM] CHBKTR3B+	E464A	180.00 days
[MM] CHBKTR3B+	E464	180.00 days
[MM] CHBKTR4+	E524A	28.00 days
[MM] CHBKTR4+	E524	28.00 days
[MM] CHBKTR4+	E464A	180.00 days

[MM] CHBKTR4+	E464	180.00 days
[MM] CHBKTR Unk	E524A	28.00 days
[MM] CHBKTR Unk	E524	28.00 days
[MM] CHBKTR Unk	E464A	180.00 days
[MM] CHBKTR Unk	E464	180.00 days
[MM] HATCH	E524A	28.00 days
[MM] HATCH	E524	28.00 days
[MM] HATCH	E464A	180.00 days
[MM] HATCH	E464	180.00 days
[MM] CHBKTR SPLIT	E524A	28.00 days
[MM] CHBKTR SPLIT	E524	28.00 days
[MM] CHBKTR SPLIT	E464A	180.00 days
[MM] CHBKTR SPLIT	E464	180.00 days
[MM] DORM-5	E524A	28.00 days
[MM] DORM-5	E464A	180.00 days

All sample(s) for this submission were received within the recommended holding times for the requested tests.

Requested Deliverables

Graham Young

ALS Excel Report (Worley Canada Services Ltd.)	Graham Young	Email	graham.young@worley.com
Certificate of Analysis (Crosstab) (Worley Canada Services Ltd.)	Graham Young	Email	graham.young@worley.com
Certificate of Analysis (Portrait) with Measurement Uncertainty (Worley Canada Services Ltd.)	Graham Young	Email	graham.young@worley.com
Interpretive Quality Control Report (Worley Canada Services Ltd.)	Graham Young	Email	graham.young@worley.com
Quality Control (Worley Canada Services Ltd.)	Graham Young	Email	graham.young@worley.com
Sample Receipt Notification with Analytes & LORs (Worley Canada Services Ltd.)	Graham Young	Email	graham.young@worley.com
Tax Invoice (Worley Canada Services Ltd.)	Graham Young	Email	graham.young@worley.com
Worley Parsons Canada EQuIS EQEDD format. (Worley Canada Services Ltd.)	Graham Young	Email	graham.young@worley.com

Canada Chemistry

ALS Excel Report (Worley Canada Services Ltd.)	Canada Chemistry	Email	canada.chemistry@worley.com
Certificate of Analysis (Crosstab) (Worley Canada Services Ltd.)	Canada Chemistry	Email	canada.chemistry@worley.com
Interpretive Quality Control Report (Worley Canada Services Ltd.)	Canada Chemistry	Email	canada.chemistry@worley.com
Quality Control (Worley Canada Services Ltd.)	Canada Chemistry	Email	canada.chemistry@worley.com
Sample Receipt Notification with Analytes & LORs (Worley Canada Services Ltd.)	Canada Chemistry	Email	canada.chemistry@worley.com
Worley Parsons Canada EQuIS EQEDD format. (Worley Canada Services Ltd.)	Canada Chemistry	Email	canada.chemistry@worley.com

Ryan Martin

ALS Excel Report (Worley Canada Services Ltd.)	Ryan Martin	Email	ryan.martin@worley.com
Certificate of Analysis (Crosstab) (Worley Canada Services Ltd.)	Ryan Martin	Email	ryan.martin@worley.com
Certificate of Analysis (Portrait) with Measurement Uncertainty (Worley Canada Services Ltd.)	Ryan Martin	Email	ryan.martin@worley.com
Interpretive Quality Control Report (Worley Canada Services Ltd.)	Ryan Martin	Email	ryan.martin@worley.com
Quality Control (Worley Canada Services Ltd.)	Ryan Martin	Email	ryan.martin@worley.com
Sample Receipt Notification with Analytes & LORs (Worley Canada Services Ltd.)	Ryan Martin	Email	ryan.martin@worley.com
Worley Parsons Canada EQuIS EQEDD format. (Worley Canada Services Ltd.)	Ryan Martin	Email	ryan.martin@worley.com

Accounts Payable

Tax Invoice (Worley Canada Services Ltd.)	Accounts Payable	Email	SSCAPinv-AMERICAS@worley.com

Summary of Requested Analysis with Methods and Limit of Reporting (LOR)

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

Sale item Method	Method Reference	Laboratory	Analyte	LOR	Unit
Lipids by Gravimetry (via Soxhlet extraction) [Biota]					
E145	Lipids by Gravimetry (via Soxhlet extraction)	Burlington	Lipid content	0.500000000	% wwt
Mercury in Biota by CVAAS - Microwave Digestion (DRY units, Routine) [Biota]					
E524	Mercury in Tissues by CVAAS (DRY units, Routine)	Burlington	Mercury	0.031300000	mg/kg
Mercury in Biota by CVAAS - Microwave Digestion (Wet Weight, Routine) [Biota]					
E524A	Mercury in Tissues by CVAAS (Wet Weight, Routine)	Burlington	Mercury	0.006250000	mg/kg wwt
Metals in Biota by ICPMS - Microwave Digestion (Routine) [Biota]					
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Aluminum	2.000000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Antimony	0.010000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Arsenic	0.020000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Barium	0.100000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Beryllium	0.010000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Bismuth	0.010000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Boron	1.000000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Cadmium	0.005000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Calcium	25.000000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Chromium	0.050000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Cobalt	0.020000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Copper	0.100000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Iron	2.500000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Lead	0.020000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Lithium	0.500000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Magnesium	5.000000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Manganese	0.500000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Molybdenum	0.020000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Nickel	0.200000000	mg/kg

E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Phosphorus	10.000000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Potassium	20.000000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Rubidium	0.100000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Selenium	0.050000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Silver	0.005000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Sodium	25.000000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Strontium	0.100000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Tellurium	0.100000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Thallium	0.002000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Tin	0.100000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Tungsten	0.100000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Uranium	0.020000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Vanadium	0.100000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Zinc	0.500000000	mg/kg
E464	Metals in Tissue by ICPMS Analysis (DRY units, Routine)	Burlington	Zirconium	0.300000000	mg/kg
Metals in Biota by ICPMS - Microwave Digestion (Wet Weight, Routine) [Biota]					
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Aluminum	0.400000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Antimony	0.002000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Arsenic	0.004000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Barium	0.020000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Beryllium	0.002000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Bismuth	0.002000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Boron	0.200000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Cadmium	0.001000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Calcium	5.000000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Chromium	0.010000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Cobalt	0.004000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Copper	0.020000000	mg/kg wwt

E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Iron	0.500000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Lead	0.004000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Lithium	0.100000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Magnesium	1.000000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Manganese	0.100000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Molybdenum	0.004000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Nickel	0.040000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Phosphorus	2.000000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Potassium	4.000000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Rubidium	0.020000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Selenium	0.010000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Silver	0.001000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Sodium	5.000000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Strontium	0.020000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Tellurium	0.020000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Thallium	0.000400000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Tin	0.020000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Tungsten	0.020000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Uranium	0.004000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Vanadium	0.020000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Zinc	0.100000000	mg/kg wwt
E464A	Metals in Tissue by ICPMS Analysis (Wet Weight, Routine)	Burlington	Zirconium	0.060000000	mg/kg wwt
Moisture Content by Gravimetry [Biota]					
E144	Moisture Content by Gravimetry	Burlington	Moisture	0.500000000	%
PCB Congeners in Biota by GC-HRMS (Wet Weight) [Biota]					
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	Decachlorobiphenyl	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	Dichlorinated biphenyls, total	200.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	Heptachlorinated biphenyls, total	200.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	Hexachlorinated biphenyls, total	400.000000000	pg/g wwt

XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	Monochlorinated biphenyls, total	200.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	Nonachlorinated biphenyls, total	100.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	Octachlorinated biphenyls, total	100.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 001	2.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 002	2.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 003	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 004	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 005	2.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 006	2.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 007	2.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 008	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 009	2.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 010	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 011	25.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 012+013	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 014	2.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 015	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 016	2.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 017	2.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 018+030	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 019	2.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 020+028	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 021+033	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 022	2.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 023	2.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 024	2.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 025	2.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 026+029	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 027	2.000000000	pg/g wwt

XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 031	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 032	2.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 034	2.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 035	2.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 036	2.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 037	2.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 038	2.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 039	2.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 040+041+071	10.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 042	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 043	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 044+047+065	10.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 045+051	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 046	2.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 048	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 049+069	10.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 050+053	10.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 052	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 054	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 055	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 056	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 057	10.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 058	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 059+062+075	10.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 060	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 061+070+074+076	20.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 063	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 064	5.000000000	pg/g wwt

XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 066	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 067	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 068	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 072	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 073	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 077	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 078	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 079	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 080	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 081	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 082	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 083+099	20.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 084	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 085+110+115+116+117	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 086+087+097+109+119+125	20.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 088+091	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 089	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 090+101+113	20.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 092	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 093+098+100+102	20.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 094	20.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 095	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 096	20.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 103	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 104	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 105	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 106	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 107	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 108+124	10.000000000	pg/g wwt

XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 111	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 112	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 114	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 118	10.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 120	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 121	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 122	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 123	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 126	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 127	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 128+166	10.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 129+138+163	10.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 130	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 131	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 132	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 133	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 134+143	10.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 135+151	10.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 136	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 137+164	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 139+140	10.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 141	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 142	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 144	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 145	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 146	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 147+149	10.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 148	5.000000000	pg/g wwt

XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 150	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 152	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 153+168	10.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 154	10.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 155	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 156+157	10.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 158	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 159	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 160	10.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 161	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 162	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 165	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 167	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 169	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 170	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 171+173	20.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 172	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 174	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 175	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 176	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 177	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 178	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 179	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 180+193	10.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 181	20.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 182	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 183	10.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 184	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 185	10.000000000	pg/g wwt

XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 186	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 187	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 188	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 189	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 190	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 191	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 192	20.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 194	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 195	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 196	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 197	10.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 198+199	10.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 200	10.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 201	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 202	10.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 203	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 204	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 205	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 206	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 207	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 208	5.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB 209	10.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB TEQ - WHO 2005 (ND=0.5*EDL)	0.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB TEQ - WHO 2005 (ND=0*EDL)	0.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	PCB TEQ - WHO 2005 (ND=1*EDL)	0.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	Pentachlorinated biphenyls, total	400.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	Polychlorinated biphenyls [PCBs], total	800.000000000	pg/g wwt
XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	Tetrachlorinated biphenyls, total	400.000000000	pg/g wwt

XE781A	PCB Congeners in Biota by GC-HRMS (Wet Weight)	Burlington	Trichlorinated biphenyls, total	200.000000000	pg/g wwt
Soxhlet Extraction of Foods for DTOX (PCB+DX Shortlist) [Food]					
EP802B	Soxhlet Extraction of Foods for DTOX (PCB+DX Shortlist)	Burlington	Weight, extraction (wet)	0.000100000	g
Toxic PCBs, Dioxin and Furans (DTOX) in Food (Soxhlet Extraction) by GC-MS/MS (Wet Units) [Food]					
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	HpCDD, 1,2,3,4,6,7,8-	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	HpCDF, 1,2,3,4,6,7,8-	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	HpCDF, 1,2,3,4,7,8,9-	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	HxCDD, 1,2,3,4,7,8-	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	HxCDD, 1,2,3,6,7,8-	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	HxCDD, 1,2,3,7,8,9-	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	HxCDF, 1,2,3,4,7,8-	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	HxCDF, 1,2,3,6,7,8-	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	HxCDF, 1,2,3,7,8,9-	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	HxCDF, 2,3,4,6,7,8-	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	ICES-6 Marker PCBs, Total (ND=1*EDL)	0.010000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	OCDD	20.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	OCDF	20.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PCB 028	0.010000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PCB 052	0.010000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PCB 077	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PCB 081	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PCB 101	0.010000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PCB 105	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PCB 114	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PCB 118	20.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PCB 123	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PCB 126	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PCB 138	0.010000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet	Burlington	PCB 153	0.010000000	pg/g wwt

	Extraction) by GC-MS-MS (Wet Weight)				
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PCB 156	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PCB 157	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PCB 167	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PCB 169	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PCB 180	0.010000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PCB 189	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PCB TEQ - WHO 2005 (ND=0*EDL)	0.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PCB TEQ - WHO 2005 (ND=1*EDL)	0.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PCDD/F TEQ - WHO 2005 (ND=0*EDL)	0.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PCDD/F TEQ - WHO 2005 (ND=1*EDL)	0.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PCDD/F/PCB total TEQ - WHO 2005 (ND=0*EDL)	0.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PCDD/F/PCB total TEQ - WHO 2005 (ND=1*EDL)	0.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PeCDD, 1,2,3,7,8-	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PeCDF, 1,2,3,7,8-	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	PeCDF, 2,3,4,7,8-	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	TCDD, 2,3,7,8-	10.000000000	pg/g wwt
XE785F	Toxic PCBs, Dioxin and Furans in Food (Soxhlet Extraction) by GC-MS-MS (Wet Weight)	Burlington	TCDF, 2,3,7,8-	10.000000000	pg/g wwt

Chain of Custody (COC) / Analytical Request Form

www.alsglobal.com

Canada Toll Free: 1 800 668 9878

COC Number: 22 -

Page 1 of 1

Environmental Division Burlington

Work Order Reference

BU2600876

Telephone : +1 905 331 3111

Report To	Contact and company name below will appear on the final report
Company:	Worley Consulting
Contact:	Graham Young
Phone:	403-968-1545
	Company address below will appear on the final report
Street:	49 Quarry Park Blvd SE
City/Province:	Calgary, AB
Postal Code:	T2C 5H9
Invoice To	Same as Report To ☒ YES ☐ NO
	Copy of Invoice with Report ☒ YES ☐ NO
Company:	
Contact:	

Reports / Recipients

Select Report Format: ☒ PDF ☐ EXCEL ☑ EDD (DIGITAL)

Merge QC/QCI Reports with COA ☒ YES ☐ NO ☐ N/A

☐ Compare Results to Criteria on Report - provide details below if box checked

Select Distribution: ☒ EMAIL MAIL ☐ FAX

Email 1 or Fax Graham.young@worley.com

Email 2 Ryan.martin@worley.com

Email 3 canada.chemistry@worley.com

Invoice Recipients

Select Invoice Distribution: ☒ EMAIL MAIL ☐ FAX

Email 1 or Fax ~~canada.chemistry@worley.com~~ graham.young@worley.com

Email 2 SSCAPinv-AMERICAS@worley.com

Turnaround Time (TAT) Requested

☑ Routine [R] if received by 3pm M-F - no surcharges apply

☐ 4 day [P4] if received by 3pm M-F - 20% rush surcharge minimu

☐ 3 day [P3] if received by 3pm M-F - 25% rush surcharge minim

☐ 2 day [P2] if received by 3pm M-F - 50% rush surcharge minim

☐ 1 day [E] if received by 3pm M-F - 100% rush surcharge minim

☐ Same day [E2] if received by 10am M-S - 200% rush surcharge.

Additional fees may apply to rush requests on weekends, [illegible]

Date and Time Required for all E&P TATs: dd-mmm-yy hh:mm am/pm

For all tests with rush TATs requested, please contact your AM to confirm availability.

Project Information		Oil and Gas Required Fields (client use)	
ALS Account # / Quote #:	ALSEQ25-018/ALSEQ24-228	AFE/Cost Center:	PO#
Job #:	217085-56230	Major/Minor Code:	Routing Code:
PO / AFE:		Requisitioner:	
LSD:	W 6-67-8 W5M	Location:	

ALS Lab Work Order # (ALS use only):

ALS Contact: Ancy Sebastian Sampler: Ryan Martin, Graham Young

Analysis Request

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

ALS Sample # (ALS use only)	Sample Identification and/or Coordinates (This description will appear on the report)	Date (dd-mmm-yy)	Time (hh:mm)	Sample Type	NUMBER OF CONTAINERS	PCBs 16682 SPB-only	PCDD/F Coplanar PCBs (GC/MSMS)	Metals (ICPMS)	Mercury (CVAA)	Lipid Content	Moisture Content	PCB and PACDD/F Package	SAMPLES ON HOLD	EXTENDED STORAGE REQUIRED	SUSPECTED HAZARD (see notes)
	CHBKTR1+	24-Sep-25	12:00	Tissue	1			R	R	R	R	R			
	CHBKTR2A+	24-Sep-25	12:00	Tissue	1			R	R	R	R	R			
	CHBKTR2B+	24-Sep-25	12:00	Tissue	1			R	R	R	R	R			
	CHBKTR3A+	24-Sep-25	12:00	Tissue	1			R	R	R	R	R			
	CHBKTR3B+	24-Sep-25	12:00	Tissue	1	R	R	R	R	R	R	R			
	CHBKTR4+	24-Sep-25	12:00	Tissue	1	R	R	R	R	R	R	R			
	CHBKTR Unk	24-Sep-25	12:00	Tissue	1			R	R	R	R	R			
	HATCH	24-Sep-25	12:00	Tissue	1			R	R	R	R	R			
	CHBKTR SPLIT	24-Sep-25	12:00	Tissue	1			R	R	R	R	R			
	EDF-5462	---	---	CRM						R		R			
	DORM-5	---	---	CRM				R	R		R				

Drinking Water (DW) Samples[1] (client use)

Are samples taken from a Regulated DW System? ☐ YES ☒ NO

Are samples for human consumption/ use? ☐ YES ☐ NO

Notes / Specify Limits for result evaluation by selecting from drop-down below (Excel COC only)

Cc graham.young@worley.com for Invoice. Split tissue for CHBKTR 3A+ to make CHBKTR SPLIT sample. Use foil wrapped fillets for organic analysis and unwrapped fillets for metals

SAMPLE RECEIPT DETAILS (ALS use only)

Cooling Method: ☐ NONE ☐ ICE ☐ ICE PACKS ☒ FROZEN ☒ COOLING INITIATED

Submission Comments Identified on Sample Receipt Notification: YES NO

Cooler Custody Seals Intact: ☑ YES N/A Sample Custody Seals Intact: YES ☑ N/A

INITIAL COOLER TEMPERATURES °C				FINAL COOLER TEMPERATURES °C			
-22.5°C							

SHIPMENT RELEASE (client use)			INITIAL SHIPMENT RECEPTION (ALS use only)			FINAL SHIPMENT RECEPTION (ALS use only)		
Released by:	Date:	Time:	Received by:	Date:	Time:	Received by:	Date:	Time:
[signature]	March 24/26	15:52	Ancy Sebastian	25-MAR-2026	11:20			

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY YELLOW - CLIENT COPY

FEB 2022 FRONT

Failure to complete all portions of this form may delay analysis. Please fill in this form LEGIBLY. By the use of this form the user acknowledges and agrees with the Terms and Conditions as specified on the back page of the white - report copy.

1. If any water samples are taken from a **Regulated Drinking Water (DW) System**, please submit using an **Authorized DW COC form**.

ALS Canada Ltd.

right solutions.
right partner.

CERTIFICATE OF ANALYSIS

Work Order	: **BU2600876**	Page	: 1 of 74
Client	: **Worley Canada Services Ltd.**	Laboratory	: ALS Environmental - Burlington
Contact	: Graham Young	Account Manager	: Falguni Patel
Address	: 49 Quarry Park Blvd SE Calgary AB Canada T2C 5H9	Address	: 1435 Norjohn Court, Unit 1 Burlington ON Canada L7L 0E6
Telephone	: (403)968-1545	Telephone	: +1 905 331 3111
Project	: 217085-56230	Date Samples Received	: 25-Mar-2026 11:30
PO	: ----	Date Analysis Commenced	: 07-Apr-2026
C-O-C number	: ----	Issue Date	: 21-May-2026 15:52
Sampler	: Graham Young, Ryan Martin		
Site	: W 6-67-8 W5M		
Quote number	: SVOC/ICP Fish Tissue		
No. of samples received	: 22		
No. of samples analysed	: 22		

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

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

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

Signatories

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

Signatories	*Position*	*Laboratory Department*
Gamini Nadu	Analyst	Metals, Burlington, Ontario
Mark McHugh	Organic Prep Lab Supervisor	Organics, Burlington, Ontario
Sabir Ahmed	Analyst	Metals, Burlington, Ontario
Stephen Kennedy	Technical Department Manager	Organics, Burlington, Ontario
Twinkle Patel	Analyst	Organics, Burlington, Ontario

General Comments

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Refer to the ALS Quality Control Interpretive report (QCI) for applicable references and methodology summaries. Reference methods may incorporate modifications to improve performance.
Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

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

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

Key : CAS Number: Chemical Abstracts Services number is a unique identifier assigned to discrete substances
LOR: Limit of Reporting (detection limit).
Measurement Uncertainty: The reported uncertainties in this report are expanded uncertainties calculated using a coverage factor of 2, which gives a level of confidence of approximately 95%.
Surrogate: An analyte that is similar in behavior to target analyte(s), but that does not occur naturally in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery.

Unit	*Description*
%	percent
% wwt	% wet weight
g	grams
mg/kg	milligrams per kilogram
mg/kg wwt	milligrams per kilogram wet weight
ng/g wwt	nanograms per gram wet weight
pg/g wwt	picograms per gram wet weight

>: greater than.
<: less than.

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

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

Workorder Comments

1668C PCB: the relative percent difference (RPD) between the duplicate QC-2551069-004 and its parent sample was above the method control limit for 1 of 162 targets. All other targets replicate within limits where detected

1668C PCB: the relative percent difference (RPD) between the duplicate QC-2526235-004 and its parent sample was above the method control limit for 4 of 162 targets. All other targets replicate within limits where detected

PCDD/F: The relative percent difference between the duplicate QC-2526213-004 and its parent sample was above the control limit for OCDD. However, the detected level of OCDD was below the calibrated range.

Toxic and marker PCB: The relative percent differences between the duplicate QC-2526213-004 and its parent sample were above the control limit for these targets. The sample consisted of fish muscle tissue with tough pieces of skin and was difficult to homogenize well.

PCDD/F, toxic and marker PCBs: The sample [SVOC] CHBKTR4+ was re-extracted in duplicate, following further homogenization.

Qualifiers

Qualifier	*Description*
[B]	*The analyte was detected in the Method Blank at >10% of the sample concentration.*
[E]	*Estimated value. The reported concentration is above the calibration range of the instrument.*
[J]	*Estimated value. The reported concentration is below the calibrated range of the instrument but above the EDL.*
[U]	*The analyte was not detected above the EDL (or LOR where applicable).*
DLCI	*Detection Limit Raised: Chromatographic interference due to co-elution.*
EMPC	*Estimated Maximum Possible Concentration. The EDL (or LOR where applicable) for the analyte was raised to the level of the EMPC.*
F	*The ion abundance ratio(s) did not meet the acceptance criteria. Estimated Detection Limit for that compound has been elevated to the level of the EMPC.*
M	*Peak has been manually integrated.*

Analytical Results

BU2600876-001

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [MM] CHBKTR1+

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Physical Tests									
Moisture	----	79.2	-	0.50	%	E144/BU	-	21-Apr-2026	2548175
Metals									
Aluminum	7429-90-5	0.79	-	0.40	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Antimony	7440-36-0	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Arsenic	7440-38-2	0.0576	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Barium	7440-39-3	0.211	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Beryllium	7440-41-7	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Bismuth	7440-69-9	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Boron	7440-42-8	<0.20	-	0.20	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Cadmium	7440-43-9	<0.0010	-	0.0010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Calcium	7440-70-2	408	-	5.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Chromium	7440-47-3	<0.010	-	0.010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Cobalt	7440-48-4	0.0043	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Copper	7440-50-8	0.356	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Iron	7439-89-6	4.66	-	0.50	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Lead	7439-92-1	0.0109	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Lithium	7439-93-2	<0.10	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Magnesium	7439-95-4	278	-	1.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Manganese	7439-96-5	0.22	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Mercury	7439-97-6	0.0289	-	0.0062	mg/kg wwt	E524A/BU	20-Apr-2026	22-Apr-2026	2546559
Molybdenum	7439-98-7	<0.0040	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Nickel	7440-02-0	<0.040	-	0.040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Phosphorus	7723-14-0	2120	-	2.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Potassium	7440-09-7	2960	-	4.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Rubidium	7440-17-7	3.66	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Selenium	7782-49-2	0.192	-	0.010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Silver	7440-22-4	<0.0010	-	0.0010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560

Analytical Results

BU2600876-001

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [MM] CHBKTR1+

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Metals									
Sodium	7440-23-5	349	-	5.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Strontium	7440-24-6	0.583	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tellurium	13494-80-9	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Thallium	7440-28-0	0.00163	-	0.00040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tin	7440-31-5	0.132	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tungsten	7440-33-7	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Uranium	7440-61-1	<0.0040	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Vanadium	7440-62-2	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Zinc	7440-66-6	6.01	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Zirconium	7440-67-7	<0.060	-	0.060	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Aluminum	7429-90-5	3.8	-	2.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Antimony	7440-36-0	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Arsenic	7440-38-2	0.277	-	0.0200	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Barium	7440-39-3	1.01	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Beryllium	7440-41-7	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Bismuth	7440-69-9	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Boron	7440-42-8	<1.0	-	1.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Cadmium	7440-43-9	<0.0050	-	0.0050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Calcium	7440-70-2	1960	-	25	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Chromium	7440-47-3	<0.050	-	0.050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Cobalt	7440-48-4	0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Copper	7440-50-8	1.71	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Iron	7439-89-6	22.4	-	2.5	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Lead	7439-92-1	0.052	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Lithium	7439-93-2	<0.50	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Magnesium	7439-95-4	1330	-	5.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Manganese	7439-96-5	1.05	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Mercury	7439-97-6	0.139	-	0.031	mg/kg	E524/BU	20-Apr-2026	22-Apr-2026	2546562
Molybdenum	7439-98-7	<0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Nickel	7440-02-0	<0.20	-	0.20	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Phosphorus	7723-14-0	10200	-	10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Potassium	7440-09-7	14200	-	20	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Rubidium	7440-17-7	17.6	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Selenium	7782-49-2	0.924	-	0.050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Silver	7440-22-4	<0.0050	-	0.0050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Sodium	7440-23-5	1680	-	25	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Strontium	7440-24-6	2.80	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Tellurium	13494-80-9	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Thallium	7440-28-0	0.0078	-	0.0020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561

Analytical Results

BU2600876-001

Sub-Matrix: **Animal Tissue**
(Matrix: **Biota)**

Client sample ID: [MM] CHBKTR1+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Metals									
Tin	7440-31-5	0.63	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Tungsten	7440-33-7	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Uranium	7440-61-1	<0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Vanadium	7440-62-2	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Zinc	7440-66-6	28.9	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Zirconium	7440-67-7	<0.30	-	0.30	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Aggregate Organics									
Lipid content	----	1.74	-	0.50	% wwt	E145/BU	-	21-Apr-2026	2548184

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

Analytical Results

BU2600876-002

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [MM] CHBKTR2A+

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Physical Tests									
Moisture	----	76.8	-	0.50	%	E144/BU	-	21-Apr-2026	2548175
Metals									
Aluminum	7429-90-5	<0.40	-	0.40	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Antimony	7440-36-0	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Arsenic	7440-38-2	0.0060	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Barium	7440-39-3	0.071	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Beryllium	7440-41-7	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Bismuth	7440-69-9	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Boron	7440-42-8	<0.20	-	0.20	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Cadmium	7440-43-9	<0.0010	-	0.0010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Calcium	7440-70-2	249	-	5.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Chromium	7440-47-3	<0.010	-	0.010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Cobalt	7440-48-4	<0.0040	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Copper	7440-50-8	0.207	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Iron	7439-89-6	3.18	-	0.50	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Lead	7439-92-1	0.0042	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Lithium	7439-93-2	<0.10	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Magnesium	7439-95-4	296	-	1.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Manganese	7439-96-5	<0.10	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Mercury	7439-97-6	0.0932	-	0.0062	mg/kg wwt	E524A/BU	20-Apr-2026	22-Apr-2026	2546559
Molybdenum	7439-98-7	<0.0040	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Nickel	7440-02-0	<0.040	-	0.040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Phosphorus	7723-14-0	2280	-	2.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Potassium	7440-09-7	3730	-	4.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Rubidium	7440-17-7	6.08	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Selenium	7782-49-2	0.124	-	0.010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Silver	7440-22-4	<0.0010	-	0.0010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560

Analytical Results

BU2600876-002

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [MM] CHBKTR2A+

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Metals									
Sodium	7440-23-5	345	-	5.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Strontium	7440-24-6	0.317	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tellurium	13494-80-9	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Thallium	7440-28-0	0.00294	-	0.00040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tin	7440-31-5	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tungsten	7440-33-7	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Uranium	7440-61-1	<0.0040	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Vanadium	7440-62-2	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Zinc	7440-66-6	4.24	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Zirconium	7440-67-7	<0.060	-	0.060	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Aluminum	7429-90-5	<2.0	-	2.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Antimony	7440-36-0	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Arsenic	7440-38-2	0.0256	-	0.0200	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Barium	7440-39-3	0.31	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Beryllium	7440-41-7	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Bismuth	7440-69-9	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Boron	7440-42-8	<1.0	-	1.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Cadmium	7440-43-9	<0.0050	-	0.0050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Calcium	7440-70-2	1070	-	25	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Chromium	7440-47-3	<0.050	-	0.050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Cobalt	7440-48-4	<0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Copper	7440-50-8	0.89	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Iron	7439-89-6	13.7	-	2.5	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Lead	7439-92-1	<0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Lithium	7439-93-2	<0.50	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Magnesium	7439-95-4	1270	-	5.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Manganese	7439-96-5	<0.50	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Mercury	7439-97-6	0.401	-	0.031	mg/kg	E524/BU	20-Apr-2026	22-Apr-2026	2546562
Molybdenum	7439-98-7	<0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Nickel	7440-02-0	<0.20	-	0.20	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Phosphorus	7723-14-0	9790	-	10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Potassium	7440-09-7	16000	-	20	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Rubidium	7440-17-7	26.2	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Selenium	7782-49-2	0.534	-	0.050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Silver	7440-22-4	<0.0050	-	0.0050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Sodium	7440-23-5	1490	-	25	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Strontium	7440-24-6	1.36	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Tellurium	13494-80-9	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Thallium	7440-28-0	0.0127	-	0.0020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561

Analytical Results

BU2600876-002

Sub-Matrix: **Animal Tissue**
(Matrix: **Biota)**

Client sample ID: [MM] CHBKTR2A+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Metals									
Tin	7440-31-5	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Tungsten	7440-33-7	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Uranium	7440-61-1	<0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Vanadium	7440-62-2	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Zinc	7440-66-6	18.2	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Zirconium	7440-67-7	<0.30	-	0.30	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Aggregate Organics									
Lipid content	----	1.39	-	0.50	% wwt	E145/BU	-	21-Apr-2026	2548184

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

Analytical Results

BU2600876-003

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [MM] CHBKTR2B+

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Physical Tests									
Moisture	----	76.7	-	0.50	%	E144/BU	-	21-Apr-2026	2548175
Metals									
Aluminum	7429-90-5	<0.40	-	0.40	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Antimony	7440-36-0	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Arsenic	7440-38-2	0.0192	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Barium	7440-39-3	0.099	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Beryllium	7440-41-7	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Bismuth	7440-69-9	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Boron	7440-42-8	<0.20	-	0.20	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Cadmium	7440-43-9	<0.0010	-	0.0010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Calcium	7440-70-2	248	-	5.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Chromium	7440-47-3	<0.010	-	0.010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Cobalt	7440-48-4	0.0291	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Copper	7440-50-8	0.258	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Iron	7439-89-6	4.23	-	0.50	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Lead	7439-92-1	<0.0040	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Lithium	7439-93-2	<0.10	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Magnesium	7439-95-4	330	-	1.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Manganese	7439-96-5	0.12	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Mercury	7439-97-6	0.0718	-	0.0062	mg/kg wwt	E524A/BU	20-Apr-2026	22-Apr-2026	2546559
Molybdenum	7439-98-7	<0.0040	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Nickel	7440-02-0	<0.040	-	0.040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Phosphorus	7723-14-0	2620	-	2.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Potassium	7440-09-7	4410	-	4.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Rubidium	7440-17-7	8.53	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Selenium	7782-49-2	0.150	-	0.010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Silver	7440-22-4	<0.0010	-	0.0010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560

Analytical Results

BU2600876-003

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [MM] CHBKTR2B+

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Metals									
Sodium	7440-23-5	486	-	5.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Strontium	7440-24-6	0.343	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tellurium	13494-80-9	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Thallium	7440-28-0	0.00280	-	0.00040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tin	7440-31-5	0.029	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tungsten	7440-33-7	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Uranium	7440-61-1	<0.0040	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Vanadium	7440-62-2	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Zinc	7440-66-6	7.23	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Zirconium	7440-67-7	<0.060	-	0.060	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Aluminum	7429-90-5	<2.0	-	2.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Antimony	7440-36-0	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Arsenic	7440-38-2	0.0822	-	0.0200	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Barium	7440-39-3	0.42	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Beryllium	7440-41-7	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Bismuth	7440-69-9	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Boron	7440-42-8	<1.0	-	1.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Cadmium	7440-43-9	<0.0050	-	0.0050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Calcium	7440-70-2	1060	-	25	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Chromium	7440-47-3	<0.050	-	0.050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Cobalt	7440-48-4	0.125	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Copper	7440-50-8	1.11	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Iron	7439-89-6	18.1	-	2.5	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Lead	7439-92-1	<0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Lithium	7439-93-2	<0.50	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Magnesium	7439-95-4	1410	-	5.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Manganese	7439-96-5	0.51	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Mercury	7439-97-6	0.308	-	0.031	mg/kg	E524/BU	20-Apr-2026	22-Apr-2026	2546562
Molybdenum	7439-98-7	<0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Nickel	7440-02-0	<0.20	-	0.20	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Phosphorus	7723-14-0	11200	-	10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Potassium	7440-09-7	18900	-	20	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Rubidium	7440-17-7	36.6	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Selenium	7782-49-2	0.641	-	0.050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Silver	7440-22-4	<0.0050	-	0.0050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Sodium	7440-23-5	2080	-	25	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Strontium	7440-24-6	1.47	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Tellurium	13494-80-9	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Thallium	7440-28-0	0.0120	-	0.0020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561

Analytical Results

BU2600876-003

Sub-Matrix: **Animal Tissue**
(Matrix: **Biota)**

Client sample ID: [MM] CHBKTR2B+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Metals									
Tin	7440-31-5	0.12	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Tungsten	7440-33-7	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Uranium	7440-61-1	<0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Vanadium	7440-62-2	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Zinc	7440-66-6	31.0	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Zirconium	7440-67-7	<0.30	-	0.30	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Aggregate Organics									
Lipid content	----	1.74	-	0.50	% wwt	E145/BU	-	21-Apr-2026	2548184

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

Analytical Results

BU2600876-004

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [MM] CHBKTR3A+

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Physical Tests									
Moisture	----	76.9	-	0.50	%	E144/BU	-	21-Apr-2026	2548175
Metals									
Aluminum	7429-90-5	<0.40	-	0.40	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Antimony	7440-36-0	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Arsenic	7440-38-2	0.0117	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Barium	7440-39-3	0.144	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Beryllium	7440-41-7	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Bismuth	7440-69-9	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Boron	7440-42-8	<0.20	-	0.20	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Cadmium	7440-43-9	<0.0010	-	0.0010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Calcium	7440-70-2	342	-	5.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Chromium	7440-47-3	<0.010	-	0.010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Cobalt	7440-48-4	0.0068	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Copper	7440-50-8	0.289	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Iron	7439-89-6	5.06	-	0.50	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Lead	7439-92-1	0.0041	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Lithium	7439-93-2	<0.10	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Magnesium	7439-95-4	294	-	1.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Manganese	7439-96-5	<0.10	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Mercury	7439-97-6	0.0977	-	0.0062	mg/kg wwt	E524A/BU	20-Apr-2026	22-Apr-2026	2546559
Molybdenum	7439-98-7	<0.0040	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Nickel	7440-02-0	<0.040	-	0.040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Phosphorus	7723-14-0	2490	-	2.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Potassium	7440-09-7	4130	-	4.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Rubidium	7440-17-7	6.04	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Selenium	7782-49-2	0.147	-	0.010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Silver	7440-22-4	<0.0010	-	0.0010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560

Analytical Results

BU2600876-004

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [MM] CHBKTR3A+

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Metals									
Sodium	7440-23-5	402	-	5.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Strontium	7440-24-6	0.535	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tellurium	13494-80-9	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Thallium	7440-28-0	0.00234	-	0.00040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tin	7440-31-5	0.045	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tungsten	7440-33-7	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Uranium	7440-61-1	<0.0040	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Vanadium	7440-62-2	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Zinc	7440-66-6	7.39	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Zirconium	7440-67-7	<0.060	-	0.060	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Aluminum	7429-90-5	<2.0	-	2.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Antimony	7440-36-0	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Arsenic	7440-38-2	0.0506	-	0.0200	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Barium	7440-39-3	0.62	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Beryllium	7440-41-7	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Bismuth	7440-69-9	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Boron	7440-42-8	<1.0	-	1.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Cadmium	7440-43-9	<0.0050	-	0.0050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Calcium	7440-70-2	1480	-	25	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Chromium	7440-47-3	<0.050	-	0.050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Cobalt	7440-48-4	0.029	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Copper	7440-50-8	1.25	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Iron	7439-89-6	21.9	-	2.5	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Lead	7439-92-1	<0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Lithium	7439-93-2	<0.50	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Magnesium	7439-95-4	1270	-	5.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Manganese	7439-96-5	<0.50	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Mercury	7439-97-6	0.423	-	0.031	mg/kg	E524/BU	20-Apr-2026	22-Apr-2026	2546562
Molybdenum	7439-98-7	<0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Nickel	7440-02-0	<0.20	-	0.20	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Phosphorus	7723-14-0	10800	-	10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Potassium	7440-09-7	17900	-	20	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Rubidium	7440-17-7	26.2	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Selenium	7782-49-2	0.637	-	0.050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Silver	7440-22-4	<0.0050	-	0.0050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Sodium	7440-23-5	1740	-	25	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Strontium	7440-24-6	2.32	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Tellurium	13494-80-9	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Thallium	7440-28-0	0.0101	-	0.0020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561

Analytical Results

BU2600876-004

Sub-Matrix: **Animal Tissue**
(Matrix: **Biota)**

Client sample ID: [MM] CHBKTR3A+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Metals									
Tin	7440-31-5	0.19	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Tungsten	7440-33-7	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Uranium	7440-61-1	<0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Vanadium	7440-62-2	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Zinc	7440-66-6	32.0	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Zirconium	7440-67-7	<0.30	-	0.30	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Aggregate Organics									
Lipid content	----	1.55	-	0.50	% wwt	E145/BU	-	21-Apr-2026	2548184

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

Analytical Results

BU2600876-005

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [MM] CHBKTR3B+

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Physical Tests									
Moisture	----	76.6	-	0.50	%	E144/BU	-	21-Apr-2026	2548175
Metals									
Aluminum	7429-90-5	0.48	-	0.40	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Antimony	7440-36-0	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Arsenic	7440-38-2	0.0076	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Barium	7440-39-3	0.210	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Beryllium	7440-41-7	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Bismuth	7440-69-9	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Boron	7440-42-8	<0.20	-	0.20	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Cadmium	7440-43-9	<0.0010	-	0.0010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Calcium	7440-70-2	555	-	5.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Chromium	7440-47-3	<0.010	-	0.010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Cobalt	7440-48-4	0.0091	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Copper	7440-50-8	0.215	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Iron	7439-89-6	4.16	-	0.50	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Lead	7439-92-1	0.0060	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Lithium	7439-93-2	<0.10	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Magnesium	7439-95-4	316	-	1.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Manganese	7439-96-5	0.11	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Mercury	7439-97-6	0.0973	-	0.0062	mg/kg wwt	E524A/BU	20-Apr-2026	22-Apr-2026	2546559
Molybdenum	7439-98-7	<0.0040	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Nickel	7440-02-0	<0.040	-	0.040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Phosphorus	7723-14-0	2620	-	2.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Potassium	7440-09-7	4090	-	4.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Rubidium	7440-17-7	6.46	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Selenium	7782-49-2	0.151	-	0.010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Silver	7440-22-4	<0.0010	-	0.0010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560

Analytical Results

BU2600876-005

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [MM] CHBKTR3B+

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Metals									
Sodium	7440-23-5	378	-	5.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Strontium	7440-24-6	0.825	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tellurium	13494-80-9	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Thallium	7440-28-0	0.00195	-	0.00040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tin	7440-31-5	0.021	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tungsten	7440-33-7	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Uranium	7440-61-1	<0.0040	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Vanadium	7440-62-2	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Zinc	7440-66-6	4.63	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Zirconium	7440-67-7	<0.060	-	0.060	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Aluminum	7429-90-5	2.1	-	2.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Antimony	7440-36-0	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Arsenic	7440-38-2	0.0323	-	0.0200	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Barium	7440-39-3	0.90	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Beryllium	7440-41-7	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Bismuth	7440-69-9	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Boron	7440-42-8	<1.0	-	1.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Cadmium	7440-43-9	<0.0050	-	0.0050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Calcium	7440-70-2	2370	-	25	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Chromium	7440-47-3	<0.050	-	0.050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Cobalt	7440-48-4	0.039	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Copper	7440-50-8	0.92	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Iron	7439-89-6	17.8	-	2.5	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Lead	7439-92-1	0.026	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Lithium	7439-93-2	<0.50	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Magnesium	7439-95-4	1350	-	5.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Manganese	7439-96-5	<0.50	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Mercury	7439-97-6	0.416	-	0.031	mg/kg	E524/BU	20-Apr-2026	22-Apr-2026	2546562
Molybdenum	7439-98-7	<0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Nickel	7440-02-0	<0.20	-	0.20	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Phosphorus	7723-14-0	11200	-	10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Potassium	7440-09-7	17500	-	20	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Rubidium	7440-17-7	27.6	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Selenium	7782-49-2	0.645	-	0.050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Silver	7440-22-4	<0.0050	-	0.0050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Sodium	7440-23-5	1620	-	25	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Strontium	7440-24-6	3.52	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Tellurium	13494-80-9	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Thallium	7440-28-0	0.0083	-	0.0020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561

Analytical Results

BU2600876-005

Sub-Matrix: **Animal Tissue**
(Matrix: **Biota)**

Client sample ID: [MM] CHBKTR3B+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Metals									
Tin	7440-31-5	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Tungsten	7440-33-7	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Uranium	7440-61-1	<0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Vanadium	7440-62-2	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Zinc	7440-66-6	19.8	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Zirconium	7440-67-7	<0.30	-	0.30	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Aggregate Organics									
Lipid content	----	1.31	-	0.50	% wwt	E145/BU	-	21-Apr-2026	2548184

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

Analytical Results

BU2600876-006

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [MM] CHBKTR4+

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Physical Tests									
Moisture	----	76.3	-	0.50	%	E144/BU	-	21-Apr-2026	2548175
Metals									
Aluminum	7429-90-5	<0.40	-	0.40	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Antimony	7440-36-0	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Arsenic	7440-38-2	0.0058	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Barium	7440-39-3	0.127	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Beryllium	7440-41-7	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Bismuth	7440-69-9	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Boron	7440-42-8	<0.20	-	0.20	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Cadmium	7440-43-9	<0.0010	-	0.0010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Calcium	7440-70-2	434	-	5.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Chromium	7440-47-3	<0.010	-	0.010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Cobalt	7440-48-4	0.0100	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Copper	7440-50-8	0.298	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Iron	7439-89-6	4.46	-	0.50	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Lead	7439-92-1	0.0041	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Lithium	7439-93-2	<0.10	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Magnesium	7439-95-4	301	-	1.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Manganese	7439-96-5	0.12	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Mercury	7439-97-6	0.159	-	0.0062	mg/kg wwt	E524A/BU	20-Apr-2026	22-Apr-2026	2546559
Molybdenum	7439-98-7	<0.0040	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Nickel	7440-02-0	<0.040	-	0.040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Phosphorus	7723-14-0	2530	-	2.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Potassium	7440-09-7	4030	-	4.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Rubidium	7440-17-7	6.42	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Selenium	7782-49-2	0.118	-	0.010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Silver	7440-22-4	<0.0010	-	0.0010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560

Analytical Results

BU2600876-006

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [MM] CHBKTR4+

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Metals									
Sodium	7440-23-5	470	-	5.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Strontium	7440-24-6	0.563	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tellurium	13494-80-9	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Thallium	7440-28-0	0.00231	-	0.00040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tin	7440-31-5	0.157	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tungsten	7440-33-7	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Uranium	7440-61-1	<0.0040	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Vanadium	7440-62-2	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Zinc	7440-66-6	5.90	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Zirconium	7440-67-7	<0.060	-	0.060	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Aluminum	7429-90-5	<2.0	-	2.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Antimony	7440-36-0	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Arsenic	7440-38-2	0.0245	-	0.0200	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Barium	7440-39-3	0.54	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Beryllium	7440-41-7	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Bismuth	7440-69-9	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Boron	7440-42-8	<1.0	-	1.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Cadmium	7440-43-9	<0.0050	-	0.0050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Calcium	7440-70-2	1830	-	25	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Chromium	7440-47-3	<0.050	-	0.050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Cobalt	7440-48-4	0.042	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Copper	7440-50-8	1.26	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Iron	7439-89-6	18.8	-	2.5	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Lead	7439-92-1	<0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Lithium	7439-93-2	<0.50	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Magnesium	7439-95-4	1270	-	5.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Manganese	7439-96-5	0.51	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Mercury	7439-97-6	0.670	-	0.031	mg/kg	E524/BU	20-Apr-2026	22-Apr-2026	2546562
Molybdenum	7439-98-7	<0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Nickel	7440-02-0	<0.20	-	0.20	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Phosphorus	7723-14-0	10700	-	10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Potassium	7440-09-7	17000	-	20	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Rubidium	7440-17-7	27.1	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Selenium	7782-49-2	0.498	-	0.050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Silver	7440-22-4	<0.0050	-	0.0050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Sodium	7440-23-5	1990	-	25	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Strontium	7440-24-6	2.38	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Tellurium	13494-80-9	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Thallium	7440-28-0	0.0097	-	0.0020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561

Analytical Results

BU2600876-006

Sub-Matrix: **Animal Tissue**
(Matrix: **Biota)**

Client sample ID: [MM] CHBKTR4+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Metals									
Tin	7440-31-5	0.66	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Tungsten	7440-33-7	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Uranium	7440-61-1	<0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Vanadium	7440-62-2	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Zinc	7440-66-6	24.9	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Zirconium	7440-67-7	<0.30	-	0.30	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Aggregate Organics									
Lipid content	----	2.20	-	0.50	% wwt	E145/BU	-	21-Apr-2026	2548184

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

Analytical Results

BU2600876-007

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [MM] CHBKTR Unk

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Physical Tests									
Moisture	----	76.9	-	0.50	%	E144/BU	-	21-Apr-2026	2548175
Metals									
Aluminum	7429-90-5	0.40	-	0.40	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Antimony	7440-36-0	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Arsenic	7440-38-2	0.0074	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Barium	7440-39-3	0.132	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Beryllium	7440-41-7	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Bismuth	7440-69-9	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Boron	7440-42-8	<0.20	-	0.20	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Cadmium	7440-43-9	<0.0010	-	0.0010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Calcium	7440-70-2	330	-	5.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Chromium	7440-47-3	<0.010	-	0.010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Cobalt	7440-48-4	0.0078	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Copper	7440-50-8	0.273	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Iron	7439-89-6	4.27	-	0.50	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Lead	7439-92-1	<0.0040	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Lithium	7439-93-2	<0.10	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Magnesium	7439-95-4	298	-	1.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Manganese	7439-96-5	<0.10	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Mercury	7439-97-6	0.0762	-	0.0062	mg/kg wwt	E524A/BU	20-Apr-2026	22-Apr-2026	2546559
Molybdenum	7439-98-7	<0.0040	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Nickel	7440-02-0	<0.040	-	0.040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Phosphorus	7723-14-0	2520	-	2.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Potassium	7440-09-7	4070	-	4.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Rubidium	7440-17-7	5.57	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Selenium	7782-49-2	0.146	-	0.010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Silver	7440-22-4	<0.0010	-	0.0010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560

Analytical Results

BU2600876-007

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [MM] CHBKTR Unk

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Metals									
Sodium	7440-23-5	362	-	5.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Strontium	7440-24-6	0.535	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tellurium	13494-80-9	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Thallium	7440-28-0	0.00269	-	0.00040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tin	7440-31-5	0.076	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tungsten	7440-33-7	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Uranium	7440-61-1	<0.0040	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Vanadium	7440-62-2	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Zinc	7440-66-6	6.41	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Zirconium	7440-67-7	<0.060	-	0.060	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Aluminum	7429-90-5	<2.0	-	2.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Antimony	7440-36-0	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Arsenic	7440-38-2	0.0321	-	0.0200	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Barium	7440-39-3	0.57	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Beryllium	7440-41-7	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Bismuth	7440-69-9	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Boron	7440-42-8	<1.0	-	1.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Cadmium	7440-43-9	<0.0050	-	0.0050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Calcium	7440-70-2	1430	-	25	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Chromium	7440-47-3	<0.050	-	0.050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Cobalt	7440-48-4	0.034	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Copper	7440-50-8	1.19	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Iron	7439-89-6	18.5	-	2.5	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Lead	7439-92-1	<0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Lithium	7439-93-2	<0.50	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Magnesium	7439-95-4	1290	-	5.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Manganese	7439-96-5	<0.50	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Mercury	7439-97-6	0.331	-	0.031	mg/kg	E524/BU	20-Apr-2026	22-Apr-2026	2546562
Molybdenum	7439-98-7	<0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Nickel	7440-02-0	<0.20	-	0.20	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Phosphorus	7723-14-0	10900	-	10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Potassium	7440-09-7	17600	-	20	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Rubidium	7440-17-7	24.2	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Selenium	7782-49-2	0.634	-	0.050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Silver	7440-22-4	<0.0050	-	0.0050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Sodium	7440-23-5	1570	-	25	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Strontium	7440-24-6	2.32	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Tellurium	13494-80-9	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Thallium	7440-28-0	0.0117	-	0.0020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561

Analytical Results

BU2600876-007

Sub-Matrix: **Animal Tissue**
(Matrix: **Biota)**

Client sample ID: [MM] CHBKTR Unk
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Metals									
Tin	7440-31-5	0.33	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Tungsten	7440-33-7	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Uranium	7440-61-1	<0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Vanadium	7440-62-2	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Zinc	7440-66-6	27.8	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Zirconium	7440-67-7	<0.30	-	0.30	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Aggregate Organics									
Lipid content	----	2.37	-	0.50	% wwt	E145/BU	-	21-Apr-2026	2548184

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

Analytical Results

BU2600876-008

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [MM] HATCH

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Physical Tests									
Moisture	----	75.0	-	0.50	%	E144/BU	-	21-Apr-2026	2548175
Metals									
Aluminum	7429-90-5	0.52	-	0.40	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Antimony	7440-36-0	0.0086	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Arsenic	7440-38-2	0.436	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Barium	7440-39-3	0.093	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Beryllium	7440-41-7	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Bismuth	7440-69-9	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Boron	7440-42-8	<0.20	-	0.20	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Cadmium	7440-43-9	0.0015	-	0.0010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Calcium	7440-70-2	796	-	5.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Chromium	7440-47-3	<0.010	-	0.010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Cobalt	7440-48-4	0.0055	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Copper	7440-50-8	0.532	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Iron	7439-89-6	4.35	-	0.50	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Lead	7439-92-1	0.0084	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Lithium	7439-93-2	<0.10	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Magnesium	7439-95-4	319	-	1.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Manganese	7439-96-5	0.24	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Mercury	7439-97-6	0.0107	-	0.0062	mg/kg wwt	E524A/BU	20-Apr-2026	22-Apr-2026	2546559
Molybdenum	7439-98-7	0.0062	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Nickel	7440-02-0	<0.040	-	0.040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Phosphorus	7723-14-0	2720	-	2.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Potassium	7440-09-7	3900	-	4.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Rubidium	7440-17-7	2.22	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Selenium	7782-49-2	0.258	-	0.010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Silver	7440-22-4	<0.0010	-	0.0010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560

Analytical Results

BU2600876-008

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [MM] HATCH

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Metals									
Sodium	7440-23-5	628	-	5.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Strontium	7440-24-6	1.45	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tellurium	13494-80-9	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Thallium	7440-28-0	0.00162	-	0.00040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tin	7440-31-5	0.193	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tungsten	7440-33-7	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Uranium	7440-61-1	<0.0040	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Vanadium	7440-62-2	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Zinc	7440-66-6	9.58	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Zirconium	7440-67-7	<0.060	-	0.060	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Aluminum	7429-90-5	2.1	-	2.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Antimony	7440-36-0	0.034	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Arsenic	7440-38-2	1.74	-	0.0200	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Barium	7440-39-3	0.37	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Beryllium	7440-41-7	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Bismuth	7440-69-9	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Boron	7440-42-8	<1.0	-	1.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Cadmium	7440-43-9	0.0062	-	0.0050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Calcium	7440-70-2	3180	-	25	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Chromium	7440-47-3	<0.050	-	0.050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Cobalt	7440-48-4	0.022	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Copper	7440-50-8	2.13	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Iron	7439-89-6	17.4	-	2.5	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Lead	7439-92-1	0.034	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Lithium	7439-93-2	<0.50	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Magnesium	7439-95-4	1270	-	5.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Manganese	7439-96-5	0.97	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Mercury	7439-97-6	0.043	-	0.031	mg/kg	E524/BU	20-Apr-2026	22-Apr-2026	2546562
Molybdenum	7439-98-7	0.025	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Nickel	7440-02-0	<0.20	-	0.20	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Phosphorus	7723-14-0	10900	-	10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Potassium	7440-09-7	15600	-	20	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Rubidium	7440-17-7	8.85	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Selenium	7782-49-2	1.03	-	0.050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Silver	7440-22-4	<0.0050	-	0.0050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Sodium	7440-23-5	2510	-	25	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Strontium	7440-24-6	5.78	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Tellurium	13494-80-9	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Thallium	7440-28-0	0.0065	-	0.0020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561

Analytical Results

BU2600876-008

Sub-Matrix: **Animal Tissue**
(Matrix: **Biota)**

Client sample ID: [MM] HATCH
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Metals									
Tin	7440-31-5	0.77	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Tungsten	7440-33-7	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Uranium	7440-61-1	<0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Vanadium	7440-62-2	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Zinc	7440-66-6	38.3	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Zirconium	7440-67-7	<0.30	-	0.30	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Aggregate Organics									
Lipid content	----	4.98	-	0.50	% wwt	E145/BU	-	21-Apr-2026	2548184

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

Analytical Results

BU2600876-009

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [MM] CHBKTR SPLIT

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Physical Tests									
Moisture	----	77.2	-	0.50	%	E144/BU	-	21-Apr-2026	2548175
Metals									
Aluminum	7429-90-5	<0.40	-	0.40	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Antimony	7440-36-0	0.0049	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Arsenic	7440-38-2	0.0108	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Barium	7440-39-3	0.119	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Beryllium	7440-41-7	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Bismuth	7440-69-9	<0.0020	-	0.0020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Boron	7440-42-8	<0.20	-	0.20	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Cadmium	7440-43-9	<0.0010	-	0.0010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Calcium	7440-70-2	309	-	5.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Chromium	7440-47-3	0.084	-	0.010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Cobalt	7440-48-4	0.0097	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Copper	7440-50-8	0.355	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Iron	7439-89-6	5.78	-	0.50	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Lead	7439-92-1	0.0042	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Lithium	7439-93-2	<0.10	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Magnesium	7439-95-4	270	-	1.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Manganese	7439-96-5	<0.10	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Mercury	7439-97-6	0.0958	-	0.0062	mg/kg wwt	E524A/BU	20-Apr-2026	22-Apr-2026	2546559
Molybdenum	7439-98-7	<0.0040	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Nickel	7440-02-0	<0.040	-	0.040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Phosphorus	7723-14-0	2380	-	2.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Potassium	7440-09-7	3880	-	4.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Rubidium	7440-17-7	5.74	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Selenium	7782-49-2	0.141	-	0.010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Silver	7440-22-4	<0.0010	-	0.0010	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560

Analytical Results

BU2600876-009

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [MM] CHBKTR SPLIT

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Metals									
Sodium	7440-23-5	388	-	5.0	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Strontium	7440-24-6	0.491	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tellurium	13494-80-9	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Thallium	7440-28-0	0.00207	-	0.00040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tin	7440-31-5	0.111	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tungsten	7440-33-7	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Uranium	7440-61-1	<0.0040	-	0.0040	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Vanadium	7440-62-2	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Zinc	7440-66-6	5.42	-	0.10	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Zirconium	7440-67-7	<0.060	-	0.060	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Aluminum	7429-90-5	<2.0	-	2.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Antimony	7440-36-0	0.022	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Arsenic	7440-38-2	0.0476	-	0.0200	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Barium	7440-39-3	0.52	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Beryllium	7440-41-7	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Bismuth	7440-69-9	<0.010	-	0.010	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Boron	7440-42-8	<1.0	-	1.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Cadmium	7440-43-9	<0.0050	-	0.0050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Calcium	7440-70-2	1360	-	25	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Chromium	7440-47-3	0.367	-	0.050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Cobalt	7440-48-4	0.043	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Copper	7440-50-8	1.56	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Iron	7439-89-6	25.4	-	2.5	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Lead	7439-92-1	<0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Lithium	7439-93-2	<0.50	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Magnesium	7439-95-4	1180	-	5.0	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Manganese	7439-96-5	<0.50	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Mercury	7439-97-6	0.420	-	0.031	mg/kg	E524/BU	20-Apr-2026	22-Apr-2026	2546562
Molybdenum	7439-98-7	<0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Nickel	7440-02-0	<0.20	-	0.20	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Phosphorus	7723-14-0	10500	-	10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Potassium	7440-09-7	17000	-	20	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Rubidium	7440-17-7	25.2	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Selenium	7782-49-2	0.619	-	0.050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Silver	7440-22-4	<0.0050	-	0.0050	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Sodium	7440-23-5	1700	-	25	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Strontium	7440-24-6	2.16	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Tellurium	13494-80-9	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Thallium	7440-28-0	0.0091	-	0.0020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561

Analytical Results

BU2600876-009

Sub-Matrix: **Animal Tissue**
(Matrix: **Biota)**

Client sample ID: [MM] CHBKTR SPLIT
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Metals									
Tin	7440-31-5	0.49	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Tungsten	7440-33-7	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Uranium	7440-61-1	<0.020	-	0.020	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Vanadium	7440-62-2	<0.10	-	0.10	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Zinc	7440-66-6	23.8	-	0.50	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Zirconium	7440-67-7	<0.30	-	0.30	mg/kg	E464/BU	20-Apr-2026	22-Apr-2026	2546561
Aggregate Organics									
Lipid content	----	1.91	-	0.50	% wwt	E145/BU	-	21-Apr-2026	2548184

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

Analytical Results

BU2600876-010

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [MM] DORM-5

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Metals									
Aluminum	7429-90-5	222	-	1.88	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Antimony	7440-36-0	<0.0094	-	0.0094	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Arsenic	7440-38-2	12.7	-	0.0188	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Barium	7440-39-3	0.350	-	0.094	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Beryllium	7440-41-7	<0.0094	-	0.0094	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Bismuth	7440-69-9	<0.0094	-	0.0094	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Boron	7440-42-8	2.45	-	0.94	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Cadmium	7440-43-9	0.126	-	0.0047	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Calcium	7440-70-2	1670	-	23.5	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Chromium	7440-47-3	0.495	-	0.047	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Cobalt	7440-48-4	0.0593	-	0.0188	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Copper	7440-50-8	3.68	-	0.094	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Iron	7439-89-6	107	-	2.35	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Lead	7439-92-1	0.0682	-	0.0188	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Lithium	7439-93-2	<0.47	-	0.47	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Magnesium	7439-95-4	1120	-	4.7	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Manganese	7439-96-5	0.90	-	0.47	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Mercury	7439-97-6	0.253	-	0.0353	mg/kg wwt	E524A/BU	20-Apr-2026	22-Apr-2026	2546559
Molybdenum	7439-98-7	0.112	-	0.0188	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Nickel	7440-02-0	0.320	-	0.188	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Phosphorus	7723-14-0	5660	-	9.4	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Potassium	7440-09-7	10800	-	18.8	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Rubidium	7440-17-7	2.34	-	0.094	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Selenium	7782-49-2	2.16	-	0.047	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Silver	7440-22-4	0.109	-	0.0047	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Sodium	7440-23-5	8400	-	23.5	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560

Analytical Results

BU2600876-010

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [MM] DORM-5

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Metals									
Strontium	7440-24-6	9.23	-	0.094	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tellurium	13494-80-9	<0.094	-	0.094	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Thallium	7440-28-0	<0.00188	-	0.00188	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tin	7440-31-5	0.103	-	0.094	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Tungsten	7440-33-7	<0.020	-	0.020	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Uranium	7440-61-1	<0.0188	-	0.0188	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Vanadium	7440-62-2	0.321	-	0.094	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Zinc	7440-66-6	25.1	-	0.47	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560
Zirconium	7440-67-7	<0.282	-	0.282	mg/kg wwt	E464A/BU	20-Apr-2026	22-Apr-2026	2546560

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

Analytical Results

BU2600876-011

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] CHBKTR1+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Sample Preparation									
Weight, extraction (wet)	----	10.0478	-	0.0001	g	EP802B/BU	-	07-Apr-2026	2526213
Polychlorinated Dibenzo(p)dioxins									
TCDD, 2,3,7,8-	1746-01-6	<0.016 [U],	-	0.016	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDD, 1,2,3,7,8-	40321-76-4	<0.069 [U], F, M,	-	0.069	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD, 1,2,3,4,7,8-	39227-28-6	<0.067 [U], F,	-	0.067	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD, 1,2,3,6,7,8-	57653-85-7	<0.088 [U], F,	-	0.088	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD, 1,2,3,7,8,9-	19408-74-3	<0.033 [U],	-	0.033	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDD, 1,2,3,4,6,7,8-	35822-46-9	0.220 [J], M,	-	0.030	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDD	3268-87-9	0.813 [J], M,	-	0.12	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Polychlorinated Dibenzofurans									
TCDF, 2,3,7,8-	51207-31-9	0.744 M,	-	0.091	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF, 1,2,3,7,8-	57117-41-6	<0.046 [U],	-	0.046	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF, 2,3,4,7,8-	57117-31-4	<0.048 [U], F, M,	-	0.048	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 1,2,3,4,7,8-	70648-26-9	<0.051 [U],	-	0.051	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 1,2,3,6,7,8-	57117-44-9	<0.057 [U], F, M,	-	0.057	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 2,3,4,6,7,8-	60851-34-5	<0.050 [U],	-	0.050	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 1,2,3,7,8,9-	72918-21-9	<0.071 [U],	-	0.071	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF, 1,2,3,4,6,7,8-	67562-39-4	<0.046 [J], F,	-	0.046	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF, 1,2,3,4,7,8,9-	55673-89-7	<0.053 [U], F, M,	-	0.053	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDF	39001-02-0	<0.30 [J], F,	-	0.30	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Dioxin-like Polychlorinated Biphenyls									
PCB 081	70362-50-4	1.91	-	0.11	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 077	32598-13-3	14.6	-	0.11	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 123	65510-44-3	<4.7 [U], F, M,	-	4.7	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 118	31508-00-6	375	-	0.19	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 114	74472-37-0	14.1	-	0.20	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 105	32598-14-4	128	-	0.19	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 126	57465-28-8	2.61	-	0.23	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 167	52663-72-6	25.7	-	0.20	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 156	38380-08-4	47.9	-	0.21	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 157	69782-90-7	9.85	-	0.21	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 169	32774-16-6	<0.26 [U], M,	-	0.26	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 189	39635-31-9	5.13	-	0.12	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Marker Polychlorinated Biphenyls									
PCB 028	7012-37-5	0.0693	-	0.000017	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 052	35693-99-3	0.505	-	0.00010	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 101	37680-73-2	0.571 M,	-	0.000044	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 153	35065-27-1	0.773	-	0.00018	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 138	35065-28-2	0.551	-	0.00017	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 180	35065-29-3	0.432	-	0.00018	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
ICES-6 Marker PCBs, Total (ND=1*EDL)	n/a	2.90	-	0	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Dioxins and Furans Extraction Standards									
TCDD-13C12, 2,3,7,8-	76523-40-5	72.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDD-13C12, 1,2,3,7,8-	109719-79-1	71.7	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD-13C12, 1,2,3,4,7,8-	109719-80-4	74.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213

Analytical Results

BU2600876-011

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] CHBKTR1+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Dioxins and Furans Extraction Standards									
HxCDD-13C12, 1,2,3,6,7,8-	109719-81-5	75.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD-13C12, 1,2,3,7,8,9-	109719-82-6	65.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDD-13C12, 1,2,3,4,6,7,8-	109719-83-7	77.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDD-13C12	114423-97-1	58.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
TCDF-13C12, 2,3,7,8-	89059-46-1	74.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF-13C12, 1,2,3,7,8-	109719-77-9	72.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF-13C12, 2,3,4,7,8-	116843-02-8	72.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 1,2,3,4,7,8-	114423-98-2	76.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 1,2,3,6,7,8-	116843-03-9	75.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 2,3,4,6,7,8-	116843-05-1	74.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 1,2,3,7,8,9-	116843-04-0	63.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF-13C12, 1,2,3,4,6,7,8-	67562-39-4	83.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF-13C12, 1,2,3,4,7,8,9-	55673-89-7	69.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDF-13C12	109719-78-0	59.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Polychlorinated Biphenyls Extraction Standards									
PCB 028, 13C12	208263-76-7	61.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 052, 13C12	208263-80-3	59.7	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 081, 13C12	208461-24-9	66.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 077, 13C12	105600-23-5	70.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 101, 13C12	104130-39-4	66.2	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 123, 13C12	208263-64-3	65.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 118, 13C12	104130-40-7	70.7	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 114, 13C12	208263-63-2	66.2	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 105, 13C12	208263-62-1	68.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 126, 13C12	208263-65-4	69.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 153, 13C12	185376-58-3	67.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 138, 13C12	208263-66-5	70.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 167, 13C12	208263-69-8	68.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213

Analytical Results

BU2600876-011

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] CHBKTR1+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Polychlorinated Biphenyls Extraction Standards									
PCB 156, 13C12	208263-68-7	69.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 157, 13C12	235416-30-5	65.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 169, 13C12	208263-70-1	63.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 180, 13C12	208263-72-3	74.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 189, 13C12	208263-73-4	66.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Toxic Equivalency									
PCB TEQ - WHO 2005 (ND=0*EDL)	n/a	0.281	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB TEQ - WHO 2005 (ND=1*EDL)	n/a	0.289	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F TEQ - WHO 2005 (ND=0*EDL)	n/a	0.0769	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F TEQ - WHO 2005 (ND=1*EDL)	n/a	0.220	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F/PCB total TEQ - WHO 2005 (ND=0*EDL)	n/a	0.358	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F/PCB total TEQ - WHO 2005 (ND=1*EDL)	n/a	0.509	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213

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

Analytical Results

BU2600876-012

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] CHBKTR2A+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Sample Preparation									
Weight, extraction (wet)	----	10.1800	-	0.0001	g	EP802B/BU	-	07-Apr-2026	2526213
Polychlorinated Dibenzo(p)dioxins									
TCDD, 2,3,7,8-	1746-01-6	<0.024 [U],	-	0.024	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDD, 1,2,3,7,8-	40321-76-4	<0.033 [U],	-	0.033	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD, 1,2,3,4,7,8-	39227-28-6	<0.098 [U], F, M,	-	0.098	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD, 1,2,3,6,7,8-	57653-85-7	<0.045 [U], F, M,	-	0.045	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD, 1,2,3,7,8,9-	19408-74-3	<0.048 [U], F, M,	-	0.048	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDD, 1,2,3,4,6,7,8-	35822-46-9	<0.039 [U], F, M,	-	0.039	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDD	3268-87-9	0.480 [B], [J], M,	-	0.15	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Polychlorinated Dibenzofurans									
TCDF, 2,3,7,8-	51207-31-9	0.896 M,	-	0.054	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF, 1,2,3,7,8-	57117-41-6	<0.034 [U],	-	0.034	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF, 2,3,4,7,8-	57117-31-4	<0.062 [U], F, M,	-	0.062	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 1,2,3,4,7,8-	70648-26-9	<0.067 [U],	-	0.067	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 1,2,3,6,7,8-	57117-44-9	<0.071 [U], M,	-	0.071	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 2,3,4,6,7,8-	60851-34-5	<0.070 [U],	-	0.070	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 1,2,3,7,8,9-	72918-21-9	<0.098 [U],	-	0.098	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF, 1,2,3,4,6,7,8-	67562-39-4	<0.026 [U],	-	0.026	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF, 1,2,3,4,7,8,9-	55673-89-7	<0.050 [U], F, M,	-	0.050	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDF	39001-02-0	<0.10 [U],	-	0.10	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Dioxin-like Polychlorinated Biphenyls									
PCB 081	70362-50-4	2.40	-	0.14	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 077	32598-13-3	15.8	-	0.14	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 123	65510-44-3	<11 [M], F, M,	-	11	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 118	31508-00-6	759	-	0.56	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 114	74472-37-0	26.0	-	0.60	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 105	32598-14-4	263	-	0.59	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 126	57465-28-8	4.28	-	0.79	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 167	52663-72-6	47.5	-	0.33	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 156	38380-08-4	89.1	-	0.37	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 157	69782-90-7	18.6	-	0.37	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 169	32774-16-6	<0.50 [U],	-	0.50	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 189	39635-31-9	7.77	-	0.21	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Marker Polychlorinated Biphenyls									
PCB 028	7012-37-5	0.0389	-	0.000056	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 052	35693-99-3	0.129	-	0.00011	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 101	37680-73-2	0.762 M,	-	0.000053	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 153	35065-27-1	1.47	-	0.00078	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 138	35065-28-2	1.08	-	0.00086	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 180	35065-29-3	0.777	-	0.00043	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
ICES-6 Marker PCBs, Total (ND=1*EDL)	n/a	4.26	-	0	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Dioxins and Furans Extraction Standards									
TCDD-13C12, 2,3,7,8-	76523-40-5	69.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDD-13C12, 1,2,3,7,8-	109719-79-1	64.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD-13C12, 1,2,3,4,7,8-	109719-80-4	70.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213

Analytical Results

BU2600876-012

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] CHBKTR2A+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Dioxins and Furans Extraction Standards									
HxCDD-13C12, 1,2,3,6,7,8-	109719-81-5	69.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD-13C12, 1,2,3,7,8,9-	109719-82-6	62.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDD-13C12, 1,2,3,4,6,7,8-	109719-83-7	72.7	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDD-13C12	114423-97-1	55.7	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
TCDF-13C12, 2,3,7,8-	89059-46-1	67.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF-13C12, 1,2,3,7,8-	109719-77-9	62.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF-13C12, 2,3,4,7,8-	116843-02-8	65.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 1,2,3,4,7,8-	114423-98-2	73.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 1,2,3,6,7,8-	116843-03-9	70.7	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 2,3,4,6,7,8-	116843-05-1	68.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 1,2,3,7,8,9-	116843-04-0	60.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF-13C12, 1,2,3,4,6,7,8-	67562-39-4	79.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF-13C12, 1,2,3,4,7,8,9-	55673-89-7	65.7	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDF-13C12	109719-78-0	55.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Polychlorinated Biphenyls Extraction Standards									
PCB 028, 13C12	208263-76-7	57.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 052, 13C12	208263-80-3	57.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 081, 13C12	208461-24-9	56.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 077, 13C12	105600-23-5	57.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 101, 13C12	104130-39-4	63.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 123, 13C12	208263-64-3	60.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 118, 13C12	104130-40-7	64.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 114, 13C12	208263-63-2	61.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 105, 13C12	208263-62-1	61.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 126, 13C12	208263-65-4	54.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 153, 13C12	185376-58-3	68.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 138, 13C12	208263-66-5	64.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 167, 13C12	208263-69-8	64.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213

Analytical Results

BU2600876-012

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] CHBKTR2A+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Polychlorinated Biphenyls Extraction Standards									
PCB 156, 13C12	208263-68-7	61.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 157, 13C12	235416-30-5	57.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 169, 13C12	208263-70-1	52.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 180, 13C12	208263-72-3	72.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 189, 13C12	208263-73-4	62.2	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Toxic Equivalency									
PCB TEQ - WHO 2005 (ND=0*EDL)	n/a	0.467	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB TEQ - WHO 2005 (ND=1*EDL)	n/a	0.482	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F TEQ - WHO 2005 (ND=0*EDL)	n/a	0.0897	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F TEQ - WHO 2005 (ND=1*EDL)	n/a	0.218	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F/PCB total TEQ - WHO 2005 (ND=0*EDL)	n/a	0.556	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F/PCB total TEQ - WHO 2005 (ND=1*EDL)	n/a	0.700	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213

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

Analytical Results

BU2600876-013

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] CHBKTR2B+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Sample Preparation									
Weight, extraction (wet)	----	10.0733	-	0.0001	g	EP802B/BU	-	07-Apr-2026	2526213
Polychlorinated Dibenzo(p)dioxins									
TCDD, 2,3,7,8-	1746-01-6	<0.064 [U],	-	0.064	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDD, 1,2,3,7,8-	40321-76-4	<0.024 [U], M,	-	0.024	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD, 1,2,3,4,7,8-	39227-28-6	0.118 [J], M,	-	0.028	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD, 1,2,3,6,7,8-	57653-85-7	0.116 [J], M,	-	0.027	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD, 1,2,3,7,8,9-	19408-74-3	0.0407 [J], M,	-	0.030	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDD, 1,2,3,4,6,7,8-	35822-46-9	0.114 [J], M,	-	0.051	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDD	3268-87-9	0.671 [B], [J], M,	-	0.047	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Polychlorinated Dibenzofurans									
TCDF, 2,3,7,8-	51207-31-9	2.46 M,	-	0.063	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF, 1,2,3,7,8-	57117-41-6	<0.11 [U], F, M,	-	0.11	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF, 2,3,4,7,8-	57117-31-4	<0.061 [U], F, M,	-	0.061	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 1,2,3,4,7,8-	70648-26-9	<0.061 [U], F, M,	-	0.061	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 1,2,3,6,7,8-	57117-44-9	0.0784 [J],	-	0.042	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 2,3,4,6,7,8-	60851-34-5	<0.040 [U],	-	0.040	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 1,2,3,7,8,9-	72918-21-9	<0.056 [U],	-	0.056	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF, 1,2,3,4,6,7,8-	67562-39-4	0.0665 [J],	-	0.018	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF, 1,2,3,4,7,8,9-	55673-89-7	<0.041 [J], F,	-	0.041	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDF	39001-02-0	<0.075 [U], F, M,	-	0.075	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Dioxin-like Polychlorinated Biphenyls									
PCB 081	70362-50-4	6.81	-	0.39	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 077	32598-13-3	34.3	-	0.38	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 123	65510-44-3	31.3 M,	-	0.71	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 118	31508-00-6	2080	-	0.74	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 114	74472-37-0	69.2	-	0.82	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 105	32598-14-4	785	-	0.71	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 126	57465-28-8	11.7	-	0.97	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 167	52663-72-6	119	-	0.35	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 156	38380-08-4	228	-	0.37	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 157	69782-90-7	47.4	-	0.35	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 169	32774-16-6	<0.46 [U],	-	0.46	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 189	39635-31-9	19.1	-	0.24	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Marker Polychlorinated Biphenyls									
PCB 028	7012-37-5	0.0526	-	0.0000073	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 052	35693-99-3	0.282	-	0.00032	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 101	37680-73-2	2.14 [E], M,	-	0.00019	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 153	35065-27-1	3.78	-	0.0010	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 138	35065-28-2	2.93	-	0.0010	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 180	35065-29-3	1.95	-	0.00069	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
ICES-6 Marker PCBs, Total (ND=1*EDL)	n/a	11.1	-	0	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Dioxins and Furans Extraction Standards									
TCDD-13C12, 2,3,7,8-	76523-40-5	72.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDD-13C12, 1,2,3,7,8-	109719-79-1	72.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213

Analytical Results

BU2600876-013

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] CHBKTR2B+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Dioxins and Furans Extraction Standards									
HxCDD-13C12, 1,2,3,4,7,8-	109719-80-4	73.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD-13C12, 1,2,3,6,7,8-	109719-81-5	74.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD-13C12, 1,2,3,7,8,9-	109719-82-6	67.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDD-13C12, 1,2,3,4,6,7,8-	109719-83-7	78.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDD-13C12	114423-97-1	68.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
TCDF-13C12, 2,3,7,8-	89059-46-1	72.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF-13C12, 1,2,3,7,8-	109719-77-9	71.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF-13C12, 2,3,4,7,8-	116843-02-8	67.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 1,2,3,4,7,8-	114423-98-2	76.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 1,2,3,6,7,8-	116843-03-9	77.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 2,3,4,6,7,8-	116843-05-1	76.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 1,2,3,7,8,9-	116843-04-0	67.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF-13C12, 1,2,3,4,6,7,8-	67562-39-4	82.7	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF-13C12, 1,2,3,4,7,8,9-	55673-89-7	70.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDF-13C12	109719-78-0	67.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Polychlorinated Biphenyls Extraction Standards									
PCB 028, 13C12	208263-76-7	58.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 052, 13C12	208263-80-3	58.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 081, 13C12	208461-24-9	59.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 077, 13C12	105600-23-5	61.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 101, 13C12	104130-39-4	67.2	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 123, 13C12	208263-64-3	64.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 118, 13C12	104130-40-7	68.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 114, 13C12	208263-63-2	62.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 105, 13C12	208263-62-1	67.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 126, 13C12	208263-65-4	60.7	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 153, 13C12	185376-58-3	69.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 138, 13C12	208263-66-5	69.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213

Analytical Results

BU2600876-013

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] CHBKTR2B+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Polychlorinated Biphenyls Extraction Standards									
PCB 167, 13C12	208263-69-8	70.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 156, 13C12	208263-68-7	69.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 157, 13C12	235416-30-5	65.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 169, 13C12	208263-70-1	61.2	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 180, 13C12	208263-72-3	75.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 189, 13C12	208263-73-4	67.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Toxic Equivalency									
PCB TEQ - WHO 2005 (ND=0*EDL)	n/a	1.27	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB TEQ - WHO 2005 (ND=1*EDL)	n/a	1.29	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F TEQ - WHO 2005 (ND=0*EDL)	n/a	0.283	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F TEQ - WHO 2005 (ND=1*EDL)	n/a	0.409	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F/PCB total TEQ - WHO 2005 (ND=0*EDL)	n/a	1.56	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F/PCB total TEQ - WHO 2005 (ND=1*EDL)	n/a	1.70	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213

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

Analytical Results

BU2600876-014

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] CHBKTR3A+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Sample Preparation									
Weight, extraction (wet)	----	10.2163	-	0.0001	g	EP802B/BU	-	07-Apr-2026	2526213
Polychlorinated Dibenzo(p)dioxins									
TCDD, 2,3,7,8-	1746-01-6	<0.022 [U],	-	0.022	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDD, 1,2,3,7,8-	40321-76-4	<0.039 [U], M,	-	0.039	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD, 1,2,3,4,7,8-	39227-28-6	<0.069 [U], F, M,	-	0.069	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD, 1,2,3,6,7,8-	57653-85-7	<0.096 [U], F, M,	-	0.096	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD, 1,2,3,7,8,9-	19408-74-3	<0.040 [U],	-	0.040	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDD, 1,2,3,4,6,7,8-	35822-46-9	<0.19 [U], F, M,	-	0.19	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDD	3268-87-9	1.19 [B], M,	-	0.052	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Polychlorinated Dibenzofurans									
TCDF, 2,3,7,8-	51207-31-9	2.09 M,	-	0.088	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF, 1,2,3,7,8-	57117-41-6	<0.051 [U], F, M,	-	0.051	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF, 2,3,4,7,8-	57117-31-4	<0.13 [J], F,	-	0.13	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 1,2,3,4,7,8-	70648-26-9	<0.079 [U],	-	0.079	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 1,2,3,6,7,8-	57117-44-9	<0.073 [U], F, M,	-	0.073	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 2,3,4,6,7,8-	60851-34-5	<0.078 [U],	-	0.078	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 1,2,3,7,8,9-	72918-21-9	<0.11 [U],	-	0.11	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF, 1,2,3,4,6,7,8-	67562-39-4	0.180 [J],	-	0.024	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF, 1,2,3,4,7,8,9-	55673-89-7	<0.032 [U],	-	0.032	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDF	39001-02-0	0.298 [J], M,	-	0.058	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Dioxin-like Polychlorinated Biphenyls									
PCB 081	70362-50-4	6.17	-	0.13	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 077	32598-13-3	46.7	-	0.13	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 123	65510-44-3	<23 [U], F, M,	-	23	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 118	31508-00-6	1970	-	0.59	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 114	74472-37-0	61.7	-	0.60	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 105	32598-14-4	676	-	0.62	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 126	57465-28-8	12.2	-	0.80	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 167	52663-72-6	112	-	0.51	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 156	38380-08-4	209	-	0.51	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 157	69782-90-7	43.3	-	0.51	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 169	32774-16-6	<0.68 [U],	-	0.68	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 189	39635-31-9	18.2	-	0.30	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Marker Polychlorinated Biphenyls									
PCB 028	7012-37-5	0.125	-	0.000012	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 052	35693-99-3	0.424	-	0.00011	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 101	37680-73-2	2.00 M,	-	0.00021	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 153	35065-27-1	3.44	-	0.0023	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 138	35065-28-2	2.47	-	0.0025	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 180	35065-29-3	1.70	-	0.00082	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
ICES-6 Marker PCBs, Total (ND=1*EDL)	n/a	10.2	-	0	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Dioxins and Furans Extraction Standards									
TCDD-13C12, 2,3,7,8-	76523-40-5	78.2	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDD-13C12, 1,2,3,7,8-	109719-79-1	67.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD-13C12, 1,2,3,4,7,8-	109719-80-4	70.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213

Analytical Results

BU2600876-014

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] CHBKTR3A+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Dioxins and Furans Extraction Standards									
HxCDD-13C12, 1,2,3,6,7,8-	109719-81-5	70.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD-13C12, 1,2,3,7,8,9-	109719-82-6	67.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDD-13C12, 1,2,3,4,6,7,8-	109719-83-7	77.2	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDD-13C12	114423-97-1	64.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
TCDF-13C12, 2,3,7,8-	89059-46-1	70.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF-13C12, 1,2,3,7,8-	109719-77-9	66.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF-13C12, 2,3,4,7,8-	116843-02-8	65.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 1,2,3,4,7,8-	114423-98-2	72.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 1,2,3,6,7,8-	116843-03-9	75.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 2,3,4,6,7,8-	116843-05-1	72.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 1,2,3,7,8,9-	116843-04-0	60.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF-13C12, 1,2,3,4,6,7,8-	67562-39-4	78.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF-13C12, 1,2,3,4,7,8,9-	55673-89-7	69.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDF-13C12	109719-78-0	64.7	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Polychlorinated Biphenyls Extraction Standards									
PCB 028, 13C12	208263-76-7	59.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 052, 13C12	208263-80-3	60.2	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 081, 13C12	208461-24-9	61.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 077, 13C12	105600-23-5	63.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 101, 13C12	104130-39-4	66.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 123, 13C12	208263-64-3	66.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 118, 13C12	104130-40-7	67.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 114, 13C12	208263-63-2	64.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 105, 13C12	208263-62-1	65.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 126, 13C12	208263-65-4	60.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 153, 13C12	185376-58-3	69.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 138, 13C12	208263-66-5	64.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 167, 13C12	208263-69-8	61.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213

Analytical Results

BU2600876-014

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] CHBKTR3A+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Polychlorinated Biphenyls Extraction Standards									
PCB 156, 13C12	208263-68-7	64.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 157, 13C12	235416-30-5	61.2	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 169, 13C12	208263-70-1	57.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 180, 13C12	208263-72-3	70.7	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 189, 13C12	208263-73-4	63.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Toxic Equivalency									
PCB TEQ - WHO 2005 (ND=0*EDL)	n/a	1.32	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB TEQ - WHO 2005 (ND=1*EDL)	n/a	1.34	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F TEQ - WHO 2005 (ND=0*EDL)	n/a	0.211	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F TEQ - WHO 2005 (ND=1*EDL)	n/a	0.371	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F/PCB total TEQ - WHO 2005 (ND=0*EDL)	n/a	1.53	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F/PCB total TEQ - WHO 2005 (ND=1*EDL)	n/a	1.71	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213

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

Analytical Results

BU2600876-015

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] CHBKTR3B+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Sample Preparation									
Weight, extraction (wet)	----	10.1779	-	0.0001	g	EP802B/BU	-	07-Apr-2026	2526213
Polychlorinated Dibenzo(p)dioxins									
TCDD, 2,3,7,8-	1746-01-6	<0.020 [U],	-	0.020	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDD, 1,2,3,7,8-	40321-76-4	<0.028 [U], M,	-	0.028	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD, 1,2,3,4,7,8-	39227-28-6	<0.043 [U], F, M,	-	0.043	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD, 1,2,3,6,7,8-	57653-85-7	0.0648 [J], M,	-	0.032	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD, 1,2,3,7,8,9-	19408-74-3	0.0491 [J], M,	-	0.035	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDD, 1,2,3,4,6,7,8-	35822-46-9	<0.17 [U], F, M,	-	0.17	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDD	3268-87-9	0.632 [DI], [J], M,	-	0.064	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Polychlorinated Dibenzofurans									
TCDF, 2,3,7,8-	51207-31-9	0.924 M,	-	0.072	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF, 1,2,3,7,8-	57117-41-6	<0.081 [U], F, M,	-	0.081	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF, 2,3,4,7,8-	57117-31-4	<0.12 [U], F, M,	-	0.12	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 1,2,3,4,7,8-	70648-26-9	<0.045 [U],	-	0.045	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 1,2,3,6,7,8-	57117-44-9	<0.048 [U],	-	0.048	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 2,3,4,6,7,8-	60851-34-5	<0.046 [U],	-	0.046	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 1,2,3,7,8,9-	72918-21-9	<0.064 [U],	-	0.064	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF, 1,2,3,4,6,7,8-	67562-39-4	<0.044 [J], F,	-	0.044	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF, 1,2,3,4,7,8,9-	55673-89-7	<0.041 [U], F, M,	-	0.041	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDF	39001-02-0	<0.063 [U],	-	0.063	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Dioxin-like Polychlorinated Biphenyls									
PCB 081	70362-50-4	<2.3 F,	-	2.3	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 077	32598-13-3	17.1	-	0.037	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 123	65510-44-3	11.7 M,	-	0.23	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 118	31508-00-6	710	-	0.24	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 114	74472-37-0	23.9	-	0.24	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 105	32598-14-4	255	-	0.23	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 126	57465-28-8	5.05	-	0.30	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 167	52663-72-6	50.4	-	0.28	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 156	38380-08-4	91.8	-	0.29	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 157	69782-90-7	19.6	-	0.27	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 169	32774-16-6	<0.38 [U], F,	-	0.38	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 189	39635-31-9	8.79	-	0.16	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Marker Polychlorinated Biphenyls									
PCB 028	7012-37-5	0.0385	-	0.000012	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 052	35693-99-3	0.0993	-	0.000034	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 101	37680-73-2	0.681 M,	-	0.000034	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 153	35065-27-1	1.44	-	0.00086	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 138	35065-28-2	1.09	-	0.00092	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 180	35065-29-3	0.755	-	0.00032	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
ICES-6 Marker PCBs, Total (ND=1*EDL)	n/a	4.11	-	0	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Dioxins and Furans Extraction Standards									
TCDD-13C12, 2,3,7,8-	76523-40-5	79.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDD-13C12, 1,2,3,7,8-	109719-79-1	67.7	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD-13C12, 1,2,3,4,7,8-	109719-80-4	69.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213

Analytical Results

BU2600876-015

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] CHBKTR3B+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Dioxins and Furans Extraction Standards									
HxCDD-13C12, 1,2,3,6,7,8-	109719-81-5	70.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD-13C12, 1,2,3,7,8,9-	109719-82-6	65.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDD-13C12, 1,2,3,4,6,7,8-	109719-83-7	75.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDD-13C12	114423-97-1	60.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
TCDF-13C12, 2,3,7,8-	89059-46-1	68.2	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF-13C12, 1,2,3,7,8-	109719-77-9	64.7	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF-13C12, 2,3,4,7,8-	116843-02-8	66.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 1,2,3,4,7,8-	114423-98-2	74.2	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 1,2,3,6,7,8-	116843-03-9	74.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 2,3,4,6,7,8-	116843-05-1	74.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 1,2,3,7,8,9-	116843-04-0	64.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF-13C12, 1,2,3,4,6,7,8-	67562-39-4	79.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF-13C12, 1,2,3,4,7,8,9-	55673-89-7	66.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDF-13C12	109719-78-0	61.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Polychlorinated Biphenyls Extraction Standards									
PCB 028, 13C12	208263-76-7	56.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 052, 13C12	208263-80-3	56.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 081, 13C12	208461-24-9	64.2	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 077, 13C12	105600-23-5	65.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 101, 13C12	104130-39-4	61.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 123, 13C12	208263-64-3	63.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 118, 13C12	104130-40-7	66.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 114, 13C12	208263-63-2	63.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 105, 13C12	208263-62-1	65.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 126, 13C12	208263-65-4	63.7	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 153, 13C12	185376-58-3	65.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 138, 13C12	208263-66-5	61.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 167, 13C12	208263-69-8	61.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213

Analytical Results

BU2600876-015

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] CHBKTR3B+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Polychlorinated Biphenyls Extraction Standards									
PCB 156, 13C12	208263-68-7	64.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 157, 13C12	235416-30-5	62.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 169, 13C12	208263-70-1	60.7	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 180, 13C12	208263-72-3	71.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 189, 13C12	208263-73-4	64.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Toxic Equivalency									
PCB TEQ - WHO 2005 (ND=0*EDL)	n/a	0.542	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB TEQ - WHO 2005 (ND=1*EDL)	n/a	0.554	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F TEQ - WHO 2005 (ND=0*EDL)	n/a	0.104	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F TEQ - WHO 2005 (ND=1*EDL)	n/a	0.218	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F/PCB total TEQ - WHO 2005 (ND=0*EDL)	n/a	0.646	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F/PCB total TEQ - WHO 2005 (ND=1*EDL)	n/a	0.772	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213

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

Analytical Results

BU2600876-016

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] CHBKTR4+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Sample Preparation									
Weight, extraction (wet)	----	10.0256	-	0.0001	g	EP802B/BU	-	24-Apr-2026	2526213
Polychlorinated Dibenzo(p)dioxins									
TCDD, 2,3,7,8-	1746-01-6	<0.086 [U]	-	0.086	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PeCDD, 1,2,3,7,8-	40321-76-4	<0.18 [U]	-	0.18	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
HxCDD, 1,2,3,4,7,8-	39227-28-6	<0.26 [U]	-	0.26	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
HxCDD, 1,2,3,6,7,8-	57653-85-7	<0.26 [U]	-	0.26	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
HxCDD, 1,2,3,7,8,9-	19408-74-3	<0.32 [U]	-	0.32	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
HpCDD, 1,2,3,4,6,7,8-	35822-46-9	<0.58 [U]	-	0.58	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
OCDD	3268-87-9	<1.2 [U]	-	1.2	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
Polychlorinated Dibenzofurans									
TCDF, 2,3,7,8-	51207-31-9	0.410 [J, M]	-	0.094	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PeCDF, 1,2,3,7,8-	57117-41-6	<0.12 [U]	-	0.12	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PeCDF, 2,3,4,7,8-	57117-31-4	<0.11 [U, F, M]	-	0.11	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
HxCDF, 1,2,3,4,7,8-	70648-26-9	<0.18 [U]	-	0.18	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
HxCDF, 1,2,3,6,7,8-	57117-44-9	<0.14 [U]	-	0.14	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
HxCDF, 2,3,4,6,7,8-	60851-34-5	<0.17 [U]	-	0.17	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
HxCDF, 1,2,3,7,8,9-	72918-21-9	<0.19 [U]	-	0.19	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
HpCDF, 1,2,3,4,6,7,8-	67562-39-4	<0.70 [U, F, M]	-	0.70	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
HpCDF, 1,2,3,4,7,8,9-	55673-89-7	<0.24 [U]	-	0.24	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
OCDF	39001-02-0	<0.43 [U]	-	0.43	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
Dioxin-like Polychlorinated Biphenyls									
PCB 081	70362-50-4	<7.7 [U, M]	-	7.7	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 077	32598-13-3	10.8 [M]	-	0.085	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 123	65510-44-3	<17 [F, M]	-	17	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 118	31508-00-6	837	-	0.13	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 114	74472-37-0	25.0 [M]	-	0.13	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 105	32598-14-4	312	-	0.23	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 126	57465-28-8	<5.7 [U, F, M]	-	5.7	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 167	52663-72-6	66.5 [M]	-	0.30	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 156	38380-08-4	126 [M]	-	0.29	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 157	69782-90-7	21.1 [M]	-	0.29	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 169	32774-16-6	<0.31 [U, F, M]	-	0.31	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 189	39635-31-9	12.5 [M]	-	0.48	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
Marker Polychlorinated Biphenyls									
PCB 028	7012-37-5	0.0336	-	0.000037	ng/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 052	35693-99-3	0.0837	-	0.00012	ng/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 101	37680-73-2	0.688	-	0.00019	ng/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 153	35065-27-1	1.89 [M]	-	0.00028	ng/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 138	35065-28-2	1.36 [M]	-	0.00033	ng/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 180	35065-29-3	1.20	-	0.00068	ng/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
ICES-6 Marker PCBs, Total (ND=1*EDL)	n/a	5.26	-	0	ng/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
Dioxins and Furans Extraction Standards									
TCDD-13C12, 2,3,7,8-	76523-40-5	71.2	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PeCDD-13C12, 1,2,3,7,8-	109719-79-1	92.3	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
HxCDD-13C12, 1,2,3,4,7,8-	109719-80-4	73.4	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213

Analytical Results

BU2600876-016

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] CHBKTR4+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Dioxins and Furans Extraction Standards									
HxCDD-13C12, 1,2,3,6,7,8-	109719-81-5	69.0	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
HxCDD-13C12, 1,2,3,7,8,9-	109719-82-6	75.2	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
HpCDD-13C12, 1,2,3,4,6,7,8-	109719-83-7	80.0	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
OCDD-13C12	114423-97-1	60.5	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
TCDF-13C12, 2,3,7,8-	89059-46-1	80.0	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PeCDF-13C12, 1,2,3,7,8-	109719-77-9	84.4	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PeCDF-13C12, 2,3,4,7,8-	116843-02-8	86.5	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
HxCDF-13C12, 1,2,3,4,7,8-	114423-98-2	70.6	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
HxCDF-13C12, 1,2,3,6,7,8-	116843-03-9	71.2	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
HxCDF-13C12, 2,3,4,6,7,8-	116843-05-1	77.2	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
HxCDF-13C12, 1,2,3,7,8,9-	116843-04-0	76.5	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
HpCDF-13C12, 1,2,3,4,6,7,8-	67562-39-4	73.6	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
HpCDF-13C12, 1,2,3,4,7,8,9-	55673-89-7	79.5	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
OCDF-13C12	109719-78-0	72.0	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
Polychlorinated Biphenyls Extraction Standards									
PCB 028, 13C12	208263-76-7	72.7	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 052, 13C12	208263-80-3	70.6	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 081, 13C12	208461-24-9	69.5	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 077, 13C12	105600-23-5	71.6	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 101, 13C12	104130-39-4	74.1	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 123, 13C12	208263-64-3	83.4	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 118, 13C12	104130-40-7	83.7	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 114, 13C12	208263-63-2	82.4	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 105, 13C12	208263-62-1	78.3	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 126, 13C12	208263-65-4	85.7	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 153, 13C12	185376-58-3	73.3	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 138, 13C12	208263-66-5	77.7	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 167, 13C12	208263-69-8	78.3	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213

Analytical Results

BU2600876-016

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] CHBKTR4+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Polychlorinated Biphenyls Extraction Standards									
PCB 156, 13C12	208263-68-7	82.6	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 157, 13C12	235416-30-5	77.4	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 169, 13C12	208263-70-1	82.3	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 180, 13C12	208263-72-3	72.9	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB 189, 13C12	208263-73-4	78.2	-	0	%	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
Toxic Equivalency									
PCB TEQ - WHO 2005 (ND=0*EDL)	n/a	0.0431	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCB TEQ - WHO 2005 (ND=1*EDL)	n/a	0.621	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCDD/F TEQ - WHO 2005 (ND=0*EDL)	n/a	0.0410	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCDD/F TEQ - WHO 2005 (ND=1*EDL)	n/a	0.514	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCDD/F/PCB total TEQ - WHO 2005 (ND=0*EDL)	n/a	0.0841	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213
PCDD/F/PCB total TEQ - WHO 2005 (ND=1*EDL)	n/a	1.14	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	29-Apr-2026	2526213

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

Analytical Results

BU2600876-017

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] CHBKTR Unk
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Sample Preparation									
Weight, extraction (wet)	----	10.0898	-	0.0001	g	EP802B/BU	-	07-Apr-2026	2526213
Polychlorinated Dibenzo(p)dioxins									
TCDD, 2,3,7,8-	1746-01-6	0.185 [J]	-	0.029	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDD, 1,2,3,7,8-	40321-76-4	<0.025 [U]	-	0.025	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD, 1,2,3,4,7,8-	39227-28-6	<0.12 [U], F, M	-	0.12	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD, 1,2,3,6,7,8-	57653-85-7	<0.10 [U], F, M	-	0.10	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD, 1,2,3,7,8,9-	19408-74-3	<0.040 [U]	-	0.040	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDD, 1,2,3,4,6,7,8-	35822-46-9	<0.12 [U], F, M	-	0.12	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDD	3268-87-9	<0.31 [U], F, M	-	0.31	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Polychlorinated Dibenzofurans									
TCDF, 2,3,7,8-	51207-31-9	2.55 M	-	0.084	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF, 1,2,3,7,8-	57117-41-6	<0.14 [U], F, M	-	0.14	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF, 2,3,4,7,8-	57117-31-4	0.146 [J], M	-	0.059	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 1,2,3,4,7,8-	70648-26-9	<0.060 [U]	-	0.060	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 1,2,3,6,7,8-	57117-44-9	<0.056 [U]	-	0.056	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 2,3,4,6,7,8-	60851-34-5	<0.054 [U]	-	0.054	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 1,2,3,7,8,9-	72918-21-9	<0.088 [U]	-	0.088	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF, 1,2,3,4,6,7,8-	67562-39-4	<0.058 [U], M	-	0.058	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF, 1,2,3,4,7,8,9-	55673-89-7	<0.083 [U]	-	0.083	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDF	39001-02-0	<0.12 [J], F	-	0.12	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Dioxin-like Polychlorinated Biphenyls									
PCB 081	70362-50-4	<6.3 [U], F	-	6.3	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 077	32598-13-3	36.3	-	0.40	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 123	65510-44-3	<27 [U], F, M	-	27	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 118	31508-00-6	1840	-	0.48	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 114	74472-37-0	63.1	-	0.46	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 105	32598-14-4	669	-	0.46	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 126	57465-28-8	10.0	-	0.61	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 167	52663-72-6	103	-	0.40	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 156	38380-08-4	186	-	0.44	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 157	69782-90-7	44.7	-	0.48	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 169	32774-16-6	<1.0 F, M	-	1.0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 189	39635-31-9	15.7	-	0.17	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Marker Polychlorinated Biphenyls									
PCB 028	7012-37-5	0.0872	-	0.000022	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 052	35693-99-3	0.280	-	0.00038	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 101	37680-73-2	1.97	-	0.000027	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 153	35065-27-1	3.29	-	0.00067	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 138	35065-28-2	2.55	-	0.00068	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 180	35065-29-3	1.61	-	0.00035	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
ICES-6 Marker PCBs, Total (ND=1*EDL)	n/a	9.79	-	0	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Dioxins and Furans Extraction Standards									
TCDD-13C12, 2,3,7,8-	76523-40-5	64.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDD-13C12, 1,2,3,7,8-	109719-79-1	71.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD-13C12, 1,2,3,4,7,8-	109719-80-4	72.2	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213

Analytical Results

BU2600876-017

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] CHBKTR Unk
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Dioxins and Furans Extraction Standards									
HxCDD-13C12, 1,2,3,6,7,8-	109719-81-5	70.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD-13C12, 1,2,3,7,8,9-	109719-82-6	64.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDD-13C12, 1,2,3,4,6,7,8-	109719-83-7	74.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDD-13C12	114423-97-1	57.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
TCDF-13C12, 2,3,7,8-	89059-46-1	66.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF-13C12, 1,2,3,7,8-	109719-77-9	70.2	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF-13C12, 2,3,4,7,8-	116843-02-8	71.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 1,2,3,4,7,8-	114423-98-2	78.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 1,2,3,6,7,8-	116843-03-9	76.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 2,3,4,6,7,8-	116843-05-1	79.2	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 1,2,3,7,8,9-	116843-04-0	58.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF-13C12, 1,2,3,4,6,7,8-	67562-39-4	81.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF-13C12, 1,2,3,4,7,8,9-	55673-89-7	68.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDF-13C12	109719-78-0	54.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Polychlorinated Biphenyls Extraction Standards									
PCB 028, 13C12	208263-76-7	66.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 052, 13C12	208263-80-3	68.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 081, 13C12	208461-24-9	77.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 077, 13C12	105600-23-5	80.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 101, 13C12	104130-39-4	69.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 123, 13C12	208263-64-3	70.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 118, 13C12	104130-40-7	77.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 114, 13C12	208263-63-2	77.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 105, 13C12	208263-62-1	77.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 126, 13C12	208263-65-4	72.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 153, 13C12	185376-58-3	72.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 138, 13C12	208263-66-5	70.2	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 167, 13C12	208263-69-8	69.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213

Analytical Results

BU2600876-017

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] CHBKTR Unk
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Polychlorinated Biphenyls Extraction Standards									
PCB 156, 13C12	208263-68-7	73.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 157, 13C12	235416-30-5	61.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 169, 13C12	208263-70-1	61.2	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 180, 13C12	208263-72-3	78.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 189, 13C12	208263-73-4	65.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Toxic Equivalency									
PCB TEQ - WHO 2005 (ND=0*EDL)	n/a	1.10	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB TEQ - WHO 2005 (ND=1*EDL)	n/a	1.13	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F TEQ - WHO 2005 (ND=0*EDL)	n/a	0.484	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F TEQ - WHO 2005 (ND=1*EDL)	n/a	0.568	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F/PCB total TEQ - WHO 2005 (ND=0*EDL)	n/a	1.58	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F/PCB total TEQ - WHO 2005 (ND=1*EDL)	n/a	1.70	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213

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

Analytical Results

BU2600876-018

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] HATCH
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Sample Preparation									
Weight, extraction (wet)	----	10.1028	-	0.0001	g	EP802B/BU	-	07-Apr-2026	2526213
Polychlorinated Dibenzo(p)dioxins									
TCDD, 2,3,7,8-	1746-01-6	<0.017 [U], M,	-	0.017	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDD, 1,2,3,7,8-	40321-76-4	0.0188 [J], M,	-	0.013	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD, 1,2,3,4,7,8-	39227-28-6	<0.082 [U], F, M,	-	0.082	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD, 1,2,3,6,7,8-	57653-85-7	<0.099 [U], F, M,	-	0.099	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD, 1,2,3,7,8,9-	19408-74-3	<0.043 [U], M,	-	0.043	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDD, 1,2,3,4,6,7,8-	35822-46-9	0.198 [J], M,	-	0.022	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDD	3268-87-9	0.711 [B], [J],	-	0.047	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Polychlorinated Dibenzofurans									
TCDF, 2,3,7,8-	51207-31-9	<0.19 [U], F, M,	-	0.19	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF, 1,2,3,7,8-	57117-41-6	<0.045 [U], F, M,	-	0.045	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF, 2,3,4,7,8-	57117-31-4	<0.032 [U], F, M,	-	0.032	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 1,2,3,4,7,8-	70648-26-9	<0.040 [U], M,	-	0.040	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 1,2,3,6,7,8-	57117-44-9	<0.039 [U],	-	0.039	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 2,3,4,6,7,8-	60851-34-5	<0.040 [U],	-	0.040	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 1,2,3,7,8,9-	72918-21-9	<0.054 [U],	-	0.054	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF, 1,2,3,4,6,7,8-	67562-39-4	<0.075 [U], F,	-	0.075	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF, 1,2,3,4,7,8,9-	55673-89-7	<0.073 [U], F, M,	-	0.073	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDF	39001-02-0	<0.058 [U], F, M,	-	0.058	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Dioxin-like Polychlorinated Biphenyls									
PCB 081	70362-50-4	0.792 [B],	-	0.065	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 077	32598-13-3	5.93	-	0.062	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 123	65510-44-3	1.82 M,	-	0.081	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 118	31508-00-6	92.8	-	0.090	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 114	74472-37-0	3.06	-	0.090	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 105	32598-14-4	20.7	-	0.080	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 126	57465-28-8	<0.25 [U], F, M,	-	0.25	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 167	52663-72-6	2.11	-	0.043	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 156	38380-08-4	3.07	-	0.048	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 157	69782-90-7	0.977	-	0.046	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 169	32774-16-6	<0.055 [U], M,	-	0.055	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 189	39635-31-9	0.375 [J], M,	-	0.060	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Marker Polychlorinated Biphenyls									
PCB 028	7012-37-5	0.0995	-	0.0000043	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 052	35693-99-3	0.736	-	0.000061	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 101	37680-73-2	0.351 M,	-	0.000042	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 153	35065-27-1	0.0921	-	0.000078	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 138	35065-28-2	0.0661	-	0.000084	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 180	35065-29-3	0.0210	-	0.000058	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
ICES-6 Marker PCBs, Total (ND=1*EDL)	n/a	1.37	-	0	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Dioxins and Furans Extraction Standards									
TCDD-13C12, 2,3,7,8-	76523-40-5	69.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDD-13C12, 1,2,3,7,8-	109719-79-1	74.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213

Analytical Results

BU2600876-018

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] HATCH
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Dioxins and Furans Extraction Standards									
HxCDD-13C12, 1,2,3,4,7,8-	109719-80-4	69.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD-13C12, 1,2,3,6,7,8-	109719-81-5	69.7	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD-13C12, 1,2,3,7,8,9-	109719-82-6	64.7	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDD-13C12, 1,2,3,4,6,7,8-	109719-83-7	70.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDD-13C12	114423-97-1	56.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
TCDF-13C12, 2,3,7,8-	89059-46-1	73.2	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF-13C12, 1,2,3,7,8-	109719-77-9	70.7	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF-13C12, 2,3,4,7,8-	116843-02-8	68.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 1,2,3,4,7,8-	114423-98-2	72.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 1,2,3,6,7,8-	116843-03-9	73.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 2,3,4,6,7,8-	116843-05-1	70.7	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 1,2,3,7,8,9-	116843-04-0	63.2	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF-13C12, 1,2,3,4,6,7,8-	67562-39-4	78.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF-13C12, 1,2,3,4,7,8,9-	55673-89-7	67.2	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDF-13C12	109719-78-0	58.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Polychlorinated Biphenyls Extraction Standards									
PCB 028, 13C12	208263-76-7	63.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 052, 13C12	208263-80-3	60.2	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 081, 13C12	208461-24-9	68.7	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 077, 13C12	105600-23-5	71.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 101, 13C12	104130-39-4	65.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 123, 13C12	208263-64-3	65.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 118, 13C12	104130-40-7	66.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 114, 13C12	208263-63-2	67.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 105, 13C12	208263-62-1	66.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 126, 13C12	208263-65-4	65.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 153, 13C12	185376-58-3	64.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 138, 13C12	208263-66-5	60.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213

Analytical Results

BU2600876-018

Sub-Matrix: **Fish**
(Matrix: **Food)**

Client sample ID: [SVOC] HATCH
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Polychlorinated Biphenyls Extraction Standards									
PCB 167, 13C12	208263-69-8	65.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 156, 13C12	208263-68-7	62.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 157, 13C12	235416-30-5	62.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 169, 13C12	208263-70-1	62.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 180, 13C12	208263-72-3	68.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 189, 13C12	208263-73-4	61.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Toxic Equivalency									
PCB TEQ - WHO 2005 (ND=0*EDL)	n/a	0.00458	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB TEQ - WHO 2005 (ND=1*EDL)	n/a	0.0315	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F TEQ - WHO 2005 (ND=0*EDL)	n/a	0.0210	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F TEQ - WHO 2005 (ND=1*EDL)	n/a	0.109	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F/PCB total TEQ - WHO 2005 (ND=0*EDL)	n/a	0.0256	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F/PCB total TEQ - WHO 2005 (ND=1*EDL)	n/a	0.141	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213

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

Analytical Results

BU2600876-019

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] CHBKTR SPLIT
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Sample Preparation									
Weight, extraction (wet)	----	10.0790	-	0.0001	g	EP802B/BU	-	07-Apr-2026	2526213
Polychlorinated Dibenzo(p)dioxins									
TCDD, 2,3,7,8-	1746-01-6	<0.10 [UJ, F, M]	-	0.10	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDD, 1,2,3,7,8-	40321-76-4	<0.073 [UJ, F, M]	-	0.073	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD, 1,2,3,4,7,8-	39227-28-6	0.173 [J, M]	-	0.023	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD, 1,2,3,6,7,8-	57653-85-7	0.103 [J, M]	-	0.025	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD, 1,2,3,7,8,9-	19408-74-3	0.0724 [J]	-	0.026	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDD, 1,2,3,4,6,7,8-	35822-46-9	0.173 [J, M]	-	0.025	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDD	3268-87-9	0.607 [J, M]	-	0.036	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Polychlorinated Dibenzofurans									
TCDF, 2,3,7,8-	51207-31-9	4.31 [M]	-	0.088	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF, 1,2,3,7,8-	57117-41-6	<0.11 [UJ, F, M]	-	0.11	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF, 2,3,4,7,8-	57117-31-4	0.0873 [J]	-	0.029	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 1,2,3,4,7,8-	70648-26-9	<0.054 [UJ, F, M]	-	0.054	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 1,2,3,6,7,8-	57117-44-9	<0.13 [UJ, F, M]	-	0.13	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 2,3,4,6,7,8-	60851-34-5	<0.046 [UJ, M]	-	0.046	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF, 1,2,3,7,8,9-	72918-21-9	<0.061 [UJ]	-	0.061	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF, 1,2,3,4,6,7,8-	67562-39-4	<0.075 [UJ, F, M]	-	0.075	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF, 1,2,3,4,7,8,9-	55673-89-7	<0.051 [UJ, F, M]	-	0.051	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDF	39001-02-0	<0.050 [UJ, F, M]	-	0.050	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Dioxin-like Polychlorinated Biphenyls									
PCB 081	70362-50-4	9.79	-	0.075	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 077	32598-13-3	93.2	-	0.076	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 123	65510-44-3	54.5 [M]	-	0.74	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 118	31508-00-6	3500	-	0.82	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 114	74472-37-0	120	-	0.85	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 105	32598-14-4	1260	-	0.82	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 126	57465-28-8	23.7	-	1.1	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 167	52663-72-6	189	-	0.57	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 156	38380-08-4	363	-	0.59	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 157	69782-90-7	77.7	-	0.59	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 169	32774-16-6	<0.71 [UJ]	-	0.71	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 189	39635-31-9	27.9	-	0.23	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Marker Polychlorinated Biphenyls									
PCB 028	7012-37-5	0.225	-	0.0000076	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 052	35693-99-3	0.844	-	0.000058	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 101	37680-73-2	3.95	-	0.000013	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 153	35065-27-1	5.67	-	0.00083	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 138	35065-28-2	4.36	-	0.00088	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 180	35065-29-3	2.84	-	0.00045	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
ICES-6 Marker PCBs, Total (ND=1*EDL)	n/a	17.9	-	0	ng/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Dioxins and Furans Extraction Standards									
TCDD-13C12, 2,3,7,8-	76523-40-5	75.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDD-13C12, 1,2,3,7,8-	109719-79-1	76.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213

Analytical Results

BU2600876-019

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] CHBKTR SPLIT
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Dioxins and Furans Extraction Standards									
HxCDD-13C12, 1,2,3,4,7,8-	109719-80-4	76.2	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD-13C12, 1,2,3,6,7,8-	109719-81-5	76.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDD-13C12, 1,2,3,7,8,9-	109719-82-6	71.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDD-13C12, 1,2,3,4,6,7,8-	109719-83-7	82.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDD-13C12	114423-97-1	68.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
TCDF-13C12, 2,3,7,8-	89059-46-1	75.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF-13C12, 1,2,3,7,8-	109719-77-9	75.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PeCDF-13C12, 2,3,4,7,8-	116843-02-8	73.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 1,2,3,4,7,8-	114423-98-2	80.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 1,2,3,6,7,8-	116843-03-9	78.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 2,3,4,6,7,8-	116843-05-1	78.2	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HxCDF-13C12, 1,2,3,7,8,9-	116843-04-0	71.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF-13C12, 1,2,3,4,6,7,8-	67562-39-4	88.5	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
HpCDF-13C12, 1,2,3,4,7,8,9-	55673-89-7	76.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
OCDF-13C12	109719-78-0	68.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Polychlorinated Biphenyls Extraction Standards									
PCB 028, 13C12	208263-76-7	69.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 052, 13C12	208263-80-3	67.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 081, 13C12	208461-24-9	66.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 077, 13C12	105600-23-5	66.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 101, 13C12	104130-39-4	75.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 123, 13C12	208263-64-3	64.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 118, 13C12	104130-40-7	65.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 114, 13C12	208263-63-2	60.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 105, 13C12	208263-62-1	61.2	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 126, 13C12	208263-65-4	54.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 153, 13C12	185376-58-3	74.0	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 138, 13C12	208263-66-5	68.8	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213

Analytical Results

BU2600876-019

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] CHBKTR SPLIT
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Polychlorinated Biphenyls Extraction Standards									
PCB 167, 13C12	208263-69-8	63.9	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 156, 13C12	208263-68-7	64.7	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 157, 13C12	235416-30-5	60.4	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 169, 13C12	208263-70-1	58.1	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 180, 13C12	208263-72-3	80.6	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB 189, 13C12	208263-73-4	73.3	-	0	%	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
Toxic Equivalency									
PCB TEQ - WHO 2005 (ND=0*EDL)	n/a	2.55	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCB TEQ - WHO 2005 (ND=1*EDL)	n/a	2.58	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F TEQ - WHO 2005 (ND=0*EDL)	n/a	0.494	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F TEQ - WHO 2005 (ND=1*EDL)	n/a	0.702	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F/PCB total TEQ - WHO 2005 (ND=0*EDL)	n/a	3.05	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213
PCDD/F/PCB total TEQ - WHO 2005 (ND=1*EDL)	n/a	3.28	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	15-Apr-2026	2526213

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

Analytical Results

BU2600876-020

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] NIST 1974 - SRM
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Sample Preparation									
Weight, extraction (wet)	----	1.2514	-	0.0001	g	EP802B/BU	-	07-Apr-2026	2526213
Polychlorinated Dibenzo(p)dioxins									
TCDD, 2,3,7,8-	1746-01-6	<0.93 [U], F,	-	0.93	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PeCDD, 1,2,3,7,8-	40321-76-4	<0.28 [U], F, M,	-	0.28	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
HxCDD, 1,2,3,4,7,8-	39227-28-6	<0.79 [U], F, M,	-	0.79	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
HxCDD, 1,2,3,6,7,8-	57653-85-7	<0.68 [U], F, M,	-	0.68	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
HxCDD, 1,2,3,7,8,9-	19408-74-3	<0.58 [U], F, M,	-	0.58	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
HpCDD, 1,2,3,4,6,7,8-	35822-46-9	6.40 M,	-	0.21	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
OCDD	3268-87-9	29.0 [B],	-	1.3	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
Polychlorinated Dibenzofurans									
TCDF, 2,3,7,8-	51207-31-9	4.48 M,	-	0.28	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PeCDF, 1,2,3,7,8-	57117-41-6	1.17 [J], M,	-	0.31	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PeCDF, 2,3,4,7,8-	57117-31-4	<0.38 [U], F, M,	-	0.38	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
HxCDF, 1,2,3,4,7,8-	70648-26-9	<0.33 [U],	-	0.33	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
HxCDF, 1,2,3,6,7,8-	57117-44-9	<0.33 [U],	-	0.33	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
HxCDF, 2,3,4,6,7,8-	60851-34-5	<0.34 [U],	-	0.34	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
HxCDF, 1,2,3,7,8,9-	72918-21-9	<0.48 [U],	-	0.48	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
HpCDF, 1,2,3,4,6,7,8-	67562-39-4	<0.96 [U], F,	-	0.96	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
HpCDF, 1,2,3,4,7,8,9-	55673-89-7	<0.35 [U], F, M,	-	0.35	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
OCDF	39001-02-0	<1.4 [U], F, M,	-	1.4	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
Dioxin-like Polychlorinated Biphenyls									
PCB 081	70362-50-4	17.6	-	0.52	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 077	32598-13-3	211	-	0.50	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 123	65510-44-3	89.7 M,	-	1.5	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 118	31508-00-6	4340	-	1.7	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 114	74472-37-0	132	-	1.8	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 105	32598-14-4	1600	-	1.7	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 126	57465-28-8	11.7	-	2.1	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 167	52663-72-6	245	-	0.71	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 156	38380-08-4	302	-	0.78	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 157	69782-90-7	97.9	-	0.73	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 169	32774-16-6	<0.90 [U],	-	0.90	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 189	39635-31-9	22.8	-	0.51	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
Marker Polychlorinated Biphenyls									
PCB 028	7012-37-5	2.43	-	0.00061	ng/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 052	35693-99-3	2.54	-	0.00050	ng/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 101	37680-73-2	4.33 M,	-	0.00033	ng/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 153	35065-27-1	5.81	-	0.0029	ng/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 138	35065-28-2	4.97	-	0.0029	ng/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 180	35065-29-3	0.599	-	0.00057	ng/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
ICES-6 Marker PCBs, Total (ND=1*EDL)	n/a	20.7	-	0	ng/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
Dioxins and Furans Extraction Standards									
TCDD-13C12, 2,3,7,8-	76523-40-5	79.3	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PeCDD-13C12, 1,2,3,7,8-	109719-79-1	80.1	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
HxCDD-13C12, 1,2,3,4,7,8-	109719-80-4	77.6	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213

Analytical Results

BU2600876-020

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] NIST 1974 - SRM
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Dioxins and Furans Extraction Standards									
HxCDD-13C12, 1,2,3,6,7,8-	109719-81-5	74.7	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
HxCDD-13C12, 1,2,3,7,8,9-	109719-82-6	69.5	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
HpCDD-13C12, 1,2,3,4,6,7,8-	109719-83-7	84.7	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
OCDD-13C12	114423-97-1	67.6	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
TCDF-13C12, 2,3,7,8-	89059-46-1	78.2	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PeCDF-13C12, 1,2,3,7,8-	109719-77-9	77.9	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PeCDF-13C12, 2,3,4,7,8-	116843-02-8	81.4	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
HxCDF-13C12, 1,2,3,4,7,8-	114423-98-2	79.1	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
HxCDF-13C12, 1,2,3,6,7,8-	116843-03-9	79.0	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
HxCDF-13C12, 2,3,4,6,7,8-	116843-05-1	78.5	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
HxCDF-13C12, 1,2,3,7,8,9-	116843-04-0	66.5	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
HpCDF-13C12, 1,2,3,4,6,7,8-	67562-39-4	89.8	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
HpCDF-13C12, 1,2,3,4,7,8,9-	55673-89-7	75.8	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
OCDF-13C12	109719-78-0	67.2	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
Polychlorinated Biphenyls Extraction Standards									
PCB 028, 13C12	208263-76-7	57.2	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 052, 13C12	208263-80-3	59.1	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 081, 13C12	208461-24-9	70.0	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 077, 13C12	105600-23-5	73.2	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 101, 13C12	104130-39-4	71.4	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 123, 13C12	208263-64-3	72.2	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 118, 13C12	104130-40-7	74.5	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 114, 13C12	208263-63-2	73.0	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 105, 13C12	208263-62-1	75.7	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 126, 13C12	208263-65-4	74.8	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 153, 13C12	185376-58-3	76.1	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 138, 13C12	208263-66-5	78.7	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 167, 13C12	208263-69-8	77.8	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213

Analytical Results

BU2600876-020

Sub-Matrix: **Fish**
(Matrix: **Food**)

Client sample ID: [SVOC] NIST 1974 - SRM
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Polychlorinated Biphenyls Extraction Standards									
PCB 156, 13C12	208263-68-7	78.4	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 157, 13C12	235416-30-5	75.5	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 169, 13C12	208263-70-1	75.2	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 180, 13C12	208263-72-3	79.7	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB 189, 13C12	208263-73-4	75.5	-	0	%	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
Toxic Equivalency									
PCB TEQ - WHO 2005 (ND=0*EDL)	n/a	1.40	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCB TEQ - WHO 2005 (ND=1*EDL)	n/a	1.43	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCDD/F TEQ - WHO 2005 (ND=0*EDL)	n/a	0.556	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCDD/F TEQ - WHO 2005 (ND=1*EDL)	n/a	2.25	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCDD/F/PCB total TEQ - WHO 2005 (ND=0*EDL)	n/a	1.96	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213
PCDD/F/PCB total TEQ - WHO 2005 (ND=1*EDL)	n/a	3.68	-	0	pg/g wwt	XE785F/BU	07-Apr-2026	16-Apr-2026	2526213

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

Analytical Results

BU2600876-021

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [SVOC] CHBKTR3B+

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Polychlorinated Biphenyls									
PCB 001	2051-60-7	0.105 [J],	-	0.034	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 002	2051-61-8	0.171 [J, M],	-	0.036	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 003	2051-62-9	0.189 [J, M],	-	0.031	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 004	13029-08-8	0.380 [J, M],	-	0.10	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 010	33146-45-1	<0.042 [U],	-	0.042	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 009	34883-39-1	<0.10 [UJ, F, M],	-	0.10	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 007	33284-50-3	<0.039 [U],	-	0.039	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 006	25569-80-6	0.294 [J, M],	-	0.044	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 005	16605-91-7	<0.045 [U],	-	0.045	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 008	34883-43-7	0.694 [M],	-	0.040	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 014	34883-41-5	<0.13 [U],	-	0.13	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 011	2050-67-1	2.95 [B], M,	-	0.13	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 012+013	n/a	<0.12 [U],	-	0.12	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 015	2050-68-2	0.654	-	0.076	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 019	38444-73-4	<0.21 [UJ, F, M],	-	0.21	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 018+030	----	3.62	-	0.056	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 017	37680-66-3	1.88	-	0.065	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 027	38444-76-7	0.210 [J],	-	0.050	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 123	65510-44-3	12.3 [M],	-	0.17	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 024	55702-45-9	0.0535 [J],	-	0.048	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 016	38444-78-9	0.567 [B],	-	0.081	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 032	38444-77-8	0.468 [J],	-	0.046	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 034	37680-68-5	<0.087 [U],	-	0.087	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 023	55720-44-0	<0.081 [U],	-	0.081	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 026+029	----	3.91	-	0.080	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 025	55712-37-3	3.58	-	0.080	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 031	16606-02-3	13.6	-	0.078	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 020+028	----	26.1 [M],	-	0.077	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 021+033	----	0.331 [J, M],	-	0.080	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 022	38444-85-8	3.75	-	0.079	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 036	38444-87-0	<0.074 [U],	-	0.074	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 039	38444-88-1	0.265 [J, M],	-	0.071	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 038	53555-66-1	0.203 [J],	-	0.079	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 058	41464-49-7	<2.2 [U], ALCI, M,	-	2.2	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 035	37680-69-6	<0.084 [U], M,	-	0.084	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 037	38444-90-5	2.00	-	0.053	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 054	15968-05-5	0.137 [J],	-	0.045	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 050+053	----	4.75	-	0.075	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 045+051	----	4.67	-	0.079	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 046	41464-47-5	0.521	-	0.090	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 052	35693-99-3	145 [M],	-	0.078	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 073	74338-23-1	<0.29 [UJ, F, M],	-	0.29	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 043	70362-46-8	0.802 [M],	-	0.094	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 049+069	----	94.6	-	0.066	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 048	70362-47-9	4.56	-	0.073	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 044+047+065	----	122	-	0.071	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235

Analytical Results

BU2600876-021

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [SVOC] CHBKTR3B+

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Polychlorinated Biphenyls									
PCB 059+062+075	----	6.74	-	0.057	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 042	36559-22-5	17.3	-	0.091	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 040+041+071	----	3.08	-	0.075	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 064	52663-58-8	28.5	-	0.060	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 072	41464-42-0	5.74	-	0.19	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 068	73575-52-7	5.20	-	0.17	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 057	70424-67-8	1.36	-	0.19	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 067	73575-53-8	5.69	-	0.16	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 063	74472-34-7	9.11	-	0.19	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 061+070+074+076	----	307	-	0.18	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 066	32598-10-0	169	-	0.18	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 055	74338-24-2	0.987 [M]	-	0.18	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 056	41464-43-1	26.8	-	0.18	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 060	33025-41-1	20.6	-	0.18	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 080	33284-52-5	3.92 [M]	-	0.16	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 079	41464-48-6	7.46	-	0.16	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 078	70362-49-1	0.227 [J, M]	-	0.20	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 081	70362-50-4	1.20 [M]	-	0.15	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 077	32598-13-3	31.4	-	0.17	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 104	56558-16-8	<0.043 [U, F]	-	0.043	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 096	73575-54-9	<0.62 [U, F]	-	0.62	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 103	60145-21-3	10.1	-	0.100	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 094	73575-55-0	1.90	-	0.10	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 095	38379-99-6	270	-	0.11	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 093+098+100+102	----	21.5 [M]	-	0.096	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 088+091	----	57.7	-	0.10	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 084	52663-60-2	40.4	-	0.11	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 089	73575-57-2	1.37	-	0.12	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 121	56558-18-0	0.419 [J]	-	0.067	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 092	52663-61-3	176	-	0.11	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 090+101+113	----	903	-	0.085	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 083+099	----	564 [M]	-	0.097	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 112	74472-36-9	<0.62 [UJ, F, M]	-	0.62	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 086+087+097+109+119+125	----	345 [M]	-	0.068	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 085+110+115+116+117	----	960 [M]	-	0.092	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 082	52663-62-4	32.0	-	0.12	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 111	39635-32-0	2.13	-	0.064	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 120	68194-12-7	10.9	-	0.071	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 108+124	----	31.4	-	0.16	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 107	70424-68-9	89.9 [M]	-	0.14	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 106	70424-69-0	<0.18 [U, M]	-	0.18	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 118	31508-00-6	989 [M]	-	0.15	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 122	76842-07-4	7.78	-	0.22	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 114	74472-37-0	20.5	-	0.16	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 105	32598-14-4	357	-	0.16	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 127	39635-33-1	2.76	-	0.16	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235

Analytical Results

BU2600876-021

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [SVOC] CHBKTR3B+

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Polychlorinated Biphenyls									
PCB 126	57465-28-8	7.35	-	0.17	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 155	33979-03-2	0.342 [J], M,	-	0.029	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 152	68194-09-2	<0.67 [U], F, M,	-	0.67	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 150	68194-08-1	1.73	-	0.040	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 136	38411-22-2	47.2	-	0.046	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 145	74472-40-5	0.139 [J],	-	0.042	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 148	74472-41-6	3.83	-	0.061	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 135+151	----	379	-	0.059	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 154	60145-22-4	24.6	-	0.049	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 144	68194-14-9	51.7	-	0.062	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 147+149	----	914 M,	-	0.43	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 134+143	----	46.8 M,	-	0.56	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 139+140	----	24.4	-	0.43	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 131	61798-70-7	7.33	-	0.57	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 142	41411-61-4	<0.57 [U],	-	0.57	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 132	38380-05-1	235	-	0.47	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 133	35694-04-3	43.0	-	0.51	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 165	74472-46-1	4.50	-	0.34	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 146	51908-16-8	341 M,	-	0.38	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 161	74472-43-8	<0.36 [U], M,	-	0.36	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 153+168	----	2000	-	0.35	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 141	52712-04-6	291	-	0.44	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 130	52663-66-8	97.6	-	0.52	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 137+164	----	144 M,	-	0.39	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 129+138+163	----	2060 M,	-	0.46	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 160	41411-62-5	2.55 M,	-	0.32	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 158	74472-42-7	155 M,	-	0.30	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 128+166	----	223	-	0.40	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 159	39635-35-3	11.2	-	0.32	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 162	39635-34-2	8.23 M,	-	0.33	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 167	52663-72-6	66.7	-	0.33	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 156+157	----	135	-	0.48	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 169	32774-16-6	3.89 M,	-	0.47	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 188	74487-85-7	<1.0 [U], F,	-	1.0	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 179	52663-64-6	101	-	0.15	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 184	74472-48-3	0.632	-	0.14	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 176	52663-65-7	22.4	-	0.15	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 186	74472-49-4	<0.15 [U],	-	0.15	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 178	52663-67-9	98.4	-	0.22	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 175	40186-70-7	16.8	-	0.20	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 187	52663-68-0	534	-	0.18	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 182	60145-23-5	<3.3 [U], DLCI,	-	3.3	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 183	52663-69-1	243	-	0.19	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 185	52712-05-7	33.2 M,	-	0.21	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 174	38411-25-5	216 M,	-	0.21	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 177	52663-70-4	174	-	0.22	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235

Analytical Results

BU2600876-021

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [SVOC] CHBKTR3B+

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Polychlorinated Biphenyls									
PCB 181	74472-47-2	2.21	-	0.21	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 171+173	----	93.0	-	0.23	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 172	52663-74-8	70.3	-	0.22	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 192	74472-51-8	<0.18 [U],	-	0.18	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 180+193	----	799	-	0.18	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 191	74472-50-7	12.6	-	0.17	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 170	35065-30-6	261	-	0.23	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 190	41411-64-7	55.5	-	0.15	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 189	39635-31-9	10.5 [M],	-	0.23	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 202	2136-99-4	18.9	-	0.056	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 201	40186-71-8	13.1	-	0.074	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 204	74472-52-9	<0.13 [U], F,	-	0.13	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 197	33091-17-7	<3.7 [U], F,	-	3.7	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 200	52663-73-7	7.59 [U], F,	-	0.086	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 198+199	----	118	-	0.12	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 196	42740-50-1	51.5	-	0.12	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 203	52663-76-0	63.9	-	0.11	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 195	52663-78-2	32.6	-	0.15	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 194	35694-08-7	73.4	-	0.15	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 205	74472-53-0	4.57 [M],	-	0.18	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 208	52663-77-1	2.54	-	0.21	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 207	52663-79-3	2.26 [M],	-	0.28	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 206	40186-72-9	10.8 [M],	-	0.56	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 209	2051-24-3	<1.1 [U], F,	-	1.1	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
Monochlorinated biphenyls, total	27323-18-8	0.464 [J],	-	0.031	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
Dichlorinated biphenyls, total	25512-42-9	4.97 [J],	-	0.039	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
Trichlorinated biphenyls, total	25323-68-6	60.5 [J],	-	0.046	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
Tetrachlorinated biphenyls, total	26914-33-0	1030 [J],	-	0.045	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
Pentachlorinated biphenyls, total	25429-29-2	4910 [J],	-	0.022	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
Hexachlorinated biphenyls, total	26601-64-9	7320 [J],	-	0.029	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
Heptachlorinated biphenyls, total	28655-71-2	2740 [J],	-	0.12	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
Octachlorinated biphenyls, total	55722-26-4	383 [J],	-	0.056	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
Nonachlorinated biphenyls, total	53742-07-7	15.6 [J],	-	0.21	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
Decachlorobiphenyl	2051-24-3	<0.11 [U],	-	0.11	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
Polychlorinated biphenyls [PCBs], total	1336-36-3	16500 [J],	-	0	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
Polychlorinated Biphenyls Extraction Standards									
PCB 001, 13C12	234432-85-0	37.9	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 003, 13C12	208263-77-8	41.1	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 004, 13C12	234432-86-1	43.8	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 015, 13C12	208263-67-6	52.5	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 019, 13C12	234432-87-2	48.0	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235

Analytical Results

BU2600876-021

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [SVOC] CHBKTR3B+

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Polychlorinated Biphenyls Extraction Standards									
PCB 037, 13C12	208263-79-0	62.2	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 054, 13C12	234432-88-3	56.9	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 081, 13C12	208461-24-9	64.1	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 077, 13C12	105600-23-5	60.9	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 104, 13C12	234432-89-4	64.2	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 123, 13C12	208263-64-3	57.7	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 118, 13C12	104130-40-7	57.6	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 114, 13C12	208263-63-2	59.6	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 105, 13C12	208263-62-1	59.0	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 052, 13C12	208263-80-3	NR	-	0.1	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 126, 13C12	208263-65-4	55.0	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 155, 13C12	234432-90-7	64.7	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 167, 13C12	208263-69-8	67.9	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 156+157, 13C12	N/A	63.1	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 169, 13C12	208263-70-1	52.3	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 188, 13C12	234432-91-8	76.5	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 189, 13C12	208263-73-4	42.1	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 202, 13C12	105600-26-8	67.3	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 205, 13C12	234446-64-1	71.6	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 208, 13C12	234432-92-9	94.5	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 206, 13C12	208263-75-6	66.3	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 209, 13C12	105600-27-9	56.0	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
Polychlorinated Biphenyls Cleanup Standards									
PCB 028, 13C12	208263-76-7	62.8	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 111, 13C12	235416-29-2	67.4	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB 178, 13C12	232919-67-4	76.1	-	0	%	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
Toxic Equivalency									
PCB TEQ - WHO 2005 (ND=0*EDL)	n/a	0.903	-	0	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235
PCB TEQ - WHO 2005 (ND=0.5*EDL)	n/a	0.903	-	0	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235

Analytical Results

BU2600876-021

Sub-Matrix: **Animal Tissue**
(Matrix: **Biota)**

Client sample ID: [SVOC] CHBKTR3B+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Toxic Equivalency									
PCB TEQ - WHO 2005 (ND=1*EDL)	n/a	0.903	-	0	pg/g wwt	XE781A/BU	07-Apr-2026	18-Apr-2026	2526235

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

Analytical Results

BU2600876-022

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [SVOC] CHBKTR4+

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Aggregate Organics									
Lipid content	----	2.06	-	0.50	% wwt	E145/BU	-	23-Apr-2026	2552665
Polychlorinated Biphenyls									
PCB 001	2051-60-7	<0.11 [U],	-	0.11	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 002	2051-61-8	<0.12 [U],	-	0.12	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 003	2051-62-9	<0.26 [U], F, M,	-	0.26	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 004	13029-08-8	<0.45 [U],	-	0.45	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 010	33146-45-1	<0.25 [U],	-	0.25	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 009	34883-39-1	<0.26 [U],	-	0.26	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 007	33284-50-3	<0.24 [U],	-	0.24	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 006	25569-80-6	<0.26 [U],	-	0.26	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 005	16605-91-7	<0.24 [U],	-	0.24	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 008	34883-43-7	0.929 M,	-	0.26	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 014	34883-41-5	<0.27 [U],	-	0.27	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 011	2050-67-1	3.55 [B],	-	0.26	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 012+013	n/a	<0.25 [U], M,	-	0.25	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 015	2050-68-2	0.483 [J], M,	-	0.18	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 019	38444-73-4	0.310 [J], [U], F, M,	-	0.12	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 018+030	----	4.31 [B],	-	0.11	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 017	37680-66-3	1.48 [B], M,	-	0.12	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 027	38444-76-7	<0.094 [U],	-	0.094	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 123	65510-44-3	11.4	-	0.18	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 024	55702-45-9	<0.091 [U],	-	0.091	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 016	38444-78-9	0.800 [B], M,	-	0.15	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 032	38444-77-8	0.360 [J], M,	-	0.085	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 034	37680-68-5	<0.13 [U],	-	0.13	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 023	55720-44-0	<0.13 [U],	-	0.13	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 026+029	----	2.87	-	0.12	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 025	55712-37-3	1.94	-	0.13	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 031	16606-02-3	11.9	-	0.12	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 020+028	----	19.2	-	0.12	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 021+033	----	0.483 [B], [J], M,	-	0.13	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 022	38444-85-8	4.08 M,	-	0.13	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 036	38444-87-0	<0.12 [U],	-	0.12	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 039	38444-88-1	<0.11 [U],	-	0.11	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 038	53555-66-1	0.227 [J], [U], F, M,	-	0.13	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 058	41464-49-7	4.30 M,	-	0.22	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 035	37680-69-6	<0.14 [U],	-	0.14	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 037	38444-90-5	1.40	-	0.12	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 054	15968-05-5	<0.055 [U],	-	0.055	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 050+053	----	2.19 M,	-	0.24	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 045+051	----	2.67 [B], M,	-	0.25	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 046	41464-47-5	<0.37 [U], F,	-	0.37	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 052	35693-99-3	84.4 M,	-	0.26	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 073	74338-23-1	<0.22 [U], F, M,	-	0.22	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 043	70362-46-8	0.575 M,	-	0.29	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 049+069	----	49.0 M,	-	0.21	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235

Analytical Results

BU2600876-022

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [SVOC] CHBKTR4+

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Polychlorinated Biphenyls									
PCB 048	70362-47-9	3.09 [M]	-	0.23	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 044+047+065	----	65.0	-	0.23	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 059+062+075	----	4.72	-	0.19	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 042	36559-22-5	8.66	-	0.28	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 040+041+071	----	2.48 [M]	-	0.24	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 064	52663-58-8	19.5	-	0.19	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 072	41464-42-0	3.84	-	0.23	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 068	73575-52-7	3.48 [B]	-	0.20	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 057	70424-67-8	0.996	-	0.24	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 067	73575-53-8	3.17 [M]	-	0.21	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 063	74472-34-7	6.91 [M]	-	0.23	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 061+070+074+076	----	193	-	0.23	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 066	32598-10-0	111	-	0.23	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 055	74338-24-2	0.688	-	0.23	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 056	41464-43-1	17.2 [M]	-	0.23	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 060	33025-41-1	16.9 [M]	-	0.22	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 080	33284-52-5	1.86 [M]	-	0.20	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 079	41464-48-6	3.80 [M]	-	0.21	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 078	70362-49-1	<0.26 [U]	-	0.26	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 081	70362-50-4	0.712	-	0.24	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 077	32598-13-3	11.0 [M]	-	0.26	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 104	56558-16-8	<0.061 [U]	-	0.061	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 096	73575-54-9	<0.27 [U], F	-	0.27	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 103	60145-21-3	5.93 [M]	-	0.18	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 094	73575-55-0	<0.96 [U], F, M	-	0.96	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 095	38379-99-6	120 [M]	-	0.22	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 093+098+100+102	----	38.5 [M]	-	0.17	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 088+091	----	30.3	-	0.18	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 084	52663-60-2	19.1	-	0.19	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 089	73575-57-2	1.10	-	0.23	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 121	56558-18-0	0.292 [J]	-	0.12	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 092	52663-61-3	119 [M]	-	0.20	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 090+101+113	----	585 [M]	-	0.15	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 083+099	----	399 [M]	-	0.18	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 112	74472-36-9	1.03 [M]	-	0.13	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 086+087+097+109+119+125	----	268 [M]	-	0.15	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 085+110+115+116+117	----	455 [M]	-	0.14	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 082	52663-62-4	17.7 [M]	-	0.24	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 111	39635-32-0	<1.3 [U], F, M	-	1.3	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 120	68194-12-7	9.38	-	0.13	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 108+124	----	22.5	-	0.16	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 107	70424-68-9	63.4	-	0.14	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 106	70424-69-0	<0.19 [U]	-	0.19	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 118	31508-00-6	725	-	0.19	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 122	76842-07-4	4.68	-	0.22	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 114	74472-37-0	18.3	-	0.18	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235

Analytical Results

BU2600876-022

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [SVOC] CHBKTR4+

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Polychlorinated Biphenyls									
PCB 105	32598-14-4	250	-	0.18	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 127	39635-33-1	1.99	-	0.18	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 126	57465-28-8	<5.2 [U], EMPC, M,	-	5.2	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 155	33979-03-2	<0.25 [U], F, M,	-	0.25	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 152	68194-09-2	<0.14 [U], F, M,	-	0.14	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 150	68194-08-1	0.879 M,	-	0.047	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 136	38411-22-2	25.7 M,	-	0.054	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 145	74472-40-5	<0.049 [U], M,	-	0.049	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 148	74472-41-6	2.35	-	0.069	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 135+151	----	465 M,	-	0.14	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 154	60145-22-4	21.5 M,	-	0.031	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 144	68194-14-9	37.0	-	0.070	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 147+149	----	557 M,	-	0.36	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 134+143	----	26.6 M,	-	0.46	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 139+140	----	21.9 M,	-	0.36	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 131	61798-70-7	4.31	-	0.47	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 142	41411-61-4	<0.47 [U],	-	0.47	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 132	38380-05-1	125	-	0.40	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 133	35694-04-3	33.7	-	0.44	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 165	74472-46-1	<2.2 [U], F, M,	-	2.2	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 146	51908-16-8	286 M,	-	0.34	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 161	74472-43-8	<0.32 [U],	-	0.32	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 153+168	----	1810 M,	-	0.31	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 141	52712-04-6	260 M,	-	0.39	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 130	52663-66-8	76.6 M,	-	0.45	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 137+164	----	57.4 [J], F, M,	-	0.34	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 129+138+163	----	2310 M,	-	0.50	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 160	41411-62-5	7.26 M,	-	0.20	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 158	74472-42-7	130 M,	-	0.27	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 128+166	----	203	-	0.34	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 159	39635-35-3	5.87	-	0.29	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 162	39635-34-2	7.06	-	0.29	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 167	52663-72-6	53.1	-	0.29	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 156+157	----	112	-	0.50	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 169	32774-16-6	<4.1 [U], F, M,	-	4.1	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 188	74487-85-7	<0.76 [U], F,	-	0.76	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 179	52663-64-6	76.0 M,	-	0.15	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 184	74472-48-3	0.750 M,	-	0.13	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 176	52663-65-7	17.2	-	0.15	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 186	74472-49-4	<0.15 [U],	-	0.15	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 178	52663-67-9	89.6	-	0.21	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 175	40186-70-7	15.8	-	0.19	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 187	52663-68-0	475	-	0.16	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 182	60145-23-5	3.53	-	0.18	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 183	52663-69-1	216	-	0.17	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 185	52712-05-7	35.5	-	0.19	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235

Analytical Results

BU2600876-022

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [SVOC] CHBKTR4+

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Polychlorinated Biphenyls									
PCB 174	38411-25-5	133	-	0.18	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 177	52663-70-4	145 [M]	-	0.20	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 181	74472-47-2	2.65 [M]	-	0.18	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 171+173	----	91.8 [M]	-	0.20	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 172	52663-74-8	67.7	-	0.20	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 192	74472-51-8	<0.16 [U]	-	0.16	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 180+193	----	776 [M]	-	0.17	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 191	74472-50-7	12.4 [M]	-	0.15	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 170	35065-30-6	263	-	0.21	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 190	41411-64-7	55.7 [M]	-	0.14	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 189	39635-31-9	11.0	-	0.17	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 202	2136-99-4	15.3	-	0.042	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 201	40186-71-8	12.8	-	0.057	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 204	74472-52-9	0.133 [J]	-	0.060	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 197	33091-17-7	4.62	-	0.059	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 200	52663-73-7	5.65	-	0.063	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 198+199	----	128	-	0.084	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 196	42740-50-1	54.4	-	0.082	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 203	52663-76-0	68.8	-	0.073	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 195	52663-78-2	36.7	-	0.11	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 194	35694-08-7	83.7	-	0.11	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 205	74472-53-0	5.80 [M]	-	0.13	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 208	52663-77-1	2.99	-	0.15	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 207	52663-79-3	2.54	-	0.21	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 206	40186-72-9	12.5	-	0.33	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 209	2051-24-3	1.84	-	0.13	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
Monochlorinated biphenyls, total	27323-18-8	<0.100 [U]	-	0.100	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
Dichlorinated biphenyls, total	25512-42-9	4.96 [J]	-	0.18	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
Trichlorinated biphenyls, total	25323-68-6	49.3 [J]	-	0.085	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
Tetrachlorinated biphenyls, total	26914-33-0	621 [J]	-	0.055	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
Pentachlorinated biphenyls, total	25429-29-2	3170 [J]	-	0.061	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
Hexachlorinated biphenyls, total	26601-64-9	6640 [J]	-	0.022	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
Heptachlorinated biphenyls, total	28655-71-2	2490 [J]	-	0.11	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
Octachlorinated biphenyls, total	55722-26-4	416 [J]	-	0.042	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
Nonachlorinated biphenyls, total	53742-07-7	18.0 [J]	-	0.15	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
Decachlorobiphenyl	2051-24-3	1.84 [J]	-	0.13	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
Polychlorinated biphenyls [PCBs], total	1336-36-3	13400 [J]	-	0	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
Polychlorinated Biphenyls Extraction Standards									
PCB 001, 13C12	234432-85-0	32.0	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 003, 13C12	208263-77-8	35.6	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 004, 13C12	234432-86-1	50.4	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 015, 13C12	208263-67-6	45.2	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235

Analytical Results

BU2600876-022

Sub-Matrix: **Animal Tissue** (Matrix: **Biota**)

Client sample ID: [SVOC] CHBKTR4+

Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Polychlorinated Biphenyls Extraction Standards									
PCB 019, 13C12	234432-87-2	79.9	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 037, 13C12	208263-79-0	54.3	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 054, 13C12	234432-88-3	83.6	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 081, 13C12	208461-24-9	62.7	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 077, 13C12	105600-23-5	59.3	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 104, 13C12	234432-89-4	106	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 123, 13C12	208263-64-3	63.1	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 118, 13C12	104130-40-7	56.9	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 114, 13C12	208263-63-2	60.2	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 105, 13C12	208263-62-1	58.9	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 052, 13C12	208263-80-3	NR	-	0.1	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 126, 13C12	208263-65-4	52.0	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 155, 13C12	234432-90-7	92.6	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 167, 13C12	208263-69-8	74.2	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 156+157, 13C12	N/A	71.0	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 169, 13C12	208263-70-1	61.0	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 188, 13C12	234432-91-8	98.0	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 189, 13C12	208263-73-4	46.2	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 202, 13C12	105600-26-8	106	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 205, 13C12	234446-64-1	77.4	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 208, 13C12	234432-92-9	105	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 206, 13C12	208263-75-6	84.4	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 209, 13C12	105600-27-9	59.5	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
Polychlorinated Biphenyls Cleanup Standards									
PCB 028, 13C12	208263-76-7	54.1	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 111, 13C12	235416-29-2	70.3	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB 178, 13C12	232919-67-4	102	-	0	%	XE781A/BU	07-Apr-2026	01-May-2026	2526235
Toxic Equivalency									

Analytical Results

BU2600876-022

Sub-Matrix:**Animal Tissue**
(Matrix: **Biota)**

Client sample ID: [SVOC] CHBKTR4+
Client sampling date / time: 24-Sep-2025 12:00

Analyte	CAS Number	Result	Measurement Uncertainty	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Toxic Equivalency									
PCB TEQ - WHO 2005 (ND=0*EDL)	n/a	0.0367	-	0	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB TEQ - WHO 2005 (ND=0.5*EDL)	n/a	0.357	-	0	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235
PCB TEQ - WHO 2005 (ND=1*EDL)	n/a	0.678	-	0	pg/g wwt	XE781A/BU	07-Apr-2026	01-May-2026	2526235

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