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WATER MONITORING AND STANDARDS ELEMENT
BUREAU OF FRESHWATER AND BIOLOGICAL MONITORING
P.O. Box 420; Mail Code 35-01 TRENTON, NEW JERSEY

WORK/QUALITY ASSURANCE PROJECT PLAN

Fish Tissue Monitoring Program –

Round 2 Lower Delaware Targeted Region 2022 and Probabilistic Monitoring

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1.0 Project Name:

Fish Tissue Monitoring Program – Round 2 Lower Delaware Basin and Probabilistic Monitoring

2.0 Project Request:

Division of Water Monitoring and Standards, Bureau of Freshwater and Biological Monitoring and the Division of Science and Research

3.0 Date of Request:

April 2022

4.0 Date of Project Initiation:

May 2022

5.0 Project Fiscal Information: Job Number 33340000, Activity Code V6TK

6.0 Project Manager:

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7.0 Quality Assurance Officer:

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8.0 Special Training Needs/ Certifications

Crew leaders and assistants to the project will be trained in the operation and use of all sampling equipment including the proper safety and handling procedures for electroshocking equipment. The Project Manager or designee will be responsible for coordinating the necessary training. All crew members are required to adhere to the BFBM Field Work Health and Safety Plan developed in cooperation with NJDEP Office of Occupational Health and Safety (OOHS) and any addendums to address covid-19 precautions. Crew members must also adhere to any guidance provided by OOHS during the QAPP period. The boat operator will have a valid NJ boater safety or equivalent card certification. At least 1 crew member will be Red Cross AED/CPR certified. The Project Manager or designee will be responsible for coordinating necessary training. All staff present on electrofishing boat will be given a brief training and safety demonstration by the boat operator prior to each electrofishing event. Safe electrofishing boating conditions will be confirmed by the Project Manager when there are any questions regarding the safe handling of boats on large rivers and reservoirs.

9.0 Project Description:

9.1 Background:

Fish and shellfish consumption advisories due to chemical contamination were announced in New Jersey in the 1980s and 1990s. Data from Division of Science and Research (DSR) studies revealed that unacceptable risks existed for eating

certain amounts and species of fish and shellfish from some waters in the State. Statewide advisories were issued for consumption of selected fish species due to toxic contamination. The advisories are more restrictive for pregnant women, nursing mothers and young children. Many contaminants including polychlorinated biphenyl (PCBs) and mercury have been linked to birth defects, developmental problems, neurological problems and/or cancer. Current advisories are listed on NJDEP's Website www.FishSmartEatSmartNJ.org.

In addition to posing human health consumption concerns, many toxic contaminants can result in ecological impacts to fish and other biota. Many of the toxics of concern are persistent in the environment, accumulates in biological tissue, and biomagnifies in the food chain. Due to these magnifying characteristics, adverse impacts to non-aquatic, piscivorous (fish- eating) organisms may arise from low surface water column concentrations. To understand and track contaminant levels in fish tissue, the environment and to regularly propose and update consumption advisories fish samples must be collected and analyzed for persistent, bioaccumulative and toxic chemicals.

A routine tissue monitoring program was identified as a key gap in NJ's Long-term Monitoring and Assessment Strategy. Sampling fish tissue for advisories, and for assessing the CWA fish consumption use, had primarily been conducted in the past by DEP's Division of Science and Research on a research project-specific basis with external research institutions. A routine monitoring network within the Department was initially established in 2014 by the Bureau of Freshwater and Biological Monitoring (BFBM), working with DSR. This routine sampling leverages some existing monitoring program resources (e.g., electroshocking boats, supplies, and fisheries expertise) to provide regular, cost-efficient monitoring and ongoing data to meet the objectives below.

9.2 Objectives

The objective of this fish tissue monitoring program is to collect data on finfish from New Jersey's freshwater bodies for contaminants of concern in fish tissue for the following purposes:

- Provide current and more comprehensive data on concentrations of toxic contaminants in fish to assess human health risks and update/recommend fish consumption advisories.
- Provide data to assess the impairment of the fish consumption designated use of the waterbodies sampled.
- Provide data to assess the overall status and trends in levels of contaminants that contribute to use impairment and fish consumption advisories.
- Collect additional data on emerging contaminants in fish tissue as prioritized by DSR. DSR will identify the parameters and methods to be used for any emerging contaminants to be included and identify the contract laboratory. BFBM will coordinate sample delivery to laboratory.

Data Quality Objectives:

For fish tissue analysis, total mercury will be measured for all fish collected. Polychlorinated biphenyls (PCBs; congener specific) will be measured in common carp, catfish sp. or American eels at selected sites. Measuring bias, precision, accuracy, and sensitivity must meet the standards outlined in USEPA Method 1631 for total mercury, and USEPA Method 1668A for PCBs. PFAS will be measured at select sites using lab contracted for emerging contaminants using an approved method during the contracting process, since there is currently no final EPA certified method for quantifying PFAS in fish tissue. Additional contaminants (e.g., selenium, PBDEs, Dioxins and furans, pesticides) may be measured on a site-specific basis for selected species as agreed upon with DSR.

9.3 Monitoring Design/ Site Selection:

Monitoring Design

The Fish Tissue Monitoring Program employs two types of monitoring designs (Table 1). The *Targeted Regional Network* design follows a rotating basin approach; in which waterbodies are targeted and sampled within a defined water region in each year (Figure 1). New Jersey has five water regions and are rotated clockwise in the following order (Northwest, Northeast, Raritan, Atlantic, and Lower Delaware). Waterbodies are targeted for sampling based on the following criteria: prior data available for trends analysis, targeting areas of concern, targeting popular angling locations, sampling in unassessed HUC-14 watersheds per the Integrated Water Quality Assessment Report, and updating consumption advisories. This component of the targeted tissue monitoring can include rivers/streams, although most waterbodies included are primarily lakes and ponds. For 2022, the Lower Delaware Region is targeted.

Figure 1. NJDEP- BFBM/DSR targeted monitoring by rotating basin and schedule year for sampling. New Jersey has five major water regions and are rotated in the following order (Northwest, Northeast, Raritan, Atlantic, and Lower Delaware).

The second monitoring design is *Probabilistic*, meaning that sites are selected randomly, and includes only lakes/ponds. Lakes were selected for the probabilistic design because they often receive more angling pressure, have greater access both to anglers and to sampling staff, and fish movement is generally limited to within each lake. A total of 50 probabilistic lakes (greater than 5 surface acres) were generated using a Generalized Random Tessellation Stratified (GRTS; Stevens and Olsen, 2004) survey design performed using the "sp survey" package (Kincaid and Olsen, 2016) in R (a free software environment for statistical computing and graphics). Lakes that are private (not generally open to public fishing access), tidally influenced, quarry pits (active mining), retention ponds, segments of larger lakes, and waterbodies that do not constitute a "lake" are non-target sites and are not considered for sampling. The probabilistic lakes sampled each year do not necessarily correspond with the current rotating basin, rather they are sampled in numerical order of the randomly generated site list. This probabilistic monitoring design will provide a statistical statewide status estimate of total mercury concentrations in fish from public New Jersey lakes greater than 5 acres in size.

Site Selection:

Targeted Regional Network- A total of 19 sites were chosen for 2022 sampling within the Lower Delaware region (Figure 2, Table 2a). These sites were selected in cooperation with the DSR. Sampling locations were selected from areas where contaminated fish tissue is of concern and past data is available to assess trends in contaminant levels that contribute to use impairment and fish consumption advisories. These sites are also targeted because they have known fishing access and angling pressure. Additionally, sites were included in watershed HUC14's that have no previous fish tissue data and thus are deemed "insufficient data" in the New Jersey's Integrated Water Quality Assessment Reports. Other sites of concern may be added to the site list, as agreed upon with DSR, if the schedule and budget allows.

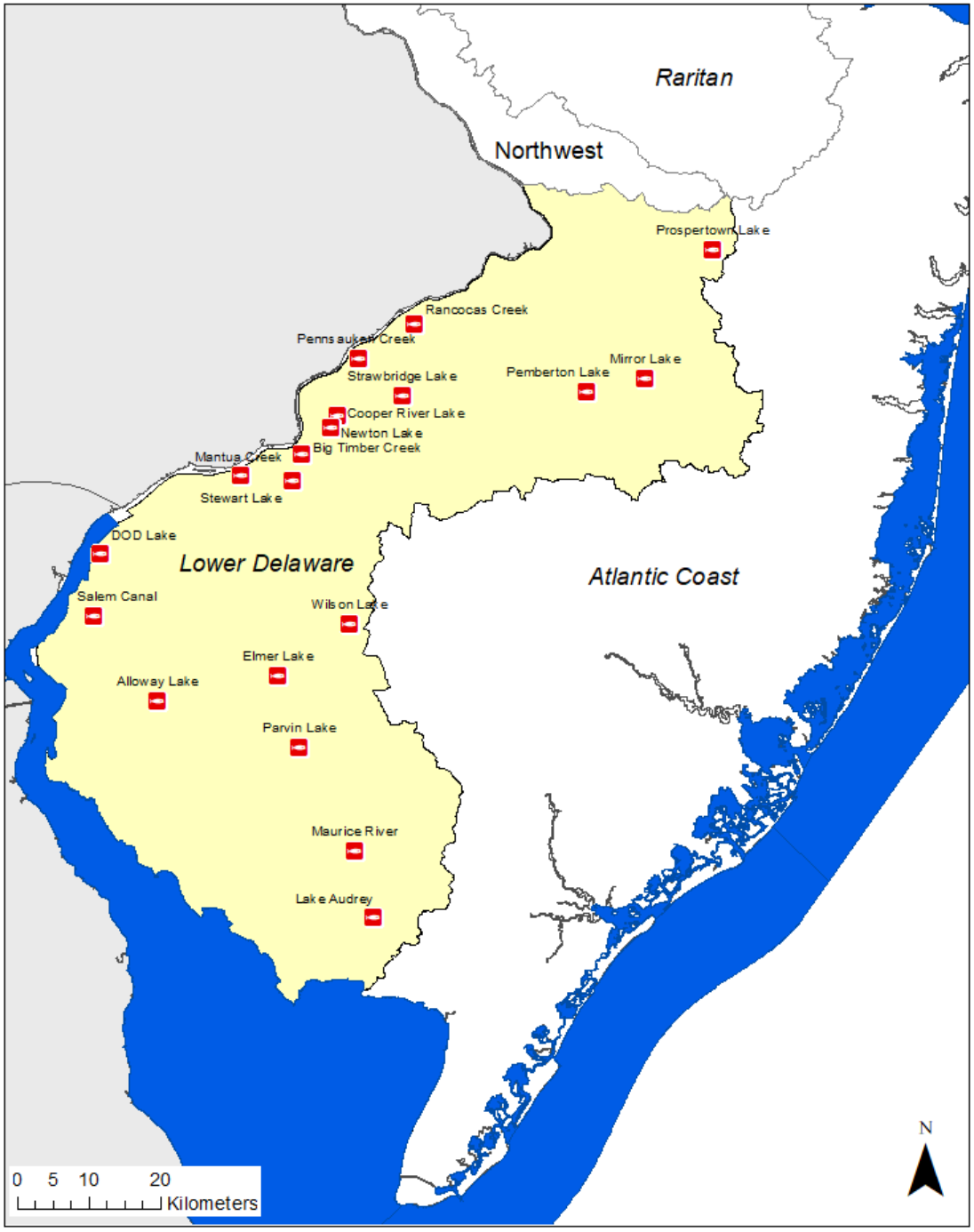

Figure 2. Routine Fish Tissue Monitoring sites in Lower Delaware region scheduled for sampling in 2022.

Probabilistic Lake Network- Approximately 10 probabilistic lakes will be sampled for fish tissue each year until 50 lakes are completed. Probabilistic lakes that may be for sampled in 2022 are listed in Table 2c and Figure 3. The first 50 lakes (in sequential order) which are accessible to the sampling gear and permissible to sample will be selected. Lakes that do not meet the sampling criteria will be eliminated.

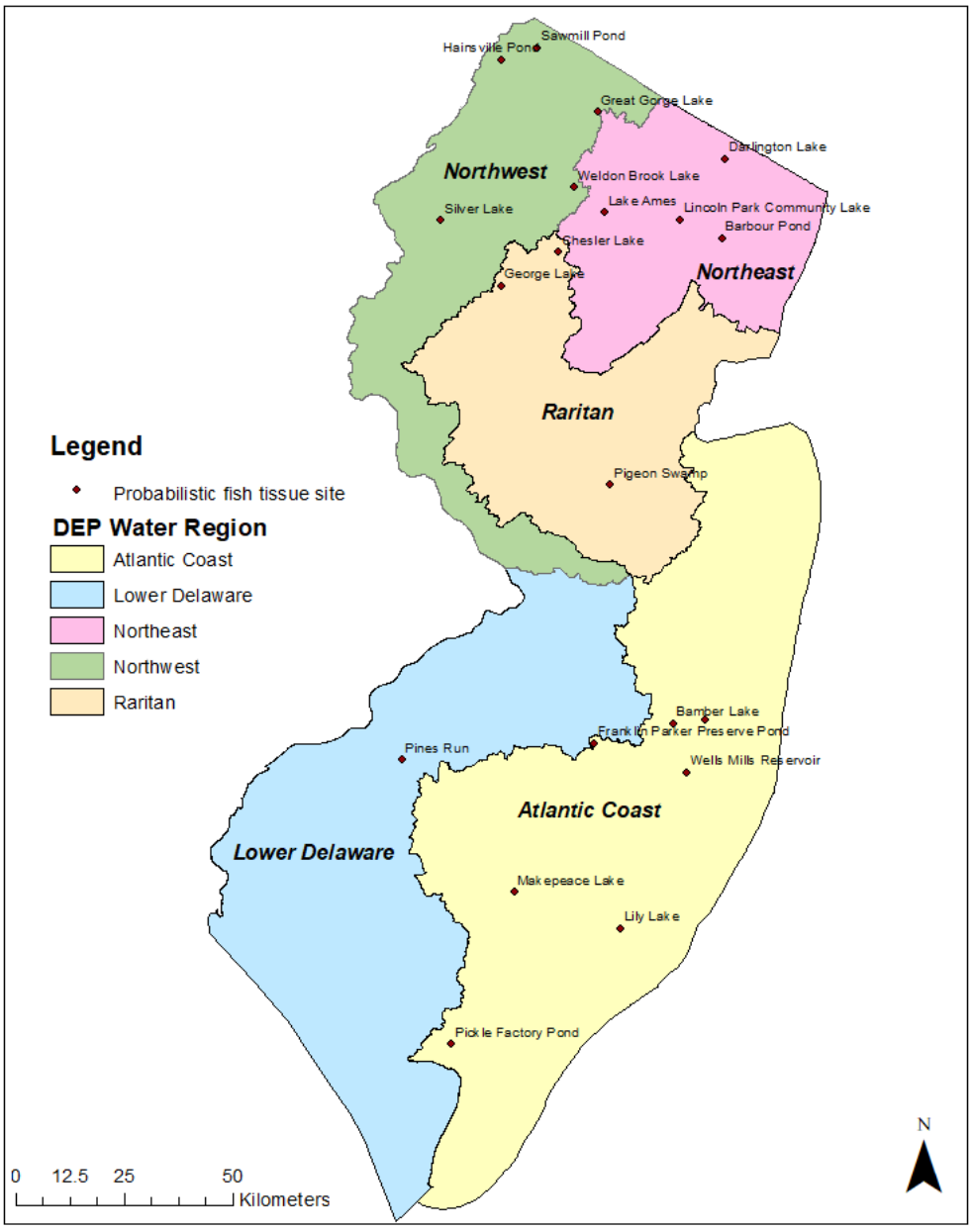

Figure 3. Probabilistic fish tissue sites.

Field Collection: Sampling locations will be established using an approved global positioning system (GPS) device (Trimble GeoExplorer 2008 or newer model) at each boat launching location. Subsequently, all sampling locations will be verified by sampling staff during each sampling event using an approved GPS

device. The individual location of each fish taken for sample is not recorded via GPS.

Fish will be collected primarily through DC boat electrofishing; however, other methods will be used if necessary (e.g., traps, gillnets or hook and line).

Electrofishing is inherently dangerous and therefore boat crew leaders must be trained in safe electrofishing techniques and practices (including operation of electroshocking boats) to ensure safe working conditions for themselves and the field staff (AFS Professional Safety Committee 2008). Exposure to low electrical current (like that used in electrofishing) may cause death due to respiratory arrest or cardiac fibrillation (AFS Professional Safety Committee 2008). Due to these dangers, the field crew leader must be trained in CPR and AED procedures. All crew members are required to wear a Coast Guard approved personal flotation device (PFD), knee high rubber boots with non-slip soles, and electrician gloves rated at 7,500 watts (netters only). All crew members are required to adhere to the BFBM Field Work Health and Safety Plan developed in cooperation with NJDEP Office of Occupational Health and Safety (OOHS). Crew members must also adhere to any guidance provided by OOHS during the QAPP period.

Electrofishing is the primary sampling method. In addition to electrofishing, baited hoop nets, fyke nets, experimental gill nets or hook and line may be employed to ensure the collection of all specimens. After two attempts to capture the targeted species with electrofishing equipment, secondary sampling techniques should be employed at the discretion of the Project Manager. Hook and line sampling should only be conducted as a last resort. Nets will be set in the evening near the appropriate habitat and will be checked early the following morning to minimize mortality of incidental catch. Hoop and fyke nets will be set in a manner to ensure that there is sufficient surface air space for turtle bycatch to breathe (Larocque et al. 2012). Sampling gear and crew size will be determined by the Project Officer. A checklist of necessary sampling and safety equipment will be prepared prior to field work by the Crew lead.

It is highly desirable to collect live, intact fish that have not been mutilated by the collection gear and that do not have any skin lacerations or fin deterioration that would allow body fluids to leak out of the specimen or contaminants to pass into the specimen after collection. The USEPA recommends that fish captured in passive collection devices not remain in the water for more than 24 hours after the passive collection device is first deployed and that specimens that show any skin or fin deterioration or external lacerations of any kind not used for chemical analysis. In addition, some fish collected by electroshocking methods may have ruptured organs due to the electroshocking procedure. Fish that are found floating dead at a site should not be used for sample analysis for human risk assessments.

Fish Processing: Fish processing methods vary depending on the sampling network (Table 1) and analytes to be measured for each fish. All targeted network fish collected are sacrificed, placed in large plastic bags, and placed in a

cooler on wet ice for transport back to the BFBM laboratory for further processing. All fish collected for the probabilistic network are processed in the field and released back into the waterbody alive.

Fish tissue samples are prepared and packaged in two ways following sample collection: 1) tissue plug, or 2) whole fish. Some fish may be analyzed for multiple analytes such as total mercury and PCBs, thus requiring the fish to be plugged first for total mercury analysis and then wrapped as a whole fish for PCB analysis.

Previously, fish tissue mercury analysis required the specimen to be sacrificed. The more recent use of muscle plugs has eliminated the need to sacrifice the fish for mercury analysis and allows the fish to be released back into the waterbody alive. The USEPA has recently employed the use of tissue plugs for their National Rivers and Streams Assessment (NRSA) as have many state monitoring programs (e.g. New York, Kentucky, Nebraska). Studies have shown that mercury results from fish tissue plug samples harvested with biopsy tools were comparable in accuracy to results from samples collected with traditional whole body sampling methods (Baker et al., 2004). Fish tissue plugs also require less storage space in a freezer and are more cost effective to package and ship, and eliminate the fish preparation charge for whole fish by the laboratory. Whole fish samples are necessary for PCB analyses because these contaminants are known to accumulate in fatty tissue and the location and amount of tissue from muscle plugs is not sufficient for these analyses.

Targeted Regional Network- The species collected for Targeted Regional Network sampling will include largemouth bass or chain pickerel (trophic level 4), sunfish sp. (trophic level 3), and common carp, catfish or eels (trophic level 3). These species are common in the lakes and rivers of New Jersey and there are existing datasets available for mercury and PCBs in fish tissue. Common carp, catfish or eels (trophic level 3) were selected for PCB analysis because they are known to accumulate PCBs in fatty tissue. In addition, other species that are more highly desired for human consumption (i.e., walleye, striped bass) and/or are top level piscivores (i.e. lake trout, northern pike, northern snakehead), if present in a specific waterbody may be targeted in addition to the aforementioned species. Target fish species for each waterbody and selected analytes for each species are listed in Table 2b. If the target species are not present or are unable to be captured with available gear at a given waterbody, an alternate species will be selected from the alternate fish list (Table 3) at the discretion of the Project Manager.

Captured specimens will be held in a livewell during field collection until sampling is complete. The appropriate number of target specimens of a similar size will be taken for analysis. All fish of the same species collected should be within 75% the total length of the largest individual of that species where possible. Targeted fish are sacrificed, placed in large plastic bags, and placed in a cooler on wet ice for transport back to the BFBM laboratory for further processing. All persons handling the fish during fish processing shall wear new nitrile gloves and

polypropylene/polyethylene bags will be used to cover the measuring board and electronic scale for each fish sample. All sample specimens will be weighed(g) using a Ohaus Defender 5000 scale (± 2.0 g) and measured for total length (mm). Fish samples will be prepared as either muscle tissue plugs or whole body or both depending on which analytes will be analyzed at the laboratory. Fish that will be analyzed for total mercury will have a small portion of scales removed with a sterile scalpel from the left dorsal musculature. An 8mm biopsy punch will be inserted into the muscle to remove 2 plugs per fish, weighing approximately 0.5g – 0.7g of tissue per plug. The two tissue plugs from each fish will be placed into a scintillation vial and labeled with an alphanumeric identifier. The sample alphanumeric identifier will combine the site ID, fish code, species sample number, and the last 2 digits of the sampling year (Table 4). The remaining body of the fish will then be rolled in muffled foil (aluminum foil heated to 450 °C for 6 hours to remove impurities), affixed with a wire tie tag (with site, date, time, length, weight, and alphanumeric identifier) then placed inside a plastic bag with a label on the outside. The remaining whole fish is stored in a freezer for PCBs analysis or stored as an archived sample. All catfish species will have the dorsal and pectoral spines clipped with a pair of wire cutters prior to placing in plastic bags to prevent puncturing of the plastic bag.

Probabilistic Lake Network- At all probabilistic sites, 5 individual largemouth bass or 5 individual chain pickerel of similar size will be collected for total mercury analysis. If the target species are not present or are unable to be captured with the available gear at a given waterbody, an alternate species will be selected from the alternate fish list (Table 3) at the discretion of the Project Manager. The 5 fish collected should be within 75% the total length of the largest individual in the sample when possible. All persons handling the fish during fish processing shall wear new nitrile gloves and polypropylene/polyethylene bags will be used to cover the measuring board for each fish sample. All sample specimens will be measured for total length (mm) and weighed using a digital hanging scale (Brecknell Electro Samson : ±0.5% kg) or spring scale (Pesola, accuracy: ±0.3% g). All 5 fish will have tissue plugs removed in the field using non-lethal fish tissue plug collection methods as described by USEPA, 2017. Each specimen will have a small portion of scales removed with a sterile scalpel from the left dorsal musculature. One 8mm biopsy punch will be inserted into the muscle to remove 1 plug per fish, weighing approximately 0.5g – 0.7g of tissue per plug. Each plug will be placed into a clean glass scintillation vial with outside label identifying the probabilistic site ID and fish species code. Probabilistic site ID and fish codes are listed in Table 4. A composite sample consisting of 1 plug per fish, from 5 individual fish of the same species (largemouth bass or chain pickerel) will create a composite sample for analysis. The vial containing the 5 fish tissue plugs will be kept in a cooler on dry ice and transported back to the office. All fish collected at probabilistic sites will be released back into the lake alive after a tissue plug is removed. The tissue plugs will be kept in a frozen state in a chest freezer at the 35 Arctic Parkway office until delivered to the New Jersey Department of Environmental Health for analysis using EPA method 1631 within 1 year of the sampling date. All fish tissue plug samples will be delivered to the New Jersey Department of Health Laboratory (NJDOH) on ice.

Table 1. Comparison of fish tissue monitoring networks.

Criteria	Targeted Regional	Probabilistic
Site selection	Targeted	Random (computer generated)
Waterbody	Rivers and Lakes	Lakes
Species targeted	1) Largemouth bass or chain pickerel 2) Sunfish species 3) common carp or American eel or catfish/bullhead species	Largemouth bass or chain pickerel
Sample Quantity	3 individuals from each of the 3 groups	5 individuals
Analytes	total mercury (Species 1,2 and 3), PCBs (Species group 3 only), Selenium, additional parameters of interest	total mercury (5 fish composite)
Sample matrix	Whole fish (PCBs) and plug (Hg, Se)	Plug (Hg)
Fish sacrificed	Yes	No

Table 2a: 2022 Lower Delaware Region Fixed Network Sites

SiteID	Waterbody_Location	Latitude_dd	Longitude_dd	County	Municipality
FTM033	Big Timber Creek @ Runnemede	39.875327	-75.127534	CAMDEN	Runnemede
FTM034	Mantua Creek @ Paulsboro	39.847654	-75.227553	GLOUCESTER	Paulsboro
FTM036	Pennsauken Creek	39.996328	-75.036457	CAMDEN	Pennsauken
FTM037	Rancocas Creek	40.039578	-74.945549	BURLINGTON	Delran
FTM038	Maurice River downstream from Millville	39.37707	-75.03685	CUMBERLAND	Millville
FTM057	Cooper River Lake @ Camden	39.924547	-75.071126	CAMDEN	Collinswood
FTM058	Mirror Lake @ Browns Mills	39.972215	-74.567335	BURLINGTON	Pemberton
FTM059	DOD Lake @ Penns Grove	39.748874	-75.456051	SALEM	Oldmans Twp
FTM067	Newton Lake	39.908316	-75.080991	CAMDEN	Collinswood
FTM068	Prospertown Lake	40.135117	-74.457445	OCEAN	Jackson
FTM071	Stewart Lake @ Woodbury	39.84191	-75.14283	GLOUCESTER	Woodbury
FTM072	Strawbridge Lake	39.949735	-74.963941	BURLINGTON	Moorestown
FTM074	Wilson Lake	39.66198	-75.04935	GLOUCESTER	Clayton
FTM146	Pemberton Lake	39.9555	-74.6637	BURLINGTON	Pemberton
FTM147	Elmer Lake	39.5967	-75.1649	SALEM	Pittsgrove Twp
FTM148	Salem Canal	39.6696	-75.4661	SALEM	Carneys Point Twp
FTM149	Alloway Lake	39.5637	-75.3607	SALEM	Alloway Twp
FTM150	Parvin Lake	39.5062	-75.1298	SALEM	Pittsgrove Twp
FTM151	Lake Audrey	39.2926	-75.0061	CUMBERLAND	Commercial Twp

***Coordinates are approximate site locations; actual boat ramp location will be GPSed at the time of sampling.**

Table 2b: 2022 Routine Network Fish Species and Analyte selection.

		Target Species									
		Largemouth bass	**Chain pickerel**	**Striped bass**	**White Perch**	**Sunfish**	**Bullhead**	**Catfish**	**Carp**	**Am. Eel**	**N. Snakehead**
Site ID	**Waterbody**										
FTM033	Big Timber Creek @	Hg,Se			Hg,PCBs,PFAS	Hg		Hg,PCBs			
FTM034	Mantua Creek @ Paulsboro	Hg,Se			Hg,PCBs,PFAS	Hg		Hg,PCBs			
FTM036	Pennsauken Creek	Hg,Se			Hg,PCBs,PFAS	Hg		Hg,PCBs			
FTM037	Rancocas Creek	Hg,Se		Hg,	Hg,PCBs,PFAS	Hg		Hg,PCBs			
FTM038	Maurice River below Millville	Hg,Se		Hg,PCBs	Hg,PCBs,PFAS	Hg			Hg,PCBs		
FTM057	Cooper River Lake @ Camden	Hg,Se				Hg			Hg,PCBs		
FTM058	Mirror Lake @ Browns Mills	Hg,Se			Hg, PFAS	Hg				Hg	
FTM059	DOD Lake @ Penns Grove	Hg,Se				Hg			Hg, PCBs		
FTM067	Newton Lake	Hg,Se				Hg			Hg, PCBs		Hg, PCBs
FTM068	Prospertown Lake	Hg,Se	Hg,Se			Hg	Hg, PCBs				
FTM071	Stewart Lake @ Woodbury	Hg,Se				Hg			Hg, PCBs		
FTM072	Strawbridge Lake	Hg,Se				Hg			Hg, PCBs,		
FTM074	Wilson Lake		Hg, Se			Hg	Hg, PCBs				
FTM146	Pemberton Lake	Hg, Se	Hg, Se			Hg	Hg, PCBs		Hg, PCBs		
FTM147	Elmer Lake	Hg, Se	Hg, Se			Hg	Hg, PCBs		Hg, PCBs		
FTM148	Salem Canal	Hg, Se	Hg, Se			Hg	Hg, PCBs		Hg, PCBs		Hg, PCBs
FTM149	Alloway Lake	Hg, Se	Hg, Se			Hg	Hg, PCBs		Hg, PCBs		
FTM150	Parvin Lake	Hg, Se	Hg, Se			Hg	Hg, PCBs		Hg, PCBs		

Analytes: Hg= mercury, Se=selenium, PCBs= Polychlorinated biphenyls, PFAS= per-and polyfluoroalkyl substances, OCP= Organochlorine pesticides

Table 2c: 2022 Probabilistic Lake Network Sites

Site ID	ProbID	Waterbody	Latitude_dd	Longitude_dd	COUNTY
FTM113	FWLM2015-318	Darlington Lake	41.06343707	-74.17321271	BERGEN
FTM116	FWLM2015-412	Wells Mills Reservoir	39.79238302	-74.28049768	OCEAN
FTM119	FWLM2015-426	Pigeon Swamp	40.38813727	-74.48764784	MIDDLESEX
FTM120	FWLM2015-429	Lincoln Park Community Lake	40.93884932	-74.29602633	MORRIS
FTM121	FWLM2015-435	Makepeace Lake	39.54297756	-74.74485423	ATLANTIC
FTM122	FWLM2015-469	Weldon Brook Lake	41.00570475	-74.58705638	MORRIS
FTM123	FWLM2015-262	Barbour Pond	40.89970856	-74.18230246	PASSAIC
FTM125	FWLM2015-301	Hainsville Pond	41.2703137	-74.78571927	SUSSEX
FTM126	FWLM2015-310	Great Gorge Lake	41.16135905	-74.52068485	SUSSEX
FTM128	FWLM2015-368	Franklin Parker Preserve Pond	39.85185514	-74.53176485	BURLINGTON
FTM129	FWLM2015-381	George Lake	40.80006092	-74.78521415	MORRIS
FTM130	FWLM2015-411	Pines Run	39.81629314	-75.04571044	CAMDEN
FTM131	FWLM2015-417	Silver Lake	40.93605208	-74.9491898	WARREN
FTM132	FWLM2015-441	Chesler Lake	40.87059612	-74.6284824	MORRIS
FTM133	FWLM2015-448	Double Trouble State Park Lake	39.90023077	-74.23162228	OCEAN
FTM134	FWLM2015-476	Bamber Lake	39.89301351	-74.31738535	OCEAN
FTM052	FWLM2015-485	Sawmill Pond	41.2949689	-74.68741237	SUSSEX
FTM138	FWLM2015-494	Lake Ames	40.95342406	-74.50237153	MORRIS
FTM139	FWLM2015-496	Pickle Factory Pond	39.22767245	-74.91083326	CAPE MAY
FTM140	FWLM2015-500	Lily Lake	39.46776369	-74.45832866	ATLANTIC

***Coordinates are approximate site locations; actual boat ramp location will be GPSed the day of sampling. Probabilistic Site IDs will be given a new FTM# site ID in the order they are sampled, on the day of sampling.**

Table 3: Alternate Fish List

Common Name	Scientific Name
Rock bass	*Ambloplites rupestris*
Northern Pike	*Esox lucious*
White Perch	*Morone americana*
Striped Bass	*Morone saxatilis*
Striped x White Bass hybrid	*Morone saxatilis x chrysops*
Yellow Perch	*Perca flavescens*
Black Crappie	*Pomoxis nigromaculatus*
White Crappie	*Pomoxis annularis*
Walleye	*Sander vitreus*
White Sucker	*Catostomus commersonii*

Table 4. Fish codes of collected fishes for fish tissue monitoring.

Common Name	Scientific Name	Fish Code
American eel	*Anguilla rostrata*	AE
Black Crappie	*Pomoxis nigromaculatus*	BC
Bluegill	*Lepomis macrochirus*	BG
Brown bullhead	*Ameiurus nebulosus*	BBH
Chain pickerel	*Esox niger*	CP
Channel catfish	*Ictalurus punctatus*	CCF
Common carp	*Cyprinus carpio*	CC
Flathead catfish	*Pylodictis olivaris*	FHCF
Lake trout	*Salvelinus namaycush*	LT
Landlocked Atlantic salmon	*Salmo salar*	LAS
Largemouth bass	*Micropterus salmoides*	LMB
Muskellunge	*Esox masquinongy*	MKY
Northern Pike	*Esox lucius*	NP
Pumpkinseed	*Lepomis gibbosus*	PS
Redbreast	*Lepomis auritus*	RBS
Rock bass	*Ambloplites rupestris*	RB
Smallmouth bass	*Micropterus dolomieu*	SMB
Striped bass	*Morone saxatilis*	SB
Striped bass x White bass hybrid	*Morone saxatilis x chrysops*	HSB
Walleye	*Sander vitreus*	WYE
White catfish	*Ameiurus catus*	WCF
White Crappie	*Pomoxis annularis*	WC
White Perch	*Morone americana*	WP
White Sucker	*Catostomus commersoni*	WS
Yellow bullhead	*Ameiurus natalis*	YBH
Yellow perch	*Perca flavescens*	YP

For targeted regional network samples the alphanumeric identifier will combine the site ID, fish code, species sample number, and last 2 digits of the sampling year.
For example, if 3 largemouth bass were sampled from a targeted regional network site, such as Prospertown Lake in 2022 they would have the following sample alphanumeric identifiers: FTM068LMB0122, FTM068LMB0222, FTM068LMB0322.

For probabilistic samples, the Probabilistic site ID will be given an FTM number for each site. The alphanumeric identifier for each individual fish will combine the site ID, fish code, and species sample number. For example, if 5 chain pickerel were sampled from a probabilistic lake, such as FTM121, the following sample alphanumeric identifiers would be used on the datasheet: FTM121CP0122, FTM121CP0222, FTM121CP0322, FTM121CP0422, FTM121CP0522. The vial containing the 5 fish plug composite sample will be labeled with the site ID, fish code, and four-digit sampling year (FTM121CP2022).

Equipment Decontamination: To prevent the potential spread of nuisance or invasive organisms and macrophytes from waterbody to waterbody, all equipment (boats, nets, boots, etc.) is decontaminated between site visits by scrubbing/cleaning with a dilute solution of commercial disinfectant, followed by a rinse with fresh water and allowed to thoroughly dry.

9.4 Laboratory Analysis

The NJDEP OQA certified laboratory SGS Axys Analytical will analyze all whole fish analytes (PCBs, PFAS, Pesticides, Dioxins and Furans) while the New Jersey Department of Health (NJDOH) laboratory will analyze fish tissue plug samples for total mercury and selenium.

SGS Axys Analytical will conduct the fish tissue analyses for PCBs on common carp, catfish and eels. Other species that are more highly desired for human consumption (i.e., walleye, striped bass) and/or are top level piscivores (i.e. lake trout, northern pike), if present may also be analyzed for PCBs. The homogenizing of all fish collected will be conducted by SGS Axys Analytical for USEPA method 1668A.

For probabilistic samples, the total mercury analysis will consist of a composite sample of 1 plug per fish, from 5 individual fish of the same species (largemouth bass or chain pickerel) will be prepared. The NJDOH laboratory is NJDEP OQA certified for EPA method 1631.

Samples (plugs and whole fish) shall be stored frozen (-20 C) until processing at the BFBM's laboratory. The maximum holding time for plugs is 1 year and the maximum holding time for whole fish is 1 year (Table 5). All transfers of samples will be properly documented throughout transport and analysis (internal lab chain-of-custody). All laboratory equipment will be properly calibrated as per each method completed. Careful cleaning of all laboratory equipment and instruments using the appropriate soaps, solvents, acids, and double deionized water will be employed throughout this program.

Tissue preparation of fish will follow common preparation methods for consumption. The specimens will be filleted by the contracted laboratory using clean methods for mercury as outlined in the USEPA's "*Guidance for Assessing Chemical Contaminant data for Use in Fish Advisories Vol 1 Fish Sampling and Analysis" 2000.*

9.5 Shipment of Samples

All fish samples will be placed into coolers with each individual sample documented on the designated lab chain of custody form sealed inside a plastic bag (see Appendix B). All whole-body fish samples will be placed into coolers lined with blue ice and supplemental dry ice may be used at the shipper's discretion based on the temperature and time of year of shipment. All fish tissue plug samples will be delivered to the NJDOH directly. For all other samples, shipped coolers are sealed with packaging tape, and a custody seal is placed over the lid. When shipping with dry ice a small hole must be drilled into the lid of the cooler for ventilation. All samples shipped to SGS Axys Analytical will be via FedEx overnight to ensure they arrive at laboratory by the next day.

10.0 Schedule of Tasks and Products

Project Requested: April 2022
Station Selection: February 2022
Work/Quality Assurance Plan: March - May 2022
Sampling Activities: May – November 2022
Laboratory Activities (sample submission and analysis): June 2022 – March 2023
Data Reports: data tables (hardcopy and electronic) as laboratory results become available.

11.0 Resource Needs

BFBM will need 1 additional hourly staff to complete this project.

12.0 Quality Assurance

12.1 Laboratory Analysis: The total mercury and selenium will be analyzed by the New Jersey Department of Health(NJDOH) Laboratory (#11036) using USEPA method 1631 and method CHE.0009 respectively. The NJDOH is certified by the U.S. Food and Drug Administration's (FDA) for method CHE.0009. However, the NJDOH is not NJDEP certified to test selenium in fish tissue using CHE.0009 and therefore the results cannot be used for regulatory purposes. The whole fish analysis will be performed by the SGS Axys Analytical laboratory for PCBs using USEPA method 1668A, USEPA method 1699 for Organochlorine Pesticides, USEPA 1613B for Polychlorinated Dioxins and Furans and MLA-043 for PFAS. The reporting levels, listed below, are required for this project.

Table 5. Fish tissue storage and analysis information by analyte.

Parameter	Method	Detection Level	Holding Time	Preservative	Plug/Fillet
Total Mercury	USEPA 1631	0.0896 ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.	Plug
Selenium [a]	CHE.0009	95 ug/kg	6 months	Ice to 4ºC in field. Freeze within 24 hours.	Plug
PCBs	USEPA 1668A	see Appendix A	1 year	Ice to 4ºC in field. Freeze within 24 hours.	Fillet
Organochlorine Pesticides	USEPA 1699	see Appendix A	1 year	Ice to 4ºC in field. Freeze within 24 hours.	Fillet
Polychlorinated Dioxins and Furans	USEPA 1613B	see Appendix A	1 year	Ice to 4ºC in field. Freeze within 24 hours.	Fillet
PFAS	MLA-110 R.02 V.12	see Appendix A	1 year	Ice to 4ºC in field. Freeze within 24 hours.	Fillet

a: The NJDOH is not NJDEP certified to test selenium in fish tissue using CHE.0009 and therefore the results cannot be used for regulatory purposes.

* In the event that BFBM and DSR agree that an additional analyte be included (i.e. PBDEs, Table 5. Lab Worksheet) on a site-specific basis, storage and analysis information as per the Contract will be followed.

12.2 Sample Containers: Sample containers shall be dedicated, single use.

12.3 Sample Retention: All samples and archieved fillets must be retained by the laboratory until such time that the BFBM approves the reported results.

13.0 Data Quality Requirements

Analytical samples will be done by the methods specified in this QAPP and for which the laboratory has certification or other NJDEP approval. Quality control procedures (including required calibrations, equipment cleaning, and other quality control procedures required by regulation or by the method shall be defined in the respective laboratory's Quality Manual (QM) or Standard Operating Procedures (SOPs). The QM and SOPs must be approved by the OQA.

14.0 Data Completeness

At most targeted sites, 9 fish (3 from each trophic level group) will be collected for analysis. A total of 5 fish will be composited for probabilistic sites. Plug and whole fish samples will consist of fish of similar size; the smallest fish will be no less than 75% of the size of the largest fish in the plug or composite sample. Adult fish of a size targeted by anglers will be collected for human health criteria. Fish samples will be collected during peak water temperatures and high productivity (i.e., May through November).

15.0 Sample Custody Procedures

Chain of custody will be required for all samples as per N.J.A.C. 7:18-9.3(b). Laboratories performing the analysis will provide chain of custody forms.

16.0 Data Validation

The Project Manager is responsible for all data validation. If apparent anomalous data are suspected, the Project Manager and/or the Supervisor will review the sampling procedures with the field sampler to make sure the proper collection and preservation procedures were followed. If the data is still suspect, the laboratory will be contacted. An internal review of their laboratory procedures and/or calculations used in the analysis of the suspect sample, with special emphasis on transcription of data to assure that no transposition of figures occurred will be conducted. The laboratory will be asked to check on equipment calibration. They may be further requested to reanalyze the retained portion of the sample. If no problems are found in the analytical laboratory procedures, the data may then be compared to any historical data that might have been collected at the same site prior to the most recent sampling event to see if similar anomalies might have been found previously. The suspect data may also be compared to literature values or standard analytical treatises to verify whether the results are within the limits of accuracy of the test method.

If no obvious problems are found after these reviews, the complete data set will be reported with the suspect data identified as such. The BFBM will then conduct its own review of the data, as it relates to the objectives(s) and data accuracy required in this project.

17.0 Performance System Audits

All NJ certified laboratories used are subject to audits and to the requirements of the OQA Laboratory Certification Program as well as internal performance evaluations. The OQA will be notified of field monitoring schedules for possible audits.

18.0 Data Reporting

18.1 Preliminary Reporting of Data

Preliminary analytical data will be reported to DSR and BFBM, from the laboratory employed for this project, in the electronic format agreed to in the contract, within the turnaround time from receipt of sample agreed to in the contract. Samples which yield results considered anomalous by the Project Manager will be validated as specified in section 16.0, Data Validation, before the holding time of the retained sample is expired. If the results remain suspect after an internal review of the laboratory procedures, calculations, and/or on transcription of data has been conducted, then the sample shall be reanalyzed by the laboratory using the retained portion of the sample. This reanalysis shall be performed within the parameter holding time.

18.2 Final Reporting of Data

Final analytical data will be reported to DSR and BFBM, from the laboratory employed for this project, in the form of an electronic data delivery as agreed to in the contract within the contracted turnaround time from receipt of sample. All data shall be reported in a complete and concise fashion and shall meet the reporting requirements of NJAC 7:18. Routine quality control results must be retained on file for review by the BFBM and the OQA.

19.0 Data Storage and Distribution

Sampling results will be stored locally in a Microsoft Access database. Data will be entered into EPA's Water Quality Data Exchange (WQX) and will be accessible through the USEPA, USGS and National Water Monitoring Council's Water Quality Portal, as well as the BFBM website by June the following year data is verified. All raw data records shall be maintained for a period of no less than five years.

20.0 Assessment, Oversight, and Response

The BFBM Project Manager will be responsible for the oversight of all activities relating to sample collection, while DSR will be responsible for the oversight of contracting and data review. The BFBM Project Manager will assess field collection functions and make corrections when necessary to maintain the data accuracy as defined in this plan.

21.0 Corrective Action

If any changes or modifications are made to this plan regarding data collection, as it relates to the objectives(s) and data accuracy required in this project, all original signees of the QAPP will be notified. If a laboratory cannot be secured for analysis, or the contract award is delayed and frozen samples will expire per method requirements, all signees of the QAPP will be notified.

22.0 Addendum

Final Site Selection (as requested by OQA):

Literature cited

Baker, R. F., P. J. Blanchfield, M. J. Paterson, R. J. Flett, and L. Wesson. 2004. Evaluation of nonlethal methods for the analysis of mercury in fish tissue. Transactions of the American Fisheries Society 133:568–576.

Larocque, S.M., Cooke, S.J., Blouin-Demers, G., 2012. A breath of fresh air: avoiding anoxia and mortality of freshwater turtles in fyke nets by the use of floats. Mar. Freshw. Res. 22, 198–205.

Kincaid, T. M. and Olsen, A. R. (2016). spsurvey: Spatial Survey Design and Analysis. R package version 3.3.

Stevens, D. L., Jr. and A. R. Olsen (2004). "Spatially-balanced sampling of natural resources." Journal of American Statistical Association 99(465): 262-278.

USEPA. 2017. National Rivers and Streams Assessment 2018/19: Field Operations Manual – NonWadeable. EPA-841-B-17-003b. U.S. Environmental Protection Agency, Office of Water Washington, DC.

APPENDIX A:
Data Management Tables

For Data Management purposes, Water Chemistry is defined as parameters analyzed by a lab; Field measurements are defined as analyze immediately parameters.

Inventory

Geographic Regions	Rivers, lakes and reservoirs
Counties	Atlantic, Bergen, Burlington, Camden, Cape May, Gloucester, Hunterdon, Mercer, Middlesex, Monmouth, Morris, Ocean, Passaic, Somerset, Sussex, Warren
Dates	5/1/2022- 11/1/2022
Status	Future/Planned
Sample Frequency	Once
Seasons Sampled	Spring, Summer, Fall
Waterbody Type	River/Stream, lakes, reservoirs
Salinity Category	Fresh
Tidal Influence	Non-tidal, tidal
Project Description	The objective of this project is to collect total mercury and polychlorinated biphenyls (PCBs) data in fish tissue to: • Provide current and more comprehensive data on concentrations of toxic contaminants in fish in order to assess human health risks and update/recommend fish consumption advisories. • Provide data to assess the impairment of the fish consumption designated use of the waterbodies sampled. • Provide data to assess the trends in levels of contaminants that contribute to use impairment and fish consumption advisories.
Parameters analyzed type	Metals, PCBs, Pesticides, Emerging Contaminants

Data Management Supplement

QAPP network path file location?	V:\LUM\BFBM\Bfbm\Quality Assurance Plans\Calendar Year 2022 QAPPs\FishTissue_LowerDelaware2022_FINAL
Where will data be recorded in field (media)	Paper
If on tablets or phones, will download at office occur or will you connect wirelessly?	
If on tablets or phones, who will do the download?	
If data collected electronically, where will it be stored?	access database ,V:\LUM\BFBM\Lakes and Fishibi\FISH\Fish Tissue Monitoring\Database\FTM.accdb
Format to be received from Lab	text
Method of receipt from lab/s	email attachment
Personnel receiving outside lab data	Sandra Goodrow and Brian Henning
Is data expected to go to WQDE/STORET?	Yes
Data manager - (Bureau and Name)	BFBM Leigh Lager

Table 1. Site List

Station ID(WQDE compliant and referenced)	Waterbody/Location	Latitude-dd	Longitude-dd	County	Site exists in WQDE already?	Location Type
FTM033	Big Timber Creek @ Runnemede	39.875327	-75.127534	CAMDEN	Yes	River
FTM034	Mantua Creek @ Paulsboro	39.847654	-75.227553	GLOUCESTER	Yes	River
FTM036	Pennsauken Creek	39.996328	-75.036457	CAMDEN	Yes	River
FTM037	Rancocas Creek	40.039578	-74.945549	BURLINGTON	Yes	River
FTM038	Maurice River downstream from Millville	39.37707	-75.03685	CUMBERLAND	Yes	River
FTM057	Cooper River Lake @ Camden	39.924547	-75.071126	CAMDEN	Yes	Lake
FTM058	Mirror Lake @ Browns Mills	39.972215	-74.567335	BURLINGTON	Yes	Lake
FTM059	DOD Lake @ Penns Grove	39.748874	-75.456051	SALEM	Yes	Lake
FTM067	Newton Lake	39.908316	-75.080991	CAMDEN	Yes	Lake
FTM068	Prospertown Lake	40.135117	-74.457445	OCEAN	Yes	Lake
FTM071	Stewart Lake @ Woodbury	39.84191	-75.14283	GLOUCESTER	Yes	Lake
FTM072	Strawbridge Lake	39.949735	-74.963941	BURLINGTON	Yes	Lake
FTM074	Wilson Lake	39.66198	-75.04935	GLOUCESTER	Yes	Lake
FTM146	Pemberton Lake	39.9555	-74.6637	BURLINGTON	No	Lake
FTM147	Elmer Lake	39.5967	-75.1649	SALEM	No	Lake
FTM148	Salem Canal	39.6696	-75.4661	SALEM	No	River
FTM149	Alloway Lake	39.5637	-75.3607	SALEM	No	Lake
FTM150	Parvin Lake	39.5062	-75.1298	SALEM	No	Lake
FTM151	Lake Audrey	39.2926	-75.0061	CUMBERLAND	No	Lake
FTM113	Darlington Lake	41.06343707	-74.17321271	BERGEN	No	Lake
FTM116	Wells Mills Reservoir	39.79238302	-74.28049768	OCEAN	No	Lake
FTM119	Pigeon Swamp	40.38813727	-74.48764784	MIDDLESEX	No	Lake
FTM120	Lincoln Park Community Lake	40.93884932	-74.29602633	MORRIS	No	Lake

FTM121	Makepeace Lake	39.54297756	-74.74485423	ATLANTIC	No	Lake
FTM122	Weldon Brook Lake	41.00570475	-74.58705638	MORRIS	No	Lake
FTM123	Barbour Pond	40.89970856	-74.18230246	PASSAIC	No	Lake
FTM125	Hainsville Pond	41.2703137	-74.78571927	SUSSEX	No	Lake
FTM126	Great Gorge Lake	41.16135905	-74.52068485	SUSSEX	No	Lake
FTM128	Franklin Parker Preserve Pond	39.85185514	-74.53176485	BURLINGTON	No	Lake
FTM129	George Lake	40.80006092	-74.78521415	MORRIS	No	Lake
FTM130	Pines Run	39.81629314	-75.04571044	CAMDEN	No	Lake
FTM131	Silver Lake	40.93605208	-74.9491898	WARREN	No	Lake
FTM132	Chesler Lake	40.87059612	-74.6284824	MORRIS	No	Lake
FTM133	Double Trouble State Park Lake	39.90023077	-74.23162228	OCEAN	No	Lake
FTM134	Bamber Lake	39.89301351	-74.31738535	OCEAN	No	Lake
FTM052	Sawmill Pond	41.2949689	-74.68741237	SUSSEX	No	Lake
FTM138	Lake Ames	40.95342406	-74.50237153	MORRIS	No	Lake
FTM139	Pickle Factory Pond	39.22767245	-74.91083326	CAPE MAY	No	Lake
FTM140	Lily Lake	39.46776369	-74.45832866	ATLANTIC	No	Lake

Table 2. Parameters

STATION ID	Field Msr/Obs	Flow	Water Chemistry	Continuous Monitoring	Biological	Sediment	Bacteria Collection	Habitat	Metrics	Indices
FTM033	No	No	Yes	No	No	No	No	No	No	No
FTM034	No	No	Yes	No	No	No	No	No	No	No
FTM036	No	No	Yes	No	No	No	No	No	No	No
FTM037	No	No	Yes	No	No	No	No	No	No	No
FTM038	No	No	Yes	No	No	No	No	No	No	No
FTM057	No	No	Yes	No	No	No	No	No	No	No
FTM058	No	No	Yes	No	No	No	No	No	No	No
FTM059	No	No	Yes	No	No	No	No	No	No	No
FTM067	No	No	Yes	No	No	No	No	No	No	No
FTM068	No	No	Yes	No	No	No	No	No	No	No
FTM071	No	No	Yes	No	No	No	No	No	No	No
FTM072	No	No	Yes	No	No	No	No	No	No	No
FTM074	No	No	Yes	No	No	No	No	No	No	No
FTM146	No	No	Yes	No	No	No	No	No	No	No
FTM147	No	No	Yes	No	No	No	No	No	No	No
FTM148	No	No	Yes	No	No	No	No	No	No	No
FTM149	No	No	Yes	No	No	No	No	No	No	No
FTM150	No	No	Yes	No	No	No	No	No	No	No
FTM151	No	No	Yes	No	No	No	No	No	No	No
FTM113	No	No	Yes	No	No	No	No	No	No	No
FTM116	No	No	Yes	No	No	No	No	No	No	No
FTM119	No	No	Yes	No	No	No	No	No	No	No
FTM120	No	No	Yes	No	No	No	No	No	No	No
FTM121	No	No	Yes	No	No	No	No	No	No	No
FTM122	No	No	Yes	No	No	No	No	No	No	No
FTM123	No	No	Yes	No	No	No	No	No	No	No

FTM125	No	No	Yes	No	No	No	No	No	No	No
FTM126	No	No	Yes	No	No	No	No	No	No	No
FTM128	No	No	Yes	No	No	No	No	No	No	No
FTM129	No	No	Yes	No	No	No	No	No	No	No
FTM130	No	No	Yes	No	No	No	No	No	No	No
FTM131	No	No	Yes	No	No	No	No	No	No	No
FTM132	No	No	Yes	No	No	No	No	No	No	No
FTM133	No	No	Yes	No	No	No	No	No	No	No
FTM134	No	No	Yes	No	No	No	No	No	No	No
FTM136	No	No	Yes	No	No	No	No	No	No	No
FTM138	No	No	Yes	No	No	No	No	No	No	No
FTM139	No	No	Yes	No	No	No	No	No	No	No
FTM140	No	No	Yes	No	No	No	No	No	No	No

Table 3. Partners

STATION ID	Field Msr/Obs	Flow	Water Chemistry	Continuous Monitoring	Biological	Sediment	Bacteria Collection
FTM033	No	No	DEP	No	No	No	No
FTM034	No	No	DEP	No	No	No	No
FTM036	No	No	DEP	No	No	No	No
FTM037	No	No	DEP	No	No	No	No
FTM038	No	No	DEP	No	No	No	No
FTM057	No	No	DEP	No	No	No	No
FTM058	No	No	DEP	No	No	No	No
FTM059	No	No	DEP	No	No	No	No
FTM067	No	No	DEP	No	No	No	No
FTM068	No	No	DEP	No	No	No	No
FTM071	No	No	DEP	No	No	No	No
FTM072	No	No	DEP	No	No	No	No
FTM074	No	No	DEP	No	No	No	No
FTM146	No	No	DEP	No	No	No	No
FTM147	No	No	DEP	No	No	No	No
FTM148	No	No	DEP	No	No	No	No
FTM149	No	No	DEP	No	No	No	No
FTM150	No	No	DEP	No	No	No	No
FTM151	No	No	DEP	No	No	No	No
FTM113	No	No	DEP	No	No	No	No
FTM116	No	No	DEP	No	No	No	No
FTM119	No	No	DEP	No	No	No	No
FTM120	No	No	DEP	No	No	No	No
FTM121	No	No	DEP	No	No	No	No
FTM122	No	No	DEP	No	No	No	No
FTM123	No	No	DEP	No	No	No	No

FTM125	No	No	DEP	No	No	No	No
FTM126	No	No	DEP	No	No	No	No
FTM128	No	No	DEP	No	No	No	No
FTM129	No	No	DEP	No	No	No	No
FTM130	No	No	DEP	No	No	No	No
FTM131	No	No	DEP	No	No	No	No
FTM132	No	No	DEP	No	No	No	No
FTM133	No	No	DEP	No	No	No	No
FTM134	No	No	DEP	No	No	No	No
FTM052	No	No	DEP	No	No	No	No
FTM138	No	No	DEP	No	No	No	No
FTM139	No	No	DEP	No	No	No	No
FTM140	No	No	DEP	No	No	No	No

Table 4. Chemistry

Analysis (lab name)	EPA Characteristic Name	Compound Class	Method Speciation Name	Result Sample Fraction	Result Measure Unit	Result Value Type	Sample Collection Type	Sample Collection Equipment
NJ Dept of Health (#11036)	Mercury	Metal	EPA 1631E	Total	ng/g	Actual	plug	Miscellaneous (Other)
NJ Dept of Health (#11036)	Selenium	Metal	CHE.0009	Total	ug/kg	Actual	plug	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2',3,3',4,5-PeCB(76842-07-4)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2',3,4,4',5-PeCB(65510-44-3)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2',3,4,5,5'-PeCB(70424-70-3)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2',3,4,5,6'-PeCB(74472-39-2)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2',3,4,5-TeCB(70362-48-0)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2',3,4-TrCB(38444-86-9)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2',3,5-TrCB(37680-68-5)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3',4,5-PeCB(41464-51-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3',4,6-Pentachlorobiphenyl(60233-25-2)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4',5,6-HpCB(52663-70-4)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl(2051-24-3)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl(40186-72-9)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4,4',5,5'-OcCB(35694-08-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4,4',5,6'-OcCB(42740-50-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4,4',5,6,6'-NoCB(52663-79-3)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4,4',5,6-Octachorobiphenyl(52663-78-2)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4,4',5-Heptachlorobiphenyl(35065-30-6)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4,4',6,6'-OcCB(33091-17-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4,4',6-Heptachlorobiphenyl(52663-71-5)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4,4'-Hexachlorobiphenyl(38380-07-3)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4,5',6,6'-Octachlorobiphenyl(40186-71-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4,5',6-HpCB(40186-70-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4,5'-HxCB(52663-66-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4,5,5',6'-OcCB(52663-75-9)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4,5,5',6,6'-NoCB(52663-77-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4,5,5',6-OcCB(68194-17-2)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4,5,5'-HpCB(52663-74-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4,5,6'-HpCB(38411-25-5)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4,5,6,6'-OcCB(52663-73-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4,5,6-HpCB(68194-16-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4,5-HxCB(55215-18-4)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4,6'-HxCB(38380-05-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4,6,6'-HpCB(52663-65-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4,6-HxCB(61798-70-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',4-PeCB(52663-62-4)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',5,5',6,6'-OcCB(2136-99-4)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',5,5',6-HpCB(52663-67-9)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',5,5'-HxCB(35694-04-3)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',5,6'-HxCB(52744-13-5)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',5,6,6'-HpCB(52663-64-6)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',5,6-HxCB(52704-70-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',5-PeCB(60145-20-2)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',6,6'-HxCB(38411-22-2)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3',6-PeCB(52663-60-2)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,3'-TeCB(38444-93-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4',5',6-HxCB(38380-04-0)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4',5,5',6-Heptachlorobiphenyl(52663-68-0)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4',5,5'-HxCB(51908-16-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4',5,6'-HxCB(74472-41-6)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	2,2',3,4',5,6,6'-HpCB(74487-85-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4',5,6-HxCB(68194-13-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4',5-PeCB(68194-07-0)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4',6,6'-HxCB(68194-08-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4',6-PeCB(68194-05-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4'-TeCB(36559-22-5)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4,4',5',6-HpCB(52663-69-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4,4',5'-Hexachlorobiphenyl(35065-28-2)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4,4',5,5',6-OcCB(52663-76-0)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4,4',5,5'-HpCB(35065-29-3)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4,4',5,6'-HpCB(60145-23-5)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4,4',5,6,6'-OcCB(74472-52-9)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4,4',5,6-HpCB(74472-47-2)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	2,2',3,4,4',5-HxCB(35694-06-5)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4,4',6'-HxCB(59291-64-4)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4,4',6,6'-HpCB(74472-48-3)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4,4',6-HxCB(56030-56-9)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4,4'-PeCB(65510-45-4)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4,5',6-HxCB(68194-14-9)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4,5'-PeCB(38380-02-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4,5,5',6-HpCB(52712-05-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4,5,5'-HxCB(52712-04-6)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4,5,6'-HxCB(68194-15-0)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4,5,6,6'-HpCB(74472-49-4)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4,5,6-HxCB(41411-61-4)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4,5-PeCB(55312-69-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4,6'-PeCB(73575-57-2)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	2,2',3,4,6,6'-HxCB(74472-40-5)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4,6-PeCB(55215-17-3)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4-TeCB(52663-59-9)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,5',6-PeCB(38379-99-6)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,5'-Tetrachlorobiphenyl(41464-39-5)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,5,5',6-HxCB(52663-63-5)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,5,5'-PeCB(52663-61-3)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,5,6'-PeCB(73575-55-0)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,5,6,6'-HxCB(68194-09-2)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,5,6-PeCB(73575-56-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,5-TeCB(70362-46-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,6'-TeCB(41464-47-5)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,6,6'-PeCB(73575-54-9)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	2,2',3,6-TeCB(70362-45-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3-TrCB(38444-78-9)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',4,4',5',6-Hexachlorobiphenyl(60145-22-4)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',4,4',5,5'-Hexachlorobiphenyl(35065-27-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',4,4',5-PeCB(38380-01-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',4,4',6,6'-HxCB(33979-03-2)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',4,4',6-PeCB(39485-83-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',4,4'-Tetrachlorobiphenyl(2437-79-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',4,5'-TeCB(41464-40-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',4,5,'6-PeCB(60145-21-3)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',4,5,5'-Pentachlorobiphenyl(37680-73-2)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',4,5,6'-PeCB(68194-06-9)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',4,5-TeCB(70362-47-9)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	2,2',4,6'-TeCB(68194-04-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',4,6,6'-PeCB(56558-16-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',4,6-TeCB(62796-65-0)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',4-TrCB(37680-66-3)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',5,5'-Tetrachlorobiphenyl(35693-99-3)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',5,6'-TeCB(41464-41-9)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',5-Trichlorobiphenyl(37680-65-2)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',6,6'-TeCB(15968-05-5)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',6-TrCB(38444-73-4)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2'-DiCB(13029-08-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3',4',5-TeCB(32598-11-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3',4',6-TeCB(41464-46-4)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3',4,4',5',6-HxCB(59291-65-5)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	2,3',4,4',5,5'-HxCB(52663-72-6)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3',4,4',5-Pentachlorobiphenyl(31508-00-6)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3',4,4',6-PeCB(56558-17-9)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3',4,4'-Tetrachlorobiphenyl(32598-10-0)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3',4,5'-TeCB(73575-52-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3',4,5,'6-PeCB(56558-18-0)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3',4,5,5'-PeCB(68194-12-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3',4,5-TeCB(73575-53-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3',4,6-TeCB(60233-24-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3',4-TrCB(55712-37-3)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3',5',6-TeCB(74338-23-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3',5,5'-TeCB(41464-42-0)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3',5-TrCB(38444-81-4)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	2,3',6-TrCB(38444-76-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3'-DiCB(25569-80-6)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',4',5',6-HxCB(74472-45-0)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',4',5,5',6-HpCB(69782-91-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',4',5,5'-HxCB(39635-34-2)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',4',5,6-HxCB(74472-44-9)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',4',5-PeCB(70424-68-9)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',4',6-PeCB(38380-03-9)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',4'-TeCB(41464-43-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',4'-TeCB(74338-24-2)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',4,4',5',6-HpCB(74472-50-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',4,4',5'-HxCB(69782-90-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',4,4',5,5',6-OcCB(74472-53-0)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	2,3,3',4,4',5,5'-HpCB(39635-31-9)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',4,4',5,6-HpCB(41411-64-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',4,4',5-HxCB(38380-08-4)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',4,4',6-HxCB(74472-42-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',4,4'-Pentachlorobiphenyl(32598-14-4)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',4,5',6-HxCB(74472-43-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',4,5'-PeCB(70362-41-3)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',4,5,5',6-HpCB(74472-51-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',4,5,5'-HxCB(39635-35-3)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',4,5,6-HxCB(41411-62-5)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',4,5-PeCB(70424-69-0)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',4,6-PeCB(74472-35-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',5',6-PeCB(68194-10-5)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	2,3,3',5'-TeCB(41464-49-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',5,5',6-HxCB(74472-46-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',5,5'-PeCB(39635-32-0)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',5,6-PeCB(74472-36-9)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',5-TeCB(70424-67-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3',6-TeCB(74472-33-6)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,3'-TrCB(38444-84-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,4',5,6-PeCB(68194-11-6)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,4',5-TeCB(74472-34-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,4',6-TeCB(52663-58-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,4'-TrCB(38444-85-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,4,4',5,6-HxCB(41411-63-6)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,4,4',5-PeCB(74472-37-0)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	2,3,4,4',6-PeCB(74472-38-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,4,4'-TeCB(33025-41-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,4,5,6-PeCB(18259-05-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,4,5-TeCB(33284-53-6)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,4,6-TeCB(54230-22-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,4-TrCB(55702-46-0)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,5,6-TeCB(33284-54-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,5-TrCB(55720-44-0)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,6-TrCB(55702-45-9)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3-Dichlorobiphenyl(16605-91-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,4',5-TrCB(16606-02-3)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,4',6-TrCB(38444-77-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,4'-Dichlorobiphenyl(34883-43-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	2,4,4',5-TeCB(32690-93-0)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,4,4',6-TeCB(32598-12-2)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,4,4'-Trichlorobiphenyl(7012-37-5)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,4,5-Trichlorobiphenyl(15862-07-4)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,4,6-TrCB(35693-92-6)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,4-DiCB(33284-50-3)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,5-DiCB(34883-39-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,6-DiCB(33146-45-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2-Chlorobiphenyl(2051-60-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	3,3',4,4',5,5'-HxCB(32774-16-6)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	3,3',4,4',5-Pentachlorobiphenyl(57465-28-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	3,3',4,4'-Tetrachlorobiphenyl(32598-13-3)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	3,3',4,5'-TeCB(41464-48-6)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	3,3',4,5,5'-PeCB(39635-33-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	3,3',4,5-TeCB(70362-49-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	3,3',4-TrCB(37680-69-6)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	3,3',5,5'-TeCB(33284-52-5)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	3,3',5-TrCB(38444-87-0)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	3,3'-DiCB(2050-67-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	3,4',5-TrCB(38444-88-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	3,4'-DiCB(2974-90-5)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	3,4,4',5-TeCB(70362-50-4)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	3,4,4'-TrCB(38444-90-5)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	3,4,5-TrCB(53555-66-1)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	3,4-DiCB(2974-92-7)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	3,5-DiCB(34883-41-5)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	3-MoCB(2051-61-8)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	4,4'-DiCB(2050-68-2)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	4-MoCB(2051-62-9)	PCB congeners	USEPA 1668A	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',3,4,4',5',6-Heptabromodiphenyl ether(207122-16-5)	PBDPE	USEPA Method 1614	Total	ng/kg	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',4,4',5,5'-Hexabromodiphenyl ether(68631-49-2)	PBDPE	USEPA Method 1614	Total	ng/kg	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',4,4',5-Pentabromodiphenyl ether(60348-60-9)	PBDPE	USEPA Method 1614	Total	ng/kg	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,2',4,4',6-Pentabromodiphenyl ether(189084-64-8)	PBDPE	USEPA Method 1614	Total	ng/kg	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Benzene, 2,4-dibromo-1-(2,4-dibromophenoxy)-(5436-43-1)	PBDPE	USEPA Method 1614	Total	ng/kg	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Decabromobiphenyl ether(1163-19-5)	PBDPE	USEPA Method 1614	Total	ng/kg	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Polybrominated diphenyl ether 154(207122-15-4)	PBDPE	USEPA Method 1614	Total	ng/kg	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Tribromodiphenyl ether(49690-94-0)	PBDPE	USEPA Method 1614	Total	ng/kg	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,5,6-Tetrachloronitrobenzene(117-18-0)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,4' -DDD(53-19-0)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	2,4'-DDE(3424-82-6)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	4,4'-DDD(72-54-8)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	4,4'-DDE(72-55-9)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Aldrin(309-00-2)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Ametryn(834-12-8)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Atrazine(1912-24-9)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Azinphos-methyl(86-50-0)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Captan(133-06-2)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Chlorothalonil(1897-45-6)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Chlorpyrifos(2921-88-2)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Chlorpyrifos methyl(5598-13-0)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Chlorpyrifos oxon(5598-15-2)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Cyanazine(21725-46-2)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	Cypermethrin(52315-07-8)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	DCPA(1861-32-1)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Desethylatrazine(6190-65-4)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Diazinon(333-41-5)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Diazinon oxon(962-58-3)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Dieldrin(60-57-1)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Disulfoton(298-04-4)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Disulfoton sulfone(2497-06-5)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Endosulfan sulfate(1031-07-8)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Endosulfan-I(959-98-8)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Endosulfan-II(33213-65-9)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Endrin(72-20-8)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Endrin ketone(53494-70-5)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	Ethyl parathion(56-38-2)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Fenitrothion(122-14-5)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Fonofos(944-22-9)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Heptachlor(76-44-8)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Heptachlor epoxide(1024-57-3)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Herbicides(E-12839)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Hexachlorobenzene(118-74-1)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Hexazinone(51235-04-2)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Lindane(58-89-9)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Malathion(121-75-5)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Methamidophos(10265-92-6)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Methoxychlor(72-43-5)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Methyl parathion(298-00-0)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	Metribuzin(21087-64-9)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Mirex(2385-85-5)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Octachlorostyrene(29082-74-4)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Organics, semivolatile(E-12884)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Organochlorine pesticides(E-12851)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Organophosphate pesticides(E-12873)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Oxychlordane(27304-13-8)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Pentachloronitrobenzene(82-68-8)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Permethrin(52645-53-1)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Perthane(72-56-0)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Phorate(298-02-2)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Phosmet(732-11-6)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Pirimiphos-methyl(29232-93-7)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	Simazine(122-34-9)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	alpha-BHC(319-84-6)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	alpha-Chlordane(5103-71-9)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	beta-BHC(319-85-7)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	cis-Nonachlor(5103-73-1)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	delta-BHC(319-86-8)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	o,p'-DDT(789-02-6)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	p,p'-DDT(50-29-3)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	trans-Chlordane(5103-74-2)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	trans-Nonachlor(39765-80-5)	OC Pesticides	USEPA 1699	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Hexachlorodibenzofuran	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	Pentachlorodibenzofuran	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Tetrachlorodibenzo-p-dioxin	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	1,2,3,4,7,8-Hexachlorodibenzofuran	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,4,7,8-Pentachlorodibenzofuran	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Heptachlorodibenzofuran	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	1,2,3,6,7,8-Hexachlorodibenzofuran	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,7,8-Tetrachlorodibenzofuran	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	1,2,3,4,6,7,8-Heptachlorodibenzofuran	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,4,6,7,8-Hexachlorodibenzofuran	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,7,8-Tetrachlorodibenzofuran	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	1,2,3,4,7,8,9-Heptachlorodibenzofuran	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Pentachlorodibenzo-p-dioxin	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	1,2,6,7-tetrachlorodibenzofuran	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	2,3,7,8-Tetrachlorodibenzo-p-dioxin	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	1,2,3,7,8-Pentachlorodibenzofuran	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Heptachlorodibenzo-p-dioxin	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	1,2,3,7,8,9-Hexachlorodibenzofuran	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	Hexachlorodibenzo-p-dioxin	Dioxins and Furans	USEPA 1613B	Total	pg/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**Perfluorobutanoate (PFBA)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**Perfluoropentanoate (PFPeA)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**Perfluorohexanoate (PFHxA)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	**Perfluoroheptanoate (PFHpA)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**Perfluorooctanoate (PFOA)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**Perfluorononanoate (PFNA)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**Perfluorodecanoate (PFDA)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**Perfluoroundecanoate (PFUnA)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**Perfluorododecanoate (PFDoA)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**Perfluorotridecanoate (PFTrDA)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**Perfluorotetradecanoate (PFTeDA)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**Perfluorobutanesulfonate (PFBS)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**Perfluoropentanesulfonate (PFPeS)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**Perfluorohexanesulfonate (PFHxS)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**Perfluoroheptanesulfonate (PFHpS)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**Perfluorooctanesulfonate (PFOS)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	**Perfluorononanesulfonate (PFNS)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**Perfluorodecanesulfonate (PFDS)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**Perfluorododecanesulfonate (PFDoS)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**4:2 fluorotelomersulfonate (4:2 FTS)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**6:2 fluorotelomersulfonate (6:2 FTS)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**8:2 fluorotelomersulfonate (8:2 FTS)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**Perfluorooctanesulfonamide (PFOSA), a.k.a FOSA**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**N-Methylperfluorooctanesulfonamide (N-MeFOSA)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**N-Ethylperfluorooctanesulfonamide (N-EtFOSA)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**N-Ethylperfluorooctanesulfonamidoethanol (N-EtFOSE)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)

SGS AXYS ANALYTICAL (CANA005)	**Perfluoro-2-propoxypropanoate (HFPO-DA)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**4-dioxa-3H-perfluorononanoate (ADONA)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**3:3 perfluorohexanoic acid (3:3 FTCA)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**5:3 perfluorooctanoic acid (5:3 FTCA)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**7:3 perfluorodecanoic acid (7:3 FTCA)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**Perfluoro-4-methoxybutanoate (PFMBA)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**Perfluoro-3-methoxypropanoate (PFMPA)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)
SGS AXYS ANALYTICAL (CANA005)	**Perfluoro-3,6-dioxaheptanoate (NFDHA)**	PFAS	MLA-110 R.02 V.12	Total	ng/g	Actual	fillet	Miscellaneous (Other)

Table 5. Lab Worksheet

	Laboratory	Lab Number	Method	Method ID Context	Method Detection Limit	units	Holding Time	Preservative
Total Mercury	NJ Dept of Health	11036	1631	USEPA	0.0896	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Selenium	NJ Dept of Health	11036	CHE.0009	FDA	95	ug/kg	6 months	Ice to 4ºC in field. Freeze within 24 hours.
2',3,3',4,5-PeCB(76842-07-4)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2',3,4,4',5-PeCB(65510-44-3)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2',3,4,5,5'-PeCB(70424-70-3)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.03	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2',3,4,5,6'-PeCB(74472-39-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2',3,4,5-TeCB(70362-48-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2',3,4-TrCB(38444-86-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2',3,5-TrCB(37680-68-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3',4,5-PeCB(41464-51-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3',4,6-Pentachlorobiphenyl(60233-25-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',4',5,6-HpCB(52663-70-4)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl(2051-24-3)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl(40186-72-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.05	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',4,4',5,5'-OcCB(35694-08-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.

2,2',3,3',4,4',5,6'-OcCB(42740-50-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.04	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',4,4',5,6,6'-NoCB(52663-79-3)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.05	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',4,4',5,6-Octachorobiphenyl(52663-78-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.04	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',4,4',5-Heptachlorobiphenyl(35065-30-6)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',4,4',6,6'-OcCB(33091-17-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.03	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',4,4',6-Heptachlorobiphenyl(52663-71-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.04	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',4,4'-Hexachlorobiphenyl(38380-07-3)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',4,5',6,6'-Octachlorobiphenyl(40186-71-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.04	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',4,5',6-HpCB(40186-70-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.04	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',4,5'-HxCB(52663-66-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',4,5,5',6'-OcCB(52663-75-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',4,5,5',6,6'-NoCB(52663-77-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.05	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',4,5,5',6-OcCB(68194-17-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',4,5,5'-HpCB(52663-74-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.04	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',4,5,6'-HpCB(38411-25-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',4,5,6,6'-OcCB(52663-73-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.03	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',4,5,6-HpCB(68194-16-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.04	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.

2,2',3,3',4,5-HxCB(55215-18-4)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',4,6'-HxCB(38380-05-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',4,6,6'-HpCB(52663-65-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.04	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',4,6-HxCB(61798-70-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',4-PeCB(52663-62-4)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',5,5',6,6'-OcCB(2136-99-4)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.04	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',5,5',6-HpCB(52663-67-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',5,5'-HxCB(35694-04-3)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',5,6'-HxCB(52744-13-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',5,6,6'-HpCB(52663-64-6)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',5,6-HxCB(52704-70-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',5-PeCB(60145-20-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',6,6'-HxCB(38411-22-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3',6-PeCB(52663-60-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,3'-TeCB(38444-93-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4',5',6-HxCB(38380-04-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4',5,5',6-Heptachlorobiphenyl(52663-68-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.

2,2',3,4',5,5'-HxCB(51908-16-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4',5,6'-HxCB(74472-41-6)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.03	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4',5,6,6'-HpCB(74487-85-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4',5,6-HxCB(68194-13-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4',5-PeCB(68194-07-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4',6,6'-HxCB(68194-08-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.03	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4',6-PeCB(68194-05-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4'-TeCB(36559-22-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4,4',5',6-HpCB(52663-69-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.04	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4,4',5'-Hexachlorobiphenyl(35065-28-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4,4',5,5',6-OcCB(52663-76-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.04	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4,4',5,5'-HpCB(35065-29-3)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4,4',5,6'-HpCB(60145-23-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.04	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4,4',5,6,6'-OcCB(74472-52-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.05	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4,4',5,6-HpCB(74472-47-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.04	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4,4',5-HxCB(35694-06-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.03	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4,4',6'-HxCB(59291-64-4)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.

2,2',3,4,4',6,6'-HpCB(74472-48-3)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.04	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4,4',6-HxCB(56030-56-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4,4'-PeCB(65510-45-4)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4,5',6-HxCB(68194-14-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4,5'-PeCB(38380-02-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4,5,5',6-HpCB(52712-05-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.04	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4,5,5'-HxCB(52712-04-6)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4,5,6'-HxCB(68194-15-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4,5,6,6'-HpCB(74472-49-4)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.04	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4,5,6-HxCB(41411-61-4)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.03	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4,5-PeCB(55312-69-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4,6'-PeCB(73575-57-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4,6,6'-HxCB(74472-40-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.03	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4,6-PeCB(55215-17-3)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4-TeCB(52663-59-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,5',6-PeCB(38379-99-6)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,5'-Tetrachlorobiphenyl(41464-39-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.

2,2',3,5,5',6-HxCB(52663-63-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,5,5'-PeCB(52663-61-3)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,5,6'-PeCB(73575-55-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,5,6,6'-HxCB(68194-09-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,5,6-PeCB(73575-56-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,5-TeCB(70362-46-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,6'-TeCB(41464-47-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,6,6'-PeCB(73575-54-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,6-TeCB(70362-45-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3-TrCB(38444-78-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',4,4',5',6-Hexachlorobiphenyl(60145-22-4)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',4,4',5,5'-Hexachlorobiphenyl(35065-27-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',4,4',5-PeCB(38380-01-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',4,4',6,6'-HxCB(33979-03-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.03	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',4,4',6-PeCB(39485-83-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',4,4'-Tetrachlorobiphenyl(2437-79-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',4,5'-TeCB(41464-40-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.

2,2',4,5,'6-PeCB(60145-21-3)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',4,5,5'-Pentachlorobiphenyl(37680-73-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',4,5,6'-PeCB(68194-06-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',4,5-TeCB(70362-47-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',4,6'-TeCB(68194-04-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',4,6,6'-PeCB(56558-16-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',4,6-TeCB(62796-65-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',4-TrCB(37680-66-3)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',5,5'-Tetrachlorobiphenyl(35693-99-3)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',5,6'-TeCB(41464-41-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',5-Trichlorobiphenyl(37680-65-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',6,6'-TeCB(15968-05-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',6-TrCB(38444-73-4)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2'-DiCB(13029-08-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3',4',5-TeCB(32598-11-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3',4',6-TeCB(41464-46-4)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3',4,4',5',6-HxCB(59291-65-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.

2,3',4,4',5,5'-HxCB(52663-72-6)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3',4,4',5-Pentachlorobiphenyl(31508-00-6)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3',4,4',6-PeCB(56558-17-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3',4,4'-Tetrachlorobiphenyl(32598-10-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3',4,5'-TeCB(73575-52-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3',4,5,'6-PeCB(56558-18-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3',4,5,5'-PeCB(68194-12-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3',4,5-TeCB(73575-53-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3',4,6-TeCB(60233-24-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3',4-TrCB(55712-37-3)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3',5',6-TeCB(74338-23-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3',5,5'-TeCB(41464-42-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3',5-TrCB(38444-81-4)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3',6-TrCB(38444-76-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3'-DiCB(25569-80-6)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',4',5',6-HxCB(74472-45-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',4',5,5',6-HpCB(69782-91-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.

2,3,3',4',5,5'-HxCB(39635-34-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.04	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',4',5,6-HxCB(74472-44-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',4',5-PeCB(70424-68-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.03	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',4',6-PeCB(38380-03-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',4'-TeCB(41464-43-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',4'-TeCB(74338-24-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',4,4',5',6-HpCB(74472-50-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.04	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',4,4',5'-HxCB(69782-90-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',4,4',5,5',6-OcCB(74472-53-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.05	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',4,4',5,5'-HpCB(39635-31-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',4,4',5,6-HpCB(41411-64-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',4,4',5-HxCB(38380-08-4)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',4,4',6-HxCB(74472-42-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',4,4'-Pentachlorobiphenyl(32598-14-4)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',4,5',6-HxCB(74472-43-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.04	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',4,5'-PeCB(70362-41-3)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',4,5,5',6-HpCB(74472-51-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.04	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.

2,3,3',4,5,5'-HxCB(39635-35-3)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.04	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',4,5,6-HxCB(41411-62-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',4,5-PeCB(70424-69-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',4,6-PeCB(74472-35-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',5',6-PeCB(68194-10-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',5'-TeCB(41464-49-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',5,5',6-HxCB(74472-46-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.04	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',5,5'-PeCB(39635-32-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',5,6-PeCB(74472-36-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.03	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',5-TeCB(70424-67-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3',6-TeCB(74472-33-6)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,3'-TrCB(38444-84-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,4',5,6-PeCB(68194-11-6)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,4',5-TeCB(74472-34-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,4',6-TeCB(52663-58-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,4'-TrCB(38444-85-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,4,4',5,6-HxCB(41411-63-6)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.

2,3,4,4',5-PeCB(74472-37-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,4,4',6-PeCB(74472-38-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,4,4'-TeCB(33025-41-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,4,5,6-PeCB(18259-05-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,4,5-TeCB(33284-53-6)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,4,6-TeCB(54230-22-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,4-TrCB(55702-46-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,5,6-TeCB(33284-54-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,5-TrCB(55720-44-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,6-TrCB(55702-45-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3-Dichlorobiphenyl(16605-91-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,4',5-TrCB(16606-02-3)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,4',6-TrCB(38444-77-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,4'-Dichlorobiphenyl(34883-43-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,4,4',5-TeCB(32690-93-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,4,4',6-TeCB(32598-12-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,4,4'-Trichlorobiphenyl(7012-37-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.

2,4,5-Trichlorobiphenyl(15862-07-4)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,4,6-TrCB(35693-92-6)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,4-DiCB(33284-50-3)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,5-DiCB(34883-39-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,6-DiCB(33146-45-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2-Chlorobiphenyl(2051-60-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
3,3',4,4',5,5'-HxCB(32774-16-6)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
3,3',4,4',5-Pentachlorobiphenyl(57465-28-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
3,3',4,4'-Tetrachlorobiphenyl(32598-13-3)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
3,3',4,5'-TeCB(41464-48-6)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
3,3',4,5,5'-PeCB(39635-33-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.03	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
3,3',4,5-TeCB(70362-49-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
3,3',4-TrCB(37680-69-6)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
3,3',5,5'-TeCB(33284-52-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
3,3',5-TrCB(38444-87-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
3,3'-DiCB(2050-67-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
3,4',5-TrCB(38444-88-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.

3,4'-DiCB(2974-90-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
3,4,4',5-TeCB(70362-50-4)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
3,4,4'-TrCB(38444-90-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
3,4,5-TrCB(53555-66-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
3,4-DiCB(2974-92-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
3,5-DiCB(34883-41-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
3-MoCB(2051-61-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
4,4'-DiCB(2050-68-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.02	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
4-MoCB(2051-62-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1668A	USEPA	0.01	ng/g	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',3,4,4',5',6-Heptabromodiphenyl ether(207122-16-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1614	USEPA	3.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',4,4',5,5'-Hexabromodiphenyl ether(68631-49-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1614	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',4,4',5-Pentabromodiphenyl ether(60348-60-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1614	USEPA	4.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,2',4,4',6-Pentabromodiphenyl ether(189084-64-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1614	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Benzene, 2,4-dibromo-1-(2,4-dibromophenoxy)-(5436-43-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1614	USEPA	2.50	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Decabromobiphenyl ether(1163-19-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1614	USEPA	70.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Polybrominated diphenyl ether 154(207122-15-4)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1614	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Tribromodiphenyl ether(49690-94-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1614	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.

2,3,5,6-Tetrachloronitrobenzene(117-18-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.50	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,4' -DDD(53-19-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	70.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,4'-DDE(3424-82-6)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
4,4'-DDD(72-54-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
4,4'-DDE(72-55-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Aldrin(309-00-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Ametryn(834-12-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Atrazine(1912-24-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Azinphos-methyl(86-50-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Captan(133-06-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Chlorothalonil(1897-45-6)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Chlorpyrifos(2921-88-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Chlorpyrifos methyl(5598-13-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Chlorpyrifos oxon(5598-15-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Cyanazine(21725-46-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Cypermethrin(52315-07-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
DCPA(1861-32-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.

Desethylatrazine(6190-65-4)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Diazinon(333-41-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Diazinon oxon(962-58-3)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Dieldrin(60-57-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Disulfoton(298-04-4)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Disulfoton sulfone(2497-06-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Endosulfan sulfate(1031-07-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Endosulfan-I(959-98-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Endosulfan-II(33213-65-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Endrin(72-20-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Endrin ketone(53494-70-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Ethyl parathion(56-38-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Fenitrothion(122-14-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Fonofos(944-22-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Heptachlor(76-44-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Heptachlor epoxide(1024-57-3)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Herbicides(E-12839)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.

Hexachlorobenzene(118-74-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Hexazinone(51235-04-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Lindane(58-89-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Malathion(121-75-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Methamidophos(10265-92-6)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Methoxychlor(72-43-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Methyl parathion(298-00-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Metribuzin(21087-64-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Mirex(2385-85-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Octachlorostyrene(29082-74-4)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Organics, semivolatile(E-12884)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Organochlorine pesticides(E-12851)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Organophosphate pesticides(E-12873)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Oxychlordane(27304-13-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Pentachloronitrobenzene(82-68-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Permethrin(52645-53-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perthane(72-56-0)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.

Phorate(298-02-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Phosmet(732-11-6)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Pirimiphos-methyl(29232-93-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Simazine(122-34-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
alpha-BHC(319-84-6)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
alpha-Chlordane(5103-71-9)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
beta-BHC(319-85-7)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
cis-Nonachlor(5103-73-1)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
delta-BHC(319-86-8)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
o,p'-DDT(789-02-6)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
p,p'-DDT(50-29-3)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
trans-Chlordane(5103-74-2)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
trans-Nonachlor(39765-80-5)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1699	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Hexachlorodibenzofuran	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Pentachlorodibenzofuran	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.

Tetrachlorodibenzo-p-dioxin	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
1,2,3,4,6,7,8,9-Octachlorodibenzofuran	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
1,2,3,4,7,8-Hexachlorodibenzofuran	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,4,7,8-Pentachlorodibenzofuran	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Heptachlorodibenzofuran	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
1,2,3,6,7,8-Hexachlorodibenzofuran	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,7,8-Tetrachlorodibenzofuran	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
1,2,3,4,6,7,8-Heptachlorodibenzofuran	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,4,6,7,8-Hexachlorodibenzofuran	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,7,8-Tetrachlorodibenzofuran	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
1,2,3,4,7,8,9-Heptachlorodibenzofuran	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Pentachlorodibenzo-p-dioxin	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
1,2,6,7-tetrachlorodibenzofuran	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
2,3,7,8-Tetrachlorodibenzo-p-dioxin	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.

1,2,3,7,8-Pentachlorodibenzofuran	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Heptachlorodibenzo-p-dioxin	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
1,2,3,7,8,9-Hexachlorodibenzofuran	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Hexachlorodibenzo-p-dioxin	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Hexachlorodibenzo-p-dioxin	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluorobutanoate (PFBA)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	1613B	USEPA	2.00	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluorobutanoate (PFBA)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluoropentanoate (PFPeA)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluorohexanoate (PFHxA)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluoroheptanoate (PFHpA)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluorooctanoate (PFOA)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluorononanoate (PFNA)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluorodecanoate (PFDA)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluoroundecanoate (PFUnA)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluorododecanoate (PFDoA)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluorotridecanoate (PFTrDA)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.

Perfluorotetradecanoate (PFTeDA)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluorobutanesulfonate (PFBS)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluoropentanesulfonate (PFPeS)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluorohexanesulfonate (PFHxS)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluoroheptanesulfonate (PFHpS)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluorooctanesulfonate (PFOS)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluorononanesulfonate (PFNS)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluorodecanesulfonate (PFDS)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluorododecanesulfonate (PFDoS)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
4:2 fluorotelomersulfonate (4:2 FTS)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
6:2 fluorotelomersulfonate (6:2 FTS)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
8:2 fluorotelomersulfonate (8:2 FTS)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
N-Methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
N-Ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluorooctanesulfonamide (PFOSA), a.k.a FOSA	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
N-Methylperfluorooctanesulfonamide (N-MeFOSA)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
N-Ethylperfluorooctane	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.

sulfonamide (N-EtFOSA)								
N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
N-Ethylperfluorooctane sulfonamidoethanol (N-EtFOSE)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluoro-2-propoxypropanoate (HFPO-DA)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
4-dioxa-3H-perfluorononanoate (ADONA)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
3:3 perfluorohexanoic acid (3:3 FTCA)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
5:3 perfluorooctanoic acid (5:3 FTCA)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
7:3 perfluorodecanoic acid (7:3 FTCA)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluoro-4-methoxybutanoate (PFMBA)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluoro-3-methoxypropanoate (PFMPA)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.
Perfluoro-3,6-dioxaheptanoate (NFDHA)	SGS AXYS ANALYTICAL (CANA005)	SGS AXYS ANALYTICAL (CANA005)	MLA-110 R.02 V.12		0.5-1	ng/kg	1 year	Ice to 4ºC in field. Freeze within 24 hours.

APPENDIX B:
Lab Chain of Custody - NJDOH

Field ID Number: FTM040LMB0117D

New Jersey Department of Health
Environmental and Chemical Laboratory Services
PO Box 361, Trenton, NJ 08625-0361
Phone: 609-530-2820
ORGANIC AND INORGANIC CHEMISTRY SAMPLE SUBMITTAL
(See Instructions)

Lab Sample Number (For Lab Use Only):

AGENCY INFORMATION

Submitting Agency	Send Results To	Agency No.	Project Name
NJDEP- BFBM			NJDEP Freshwater Fish Tissue Monitoring
Street Address	**Final Report Option** ☐ Tier 1 ☐ Tier 2	**Would you like copies of the internal chain of custody forms sent with your report?** ☐ Yes ■ No	**Project Code**
35 Arctic Parkway	**Electronic Report Option** ☐ EDD ☐ E-2		**Memo Number**
City, State, Zip Code	**Phone**	**Fax**	**Email**
Trenton, NJ, 08625	609-292-0427		Brian.Henning@dep.nj.gov

SAMPLE INFORMATION

Sample Point/Station ID Number/Water Facility ID	Collection Date (YY/MM/DD)	Sample Type
FTM040	17/07/17	**Non-Potable:** ☐ Stream/Surface ☐ Ground Water ☐ Private Well ☐ Septic ☐ Ocean/Saline ☐ Sediment ☐ Tissue ■ Sewage: ■ Raw ☐ Effluent ☐ Industrial: ☐ Raw ☐ Effluent
Sampling Site/Facility/Supply/Location/Sampling Point ID	**Coll. Time (24h) Start** 1200 **Coll. Time (24h) End** ____	
Waterbody Name Assunpink Lake	**Sample Retention** Retain? ☐ No ■ Yes Duration _____	
Municipality/County Upper Freehold/ Monmouth	**Type of Sampling Event** ■ Regular ☐ Compliance ☐ Repeat ☐ Non-Regulatory ☐ Other	**Potable:** ☐ Ground Water Raw ☐ Source ☐ Confirmation ☐ Raw ☐ Finished ☐ Private Well ☐ At Source ☐ Flushed ☐ 1st Draw ☐ Lead Source Line ☐ Surface H_2O Intake ☐ Distribution System
Sampling Point Street Address	**If Repeat or GWR, List Original Lab Sample No.**	
	Sample Collector Brian Henning	**Fraction:** ■ Total ☐ Dissolved
PWSID	**Trip #**	**Other:** ■ FISH
		Priority: ■ Routine ☐ Priority ☐ Emergency

FIELD INFORMATION

Air Temp °C	Water Temp °C	Stream Flow-CFS
Weather Conditions	Sample pH (Field)	Gage Height-Ft.
Preserved in: ☐ Field ☐ Lab Date: __ __ / __ __ / __ __ Time: __ __ __ __	DO (mg/l)	Spec.Cond. (µS/CM)
	DO% Sat	Salinity (ppm)
Chlorine Residual	Sample Depth	Tide Stage
Comments/Field Checks	Barometric Pressure (mmHg)	Turbidity (NTU)

ANALYSIS REQUESTS

Metals

☐ Ag..... Silver ☐ Mg..... Magnesium
☐ Al..... Aluminum ☐ Mn..... Manganese
☐ As..... Arsenic ☐ Mo..... Molybdenum
☐ B..... Boron ☐ Na..... Sodium
☐ Ba..... Barium ☐ Ni..... Nickel
☐ Be..... Beryllium ☐ Pb..... Lead
☐ Ca..... Calcium ☐ Sb..... Antimony
☐ Cd..... Cadmium ■ Se..... Selenium
☐ Co..... Cobalt ☐ Si..... Silica
☐ CR-T.... Chromium ☐ Tl..... Thallium
☐ Cu..... Copper ☐ U..... Uranium
☐ Fe..... Iron ☐ V..... Vanadium
☐ K..... Potassium ☐ Zn..... Zinc

Preferred Methodology
☐ EPA 200.7 / 200.9 ☐ EPA 200.8

Residues
☐ Total Suspended Solids (TSS)
☐ Total Solids (TS)
☐ Total Dissolved Solids (TDS)
☐ Settleable Solids (SS)
☐ Total Volatile Solids (TVS)

General
☐ Alkalinity
☐ Bromide by IC
☐ Chloride
☐ Chloride by IC
☐ Chromium, Hexavalent
☐ Chromium, Hexavalent by IC
☐ Color
☐ Conductance
☐ Cyanide
☐ Dissolved Oxygen
☐ Fluoride
☐ Fluoride by IC
☐ Hardness
☐ MBAS
☐ Odor
☐ pH
☐ Phenols (PW)
☐ Phenols (NPW)
☐ Sulfate by IC
☐ Sulfate Lachat
☐ Turbidity

Mercury
☐ Mercury by EPA 245.1
■ Low Level Mercury EPA 1631E

Nutrients
☐ Nitrite
☐ Total Phosphorus
☐ Ammonia
☐ Nitrate (Calculated)
☐ Nitrogen, Total (Calculated)
☐ Nitrite + Nitrate
☐ Ortho Phosphorus
☐ Total Kjeldahl Nitrogen (TKN)

Other
☐ _____ ☐ _____ ☐ _____

Organics (Drinking Water)
☐ EPA 504.1 - EDB, DBCP,123TCP
☐ EPA 505 - Chlordane
☐ EPA 505 - Toxaphene
☐ EPA 507 - N and P containing Pesticides
☐ EPA 515.3 - Chlorinated Acid Herbicides
☐ EPA 524.2 - Purgeables
☐ EPA 525.2 - Liquid-Solid Extractables
☐ EPA 531.1 - N-Methylcarbamoyloximes and N-Methylcarbamates

Organics (Non-Potable Water)
☐ EPA 624 – Purgeables
☐ EPA 625 - Base/Neutral and Acid Extractables

Demands
☐ Total Organic Carbon (TOC)
☐ Dissolved Organic Carbon (DOC)
☐ Chemical Oxygen Demand (COD)

Suggested Dilutions
☐ BOD5 ☐ BOD20 ____ ____ ____
☐ CBOD5 ☐ CBOD20 ____ ____ ____

Relinquished By:	Affiliation:	Received By:	Affiliation:	Date/Time	Reason for Custody Change
Name (Print): Brian Henning	NJDEP-BFBM	Name (Print):			
Signature:		Signature:			
Name (Print):		Name (Print):			
Signature:		Signature:			

CHEM-44
FEB 16

Lab Chain of Custody – SGS Axys

SGS AXYS

CHAIN OF CUSTODY

2045 Mills Road West TEL: (250) 655-5800
Sidney, British Columbia, Canada V8L 5X2 FAX: (250) 655-5811

AXYS CLIENT #:

REPORT TO:		***INVOICE TO:***		ANALYSIS REQUESTED
Company	NJDEP Div. Science & Research	Company	Same as "Report To"	
Address	428 E. State Street	Address		
	Mail Code 428-01 PO Box 420			
	Trenton, NJ 08625-0420			
Contact	Sandra Goodrow	Contact		
Phone	(609) 940-4164	Phone		
FAX		FAX		
E-mail	Sandra.Goodrow@dep.nj.gov	E-mail		
Project Name/Number: NJDEP-Freshwater		Sampler's Name: Signature:		

Client Sample Identification	Matrix	Sampling Date	Sampling Time	Container Type/No.	AXYS Lab Sample ID (Lab use only)					

Relinquished by (Signature)	Date	Time	Received by (Signature) Date	Time	Courier	Waybill No.
Relinquished by (Signature)	Date	Time	Received by (Signature) Date	Time	Sample Receipt	
Remarks: Com					Temp °C	Cooler
					Custody Seal #	
					Seal Intact Y / N	
					Sample Tags Y / N	