Spring 2012

# Comparison of PCBs in East Chicago, Indiana and Columbus Junction, Iowa in indoor and outdoor air

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# COMPARISON OF PCBS IN EAST CHICAGO, INDIANA AND COLUMBUS JUNCTION, IOWA IN INDOOR AND OUTDOOR AIR

by

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A thesis submitted in partial fulfillment
of the requirements for the Master of
Science degree in Civil and Environmental Engineering
in the Graduate College of
The University of Iowa

May 2012

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CERTIFICATE OF APPROVAL

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MASTER'S THESIS

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This is to certify that the Master's thesis of

Timothy J. Schulz

has been approved by the Examining Committee
for the thesis requirement for the Master of Science
degree in Civil and Environmental Engineering at the May 2012 graduation.

Thesis Committee: ___________________________________
Keri C. Hornbuckle, Thesis Supervisor

___________________________________
Peter Thorne

___________________________________
Craig Just

To my parents

The world is indeed full of peril, and in it there are many dark places; but still there is much that is fair, and though in all lands love is now mingled with grief, it grows perhaps the greater.

J.R.R. Tolkien
The Lord of the Rings

# ACKNOWLEDGMENTS

The first and greatest thank you is to Keri Hornbuckle for giving me this opportunity and providing insight everywhere.  This work is part of Project 6 (AESOP) of the Iowa Superfund Basic Research Program and supported by NIEHS grant #ESO13661 (PD, Larry Robertson).  The PI of the Project 6 is Peter Thorne.  Sampling was organized by Jeanne Dewall and conducted by field staff Nancy Morales and Barb Mendenhall.  A thank you goes out to the following people:  Andres Martinez helped with analytical methods, data analysis and draft review. Dingfei Hu trained me in laboratory methods and helped with learning data analysis, and has done prior work towards this study.  Nick Erdman helped with quantification.  Kai Wang helped with statistical analysis.  Thank you to Colin O'Sullivan for laboratory assistance with extraction and Liz Scranton for quantification peak analysis.

Thank you to Matt, Sam, Rachel, Emily, Ben, Luke, Eric, Christine, Brittany, and Suresh for daily help in the environmental engineering program.  Thank you to the Ellie and JJ Alberhasky and Iowa City Young Life for making Iowa City a home for six years—Ryan, Scott, Marshall, Kara , David, Ryan, Kyle, Alex , Layne, James, and Tom. And finally, thanks to the folks at Wilderness Ranch for giving me something huge to look forward to.

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# CHAPTER 1 INTRODUCTION AND BACKGROUND INFORMATION

## 1.1 Polychlorinated Biphenyls

Polychlorinated biphenyls (PCBs) are a group of 209 compounds that have been banned from commercial use in the United States since 1979. They are categorized by the number of chlorines that are attached to the two phenyl rings in place of hydrogen ions. PCBs were manufactured in mixtures and used for a variety of industrial purposes. The properties of these PCBs that made them useful also make them classifiable as persistent as demonstrated by their continued presence in environmental matrices even more than 30 years after their ban[1].

Although a full review of the toxicology of PCBs is beyond the scope of this thesis, there are several generally accepted conclusions regarding the hazards PCBs present to humans and other animals. The toxicological profile provided by Agency for Toxic Substances and Disease Registry (ATSDR) suggests that high levels of exposure to PCBs can cause skin conditions, irritations in the respiratory and digestive system, changes in the liver and in blood and other conditions such as depression and fatigue. They have also shown in animals studies that exposure to PCBs can produce organ failure[2]. The International Agency for Research on Cancer states the PCBs are a probable carcinogen as shown from population studies[3]. A group of 12 PCB congeners are classified as dioxin-like for which dioxin-like toxicity equivalent factors (TEFs) have been calculated and continually examined[4, 5].

PCBs were sold as commercial mixtures in the United States known as Aroclor mixtures. These mixtures were named by the amount of chlorine that was present. Aroclor 1242 (a common mixture in the United States) contained 42% chlorine by mass. Congener profile comparisons between samples and Aroclor mixtures can act as an indication of a historical source, although weathering in the environment and metabolism in organisms can change the distribution of PCBs significantly[1]. PCBs tend to bioaccumulate and congeners that are not metabolized may increase in concentration up the food chain. For this reason, concentrations of PCBs are monitored in fish and fish consumption advisories due to PCB contamination are common in Great Lakes states[1].

In addition to being toxic and bioaccumulative, PCBs are semi-volatile and sparingly soluble. The degree to which congeners volatilize or dissolve is a function of the number of chlorines. Lighter PCBs, or those with less chlorines, are more volatile and more soluble. The octanol-air coefficient (Koa) is a surrogate measurement of organic compounds' tendency to partition between the sorbed phase to the gas phase. Koa values for PCB congeners range from $10^7$ for PCBs with one chlorine (mono) to $10^{12}$ for PCBs with ten chlorines.

## 1.2 Objectives and Hypotheses

The purpose of this study was to compare PCB concentrations in indoor and outdoor air for the two communities, to compare the two cities, and provide concentrations in ambient air to assess exposure levels. Total PCB concentrations in the air and congener profiles were compared for study categories. Several hypotheses were formed regarding this experiment. These hypotheses are related to hypotheses proposed by Project 6[1] and the Project 4[2] of the Iowa Superfund Research Program.

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[1] From Project 6: Residents of East Chicago have significantly higher exposures to atmospheric PCBs than people living in rural Iowa.
[2] From Project 4: Sediment of the IHSC is a major source of airborne PCB congeners to the community of East Chicago, Indiana.
From Project 4: PCBs are released and/or produced in the environment due to ongoing human acfivity or physical-chemical processes.
From Project 4: Airborne PCBs are a function of measureable and quantifiable characteristics of the physical-chemical characteristics of the compounds and exposed environmental surfaces on which the PCBs reside.

- PCB concentrations for indoor air are greater than concentrations for outdoor air.
- East Chicago has higher PCB air concentrations than Columbus Junction for outdoor air given historical input and proximity to Lake Michigan and the Indiana Harbor Ship Canal.
- The congener profile for Columbus Junction will show a higher portion of PCBs with less chlorine ions (lighter PCBs) comprising the total masses quantified relative to East Chicago.

## 1.3 East Chicago, Indiana and Columbus Junction, Iowa

The two communities involved in this study are East Chicago, IN and Columbus Junction, IA. The two communities are part of the Iowa Superfund Basic Research Group Project 6 and were chosen by the Project Leaders for their similarity in socioeconomic demographics and different industrial histories. East Chicago is an urban community near the southern shore of Lake Michigan. It is historically industrial and surrounds the IHSC which is contaminated with PCBs. It is the site of a large steel mill and a large gas refinery. The U.S. Army Corps of Engineers plans to dredge the IHSC for navigational purposes. At the time if this writing, the dredging is scheduled to begin in the summer of 2012 and will continue for as many as 30 years. Columbus Junction is located in eastern Iowa about 15 miles west of the Mississippi River. The school district in which the study encompasses is a group of rural communities with no known historical source of PCBs.

We expected indoor concentrations to higher than outdoor air for the same residence because of several reports. The difference in indoor and outdoor air concentrations and profiles would then be a function of source, weather conditions, air flow exchange, concentration gradient and what is leaving the system as well[6, 7].For indoor air, the sources would be from building materials as studied by various sources including sealants and paint[8, 9]. Age of the building also plays a role because of the history of the usage of PCBs as studied by Wallace et al[10]. Indoor weather conditions are assumed to be more consistent than outdoor weather and the air exchange is a factor associated with the ventilation system. Zhang et al has quantified and compared concentrations of PCBs in indoor air ranging from 0.8 ng $m^{-3}$ to 130 ng $m^{-3}$ for indoor air with mean and median values being around 10 ng $m^{-3}$[6].

Most outdoor PCB input is associated with a body of water that has been historically contaminated. Palmer et al has studied communities around the Hudson River[11]. Holsen et al has looked at trends around Lake Ontario. Concentrations from this study were around 1.6 ng $m^{-3}$[12]. Lake Michigan is heavily studied and included in this study is the Indiana Harbor Ship Canal in East Chicago, Indiana which has been studied by Martinez et al[7]. Building materials can also be considered a potential source for PCB input into outdoor air as shown by the discovery of the non-Aroclor PCB 11 in pigment of household paints[8].

## 1.4 Experimental Approach

The overall strategy to accomplish the experimental objectives involved deploying and collecting air samples from the two communities. Passive air samplers were deployed indoors and outdoors of participating homes in collaboration with the project 6. PCBs were extracted from sampling media and analyzed for the full suite of congeners. Comparisons between communities were made between indoor and outdoor levels of both communities.

Starting in 2008 passive air samplers equipped with polyurethane foam disks (PAS-PUF) were deployed in approximately 60 homes in East Chicago and 60 homes in Columbus Junction as part of a volunteer program in which participants were compensated for participation. PAS-PUF were installed inside and outside the homes and deployed consecutively for approximately 90 days. For this study, 133 samples from Columbus Junction and 144 samples from East Chicago were analyzed. A schematic of the extent of sampling is shown for Columbus Junction (Figure 1-1) and East Chicago (Figure 1-2). The x-axis displays the date and the y-axis is an ordering of samples by deployment date. Each bar represents the deployment period of one air sample.

PUF disks (½" thick, 5 ½" diameter) were cleaned in the lab via Soxhlet extraction with 16 to 24 hours of hexane, 16 to 24 hours of acetone, and 16 to 24 hours of 1:1 mixture by volume of hexane and acetone. The PUF disks were dried in a desiccator for 24 hours and stored in a clean media refrigerator in plastic bags until they were ready to be sent out for sampling. Clean PUF disks were sent out to project staff members in each the two communities for sample deployment. A 90 day deployment period was intended although the actual deployment period was documented for each sample. A sampler deployed in an outdoor environment is shown in Figure 1-3.

The overall method to quantify PCB masses from the PUFs is outlined in Figure 1-4. Samples are identified, placed into placed into a cell ready for extraction, and spiked with surrogate standard to measure recovery. PCBs were extracted from the samples evaporated and cleaned, injected with internal standard for quantification of PCB masses using a GC/MS/MS instrument.

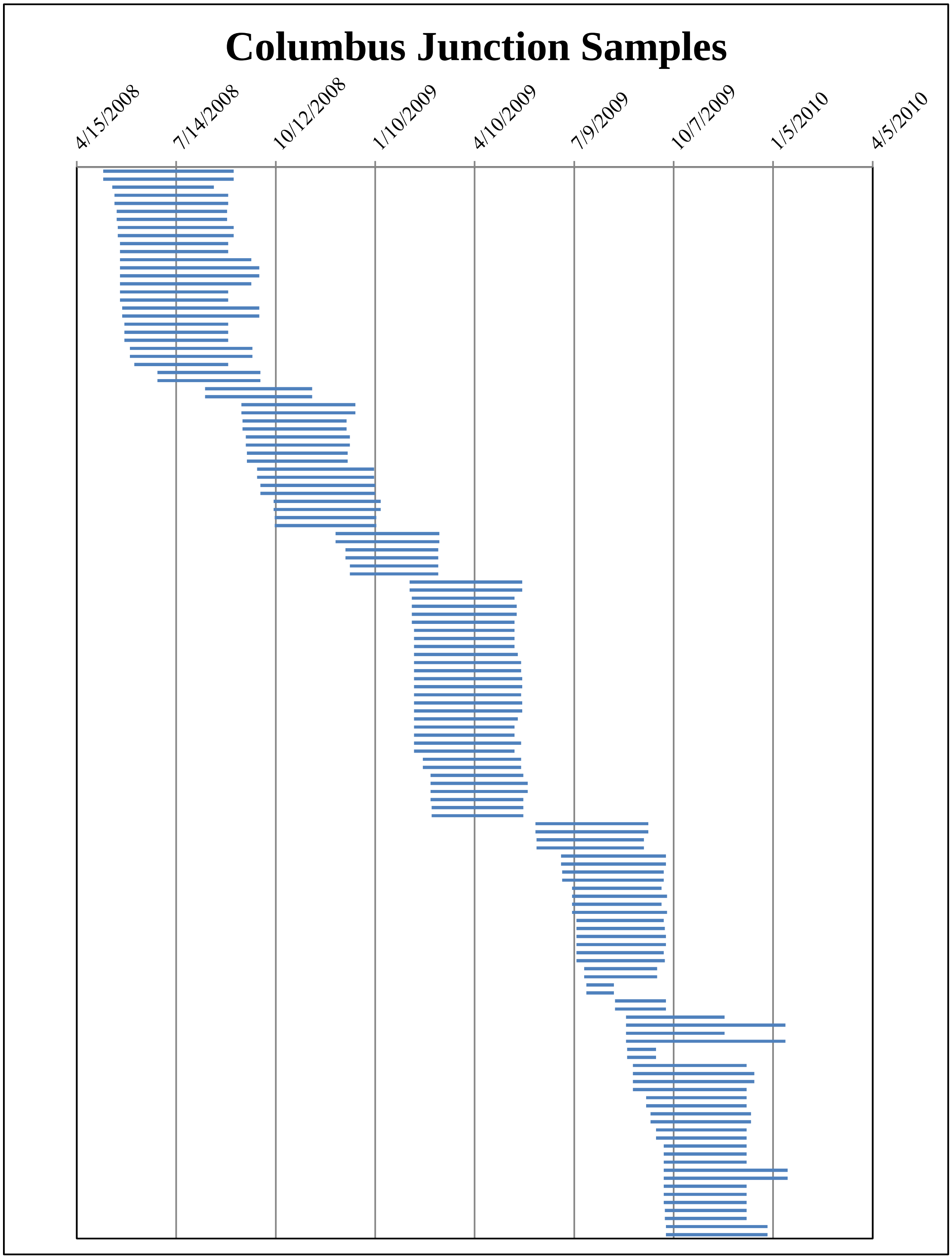


Figure 1-1: Sampling schematic for Columbus Junction, IA The x-axis shows the date and the y-axis represents the samples ordered by deployment date

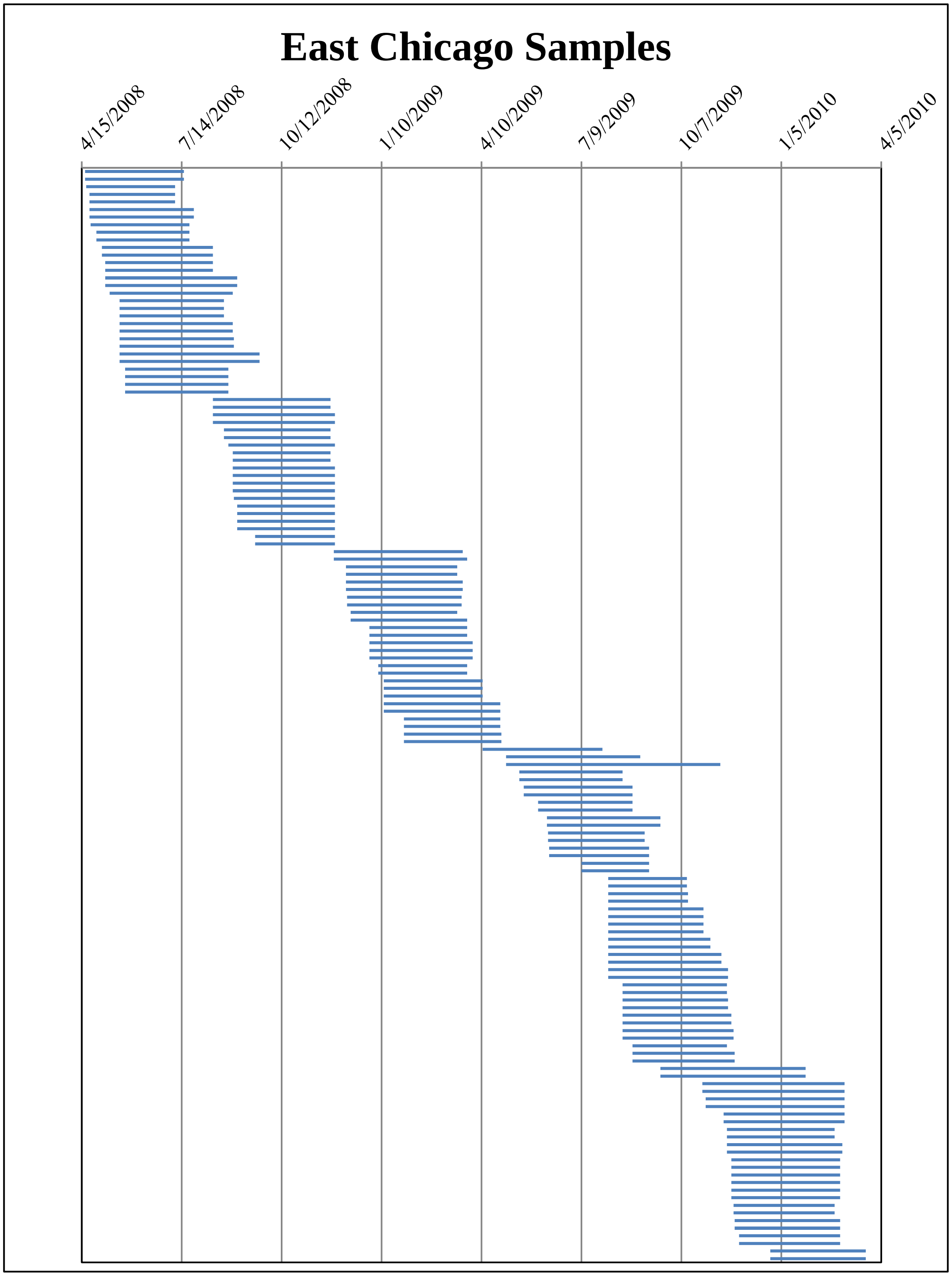


Figure 1-2: Sampling schematic for East Chicago, IN. The x-axis shows the date and the y-axis represents the samples ordered by deployment date

Figure 1-3: Passive sampling device in outdoor environment

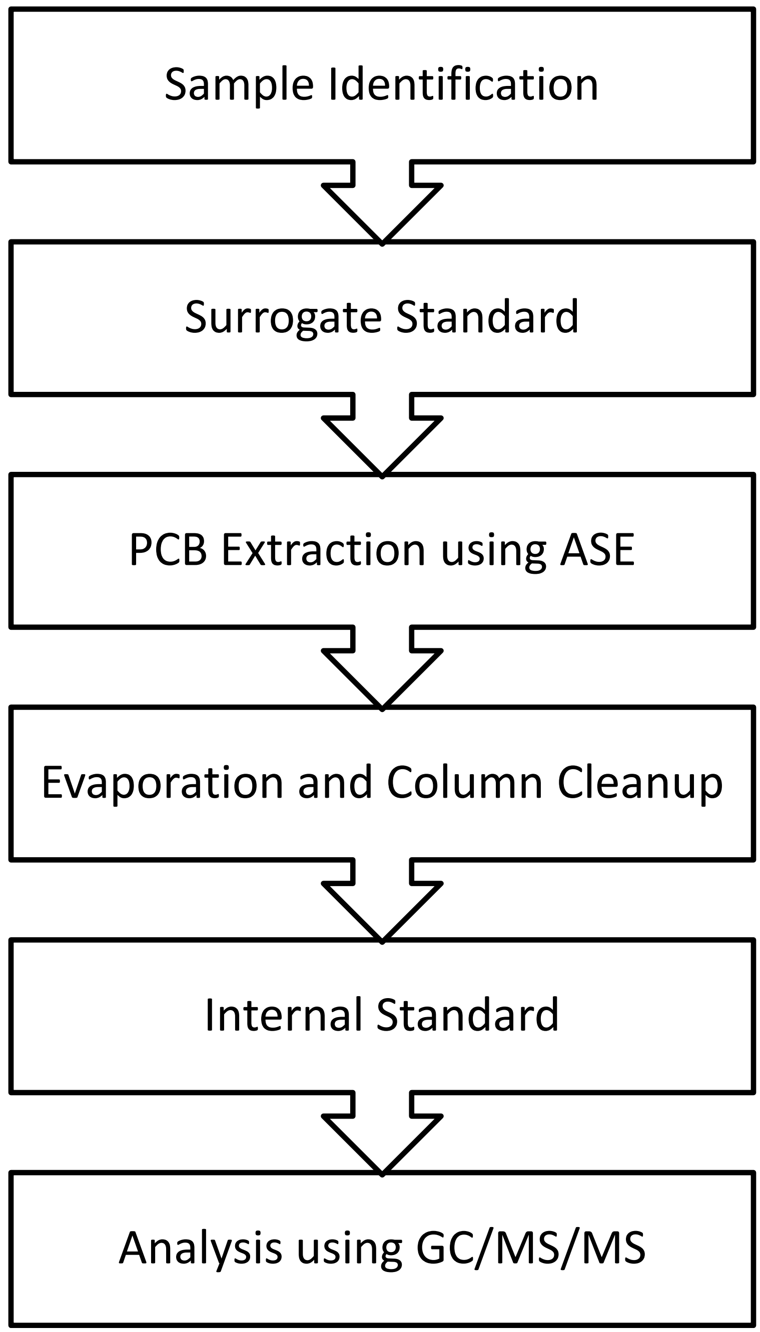


Figure 1-4: Overall method for PCB quantification of PUF samples used in this study

# CHAPTER 2 COLLECTION AND QUANTIFICATION METHOD FOR AIRBORNE PCBS

## 2.1 Passive Air Sampling

Passive air sampling (PAS) refers to a method of sampling air that does not control air flow but rather, the sampling apparatus containing collection media is deployed and the volume of air that is sampled is estimated. There are various advantages and disadvantages to passive sampling compared to active sampling. Passive samplers are less expensive, have a smaller physical footprint, and allow for a larger number of samples to be collected in terms of spatial and temporal ranges. The major drawback of passive sampling is the uncertainty of the volume of air that is sampled during a deployment period[13].

The air sampling media used in this study is polyurethane foam (PUF). The sampling apparatus is illustrated in Figure 2-1 with a PUF disk. The device used for sampling allows for air to flow through gaps and through the PUF before exiting. These devices are easily suspended for deployment. The sampler was developed by Harner et al[14] and is commonly abbreviated PAS-PUF. The sampler design used for the study is the same as used by Persoon et al in a study of PAS-PUF sampling rates. They also showed that 90 days was in the linear uptake phase of most PCB congeners[13].

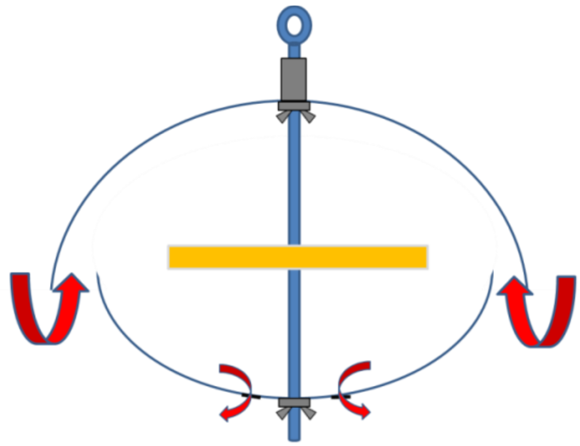

Figure 2-1: Illustration of passive air sampling device used showing PUF disk in the center and arrows showing air flow through. Figure is not to scale.

Airborne PCBs accumulate on the PUF disk as air passes through during the deployment period. Both gas-phase and particle-associate PCBs can be captured. Previous studies have shown that more than 90% of airborne PCBs in most ambient environments are in the gas-phase[15]. For this study, most samplers were deployed for approximately 90 days. Deviation from the 90 day sampling period occurred because of differences in availability of subjects in the sampling program. For this reason, specific deployment records were recorded on the samples and in the sample database. The specific deployment period for each sample is listed in the appendix. This mass can be transformed into a concentration if the volume of air sampled is known as shown in Equation 1-1 below. This volume can be calculated from an estimated sampling associated with the sampler and the conditions.

Equation 1-1

$$Concentration\ (ng/m^3) = \frac{Mass(ng)}{Sampling\ Rate, R(m^3/day) * Deployment\ Period, T(days)}$$

The determination of the sampling rate for the sampler design used has been the subject of several investigations[6, 13, 14, 16]. Table 2-1 lists the sampling rates reported from these studies. Hazarati and Harrad concluded that sampling rates are dependent on sampling device used, environmental conditions, and may be congener specific[17]. The sampling rate and the variability for indoor air are smaller than the sampling rate and variability for outdoor air. This is expected because of the much lower turbulence and wind speed variability in indoor environments. For indoor air, this study uses a sampling rate of 2.6 $m^3$ $day^{-1}$. For outdoor air, a median value of 6.2 $m^3$ $day^{-1}$ was used[13]. Ongoing research in continuing to better predict sampling rates as a function of local and regional meteorology (Hornbuckle group, unpublished). For this reason, raw data is reported in the appendix of this thesis as congener mass per sample along with the specific deployment periods which hover around 90 days.

Table 2-1: Comparison of various sampling rates from literature.

| | Sampling Rate ( $m^3$ $day^{-1}$) | |
|---|---|---|
| Study | Indoor | Outdoor |
| Persoon, Hornbuckle (2009) | 2.6 | 4.4-8.4 |
| Zhang et al (2011) | 0.7-1.27 | n/a |
| Bohlin et al (2008) | 2.5 | 3.5 |

## 2.2 Sample Set Determination

Because of the large number of samples that have been collected, a prioritized sample set was chosen based on several criteria. A time frame was selected, and a plausible total number of samples was determined. Equal numbers of samples were chosen from both communities and for congruent calendar dates of deployment to increase comparability. Equal indoor and outdoor samples were chosen. Samples were analyzed in pairs to assure congruency. We also prioritized toward homes where blood samples were collected for another component of the larger study. The final air sample set described here consists of 137 samples from Columbus Junction and 141 samples from East Chicago.

## 2.3 Extraction Method

PCBs were extracted from the samples using EPA Method 3545 with an automated solvent extraction (ASE) instrument using a 1:1 mixture of hexane to acetone[18]. A Dionex ASE 300 instrument was used for extraction (100°C and 1500 psi). Cells were prepared with a glass fiber filter at the base, a PUF sample folded and inserted on top, and spiked with surrogate recovery standard containing 50 ng of PCB 14 (3,5-dichlorobiphenyl, D-65(2,3,5,6-tetrachlorabiphenyl d5), and 166 (2,3,4,4',5,6-hexachlorobiphenyl), and a glass fiber filter on top. Approximately 50 mL of extract was collected from each sample extraction and concentrated to approximately 5 mL by Turbovap under nitrogen stream (Figure 2-2). The exact volume of solvent at any point was not needed using the internal standard method. Extractions were eluted with 15 mL hexane through glass pipet columns packed with 10:1 acidified silica to silica gel (Figure

2-3). The resulting eluent was evaporated to a volume of approximately 0.5 mL, transferred to combusted GC vials, and then spiked with internal standards.

Figure 2-2: ASE Cell (left) and Collection Jar (right)

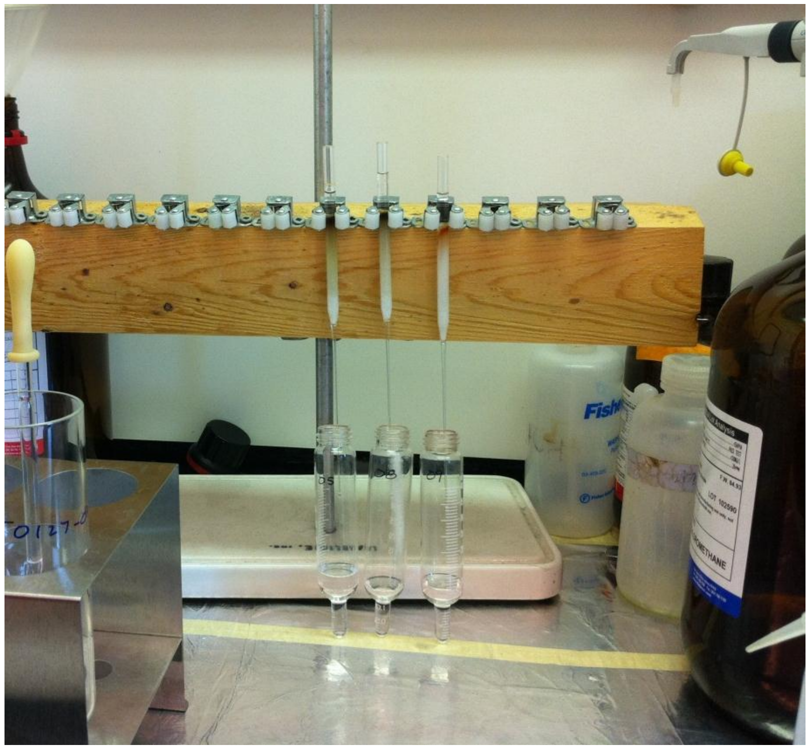

Figure 2-3: Silica gel column cleanup

2.4 EPA method 1668B modification

PCB congeners were identified, detected and quantified using a modification of EPA method 1668b. The major modifications of the method include use of Tandem Mass Spectrometry GC/MS/MS (Quattro MicroTM GC, Micromass MS Technologies) instead of high resolution mass spectrometry; and use of a set of three surrogates and two internal standards rather than the 20+ radiolabeled PCB congener standards used in the EPA method. This modified method detects 158 peaks from 209 congeners (minus three non-labeled congeners used as standards). Some congeners coelute. However, none of the 12 dioxin-like congeners coelute with other congeners[19]. The mass selective method allows for separate detection of each homolog group as a different channel on the instrument. An example chromatogram of all the channels of the calibration standard is shown in Appendix A. The calibration standard contained 45.45 ng of each PCB with 1 to 3 chlorines, 90.91 ng of each PCB with 4 to 7 chlorines, 136.36 ng of each PCB with 8 to 10 chlorines, 140.7 of deuterated PCB 30 and 91.00 ng of deuterated PCB 65. PCBs in the calibration standard are reported as masses but are really mass fractions relative to other masses in the solution. The masses are only important relative to one another. In order to quantify the mass associated with areas of peaks in the samples, Relative Response Factors (RRF) were calculated from the analysis of the calibration standard solution and the known congener concentrations in the solution (Equation 2-1).

Equation 2-1

$$RRF = \frac{\left( {calmass_i}/{calarea_i} \right)}{\left( {calmass_{instd}}/{calarea_{instd}} \right)}$$

Where $calmass_i$ represents the known mass of an individual congener; $calarea_i$ is the area associated with the peak for an individual congener; and $calmass_{instd}$ and $calarea_{instd}$ are the mass and area for the internal standard in the calibration standards respectively. Once the RRF is calculated for each congener, the mass of a congener in an individual sample was calculated in each sample using the area of the spiked internal standard and the area from the sample chromatogram (Equation 2-2).

Equation 2-2

$$Mass_i = RRF * Area_i * (mass_{instd}/area_{instd})$$

Where $mass_{instd}$ is the mass of the internal standard spiked to the sample, $Area_i$ is the area measured under a peak of an individual congener and $area_{instd}$ is the area measured under a peak associated with an internal standard.

The detected congener mass in each sample is corrected for surrogate standard recovery (equation 2-3).

Equation 2-3

$$Recovery\ Corrected\ Mass = \ Mass_i * \frac{Mass\ Spiked}{Mass\ Recovered}$$

Where $Mass_i$ is the mass of a PCB congener quantified, Mass Spiked is the mass of recovery standard in which the sample was spiked and mass recovered is the mass of the recovery standard that was quantified. Congeners 1 through 39 were corrected for the recovery of PCB 14; congeners 40 through 169 were corrected for the recovery of PCB D-65, and congeners 170 through 209 were corrected for the recovery of PCB 166. The effective concentration in air for each sample is determined by dividing the sample congener mass by the sampling rate and the time the sampler was deployed (Equation 1-1). The Internal standard used for quantification was 20 ng of PCB D-30 (2,4,6-trichlorbiphenyl d4) and 204 (2,2',3,4,4',5,6,6'-octachlorobiphenyl).

## 2.5 QA/QC

To assure and evaluate quality of data, several measures of quality assurance and controls have been implemented in this study. The average recovery for these surrogate standards was 81±14%, 83±16% and 89±17%. This was used to correct each sample individually for loss during laboratory procedures. The amount of surrogate injected is confirmed with a reference injection into a blank GC vial containing hexane. This was done for each batch. Each batch of samples included a lab blank. Several field blanks were analyzed as they came in with batches they were sent in (discussed in more detail in chapter 3). Standard Reference Material was analyzed using 1944 NIST sediment because it is the same lab method as the PUFs and has similar masses associated in terms of magnitude (Figure 2-4). A difference of 19±19% for three measurements was found between the quantified and certified values. The major differences observed between the measured and certified values occur in discrepancies between congener coelutions reported for NIST analysis of the reference material and coelutions that occur for our specific method. For example, PCB 110 is reported as coeluting with PCB 97 in the reference material but in our method, it usually coelutes with PCB 115. The measured values were averaged from three samples of reference material analyzed and the error bars represent the standard deviation.

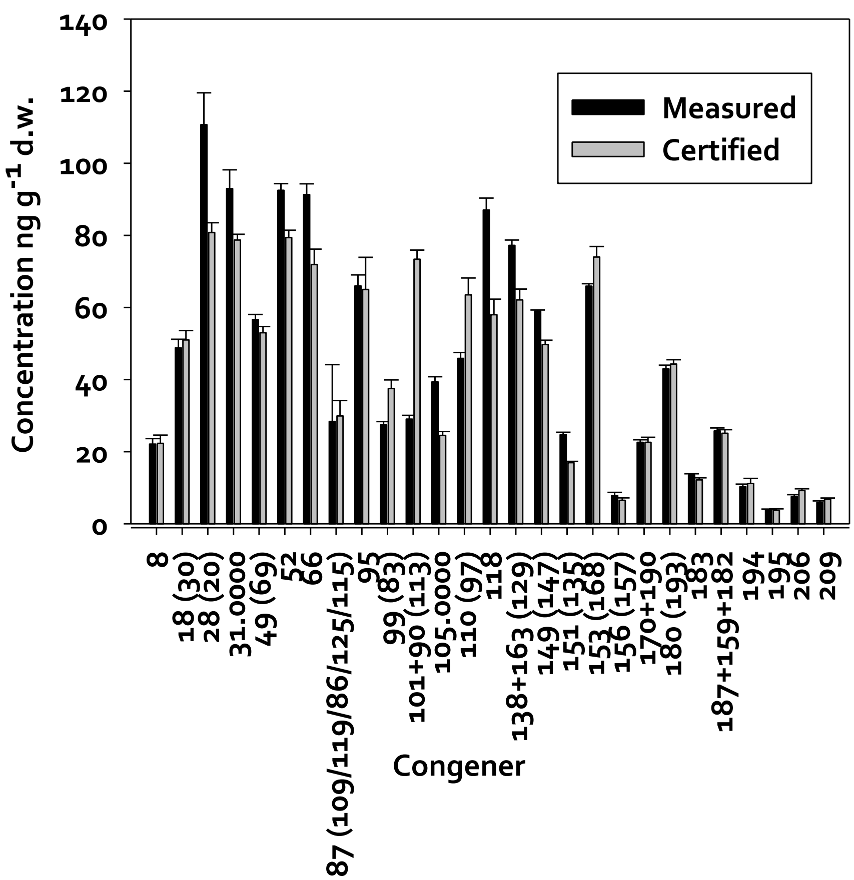


Figure 2-4: Results from analysis of SRM 1944 NIST sediment with certified values shown in gray and measured values shown in black.

# CHAPTER 3 FIELD CONTROL STUDY

## 3.1 Introduction

Although earlier studies of the PAS-PUF method had indicated that field and trip blanks did not accumulate PCBs, this study found that PUFs presumed to be field or trip blanks accumulated high levels of PCBs – masses similar to that associated with field samples (Table 3-1). We developed and tested several hypotheses about the origin of the PCBs measured in the field blanks. First, we hypothesized that the field blanks were contaminated by the field samples during shipment. If this was the case, our field samples would also be compromised. Second, we hypothesized that the contamination of the field blanks occurred while in the freezer during storage after sample collection and before extraction. Again, this would indicate a larger cross contamination issue. Third, we hypothesized that the contamination occurred during the deployment period. If this were the case, the field blanks should be considered as samples lacking appropriate meta data, but the intentional field samples would not be compromised. We did not consider any source of PCB exposure from the lab because our regular laboratory blanks were relatively uncontaminated.

Prior to testing these hypotheses, we immediately adjusted our standard operating procedures for shipping and storing all PUF sample materials. Starting in October, 2011, all new PUFs sent out were wrapped in combusted foil inside of the plastic bag in which they were contained. This provided an extra layer of protection for the samples when not sampling. A final hypothesis was that the aluminum foil protects PUF from contamination while sealable plastic bags alone do not.

Table 3-1: Summary of field blank observations with relevant samples listed

| Batch ID | Deployment Period(days) | ΣPCB Mass (ng) |
|---|---|---|
| 0090-05 | (blank) | 700 |
| 0090-06 | 118 | 510 |
| 0090-07 | 118 | 550 |
| 0090-08 | 100 | 860 |
| 0090-09 | 100 | 350 |
| 0090-11 | 105 | 270 |
| 0090-12 | 105 | 290 |
| 0095-03 | (blank) | 600 |
| 0095-04 | 80 | 350 |
| 0095-05 | 80 | 500 |
| 0095-06 | 88 | 610 |
| 0095-07 | 88 | 360 |
| 0095-08 | 93 | 340 |
| 0095-09 | 93 | 340 |
| 0113-02 | 94 | 2700 |
| 0113-03 | 80 | 340 |
| 0113-04 | 80 | 650 |
| 0113-05 | (blank) | 340 |
| 0113-06 | 84 | 240 |
| 0113-07 | 84 | 430 |
| 0113-08 | 91 | 240 |
| 0113-09 | 91 | 250 |

## 3.2 Actions and Study Design

A six-week study was performed to gather information about the sampling process. An experiment was designed to test each hypothesis. We deployed controls in several locations for this study, including one of our actual field sites, Keri Hornbuckle's office, and our laboratory. In each location, triplicates of PUFs were placed in a fashion similar to how the field blanks were handled. First, a group of PUF disks were placed in room 4126 SC of the engineering building at the University of Iowa (Keri Hornbuckle's Office). These clean PUF disks were placed in sealable plastic bags in a stack on a bookcase. These were accompanied by an unprotected PUF in a PAS-PUF sampler. They remained in the office for six weeks, similar to the handling of field blanks sent to East Chicago and Columbus Junction. Second, a group of six clean PUF disks were placed in the laboratory freezer. Three were sealed in precombusted aluminum foil, three were only in sealable plastic bags. This group remained in the freezer for six weeks. A third set of clean PUF disks were sent to East Chicago with a batch of samples and returned by our field staff in the normal way after about nine weeks. Finally, to test only the shipping of the samples, three clean PUF disks were placed in a shipment box with ten PUF s that have been deployed in Chicago as part of another study (real samples). To study the effectiveness of the extra aluminum foil barrier, triplicates were deployed in both the new and old way of preparation—that is three samples wrapped in foil and three without foil.

## 3.3 Results

Results from this study are shown in Table 3-2. In the first group of samples, which was placed in room 4126SC with foil, very little or no mass of PCBs were detectable.  The second group, which was in the same office but without foil, PCB masses ranged from 50 ng to 192 ng for the sum of all detectable congeners.  The control with the highest mass was on top of the stack of three which could indicate higher levels of sampling the air.  The total PCB mass was very similar to the mass quantified from the sample placed in the sampler of the office.  From this study we concluded that the foil is an effective barrier preventing sample contamination the sealed plastic bags are ineffective at preventing contamination of the PUF from ambient air.  In fact, we found that the PUFs in bags collected nearly the same mass and congener distribution as did the PUF installed in a sampler (Figure 3-1).  In fact, the congener distribution for the PUFs deployed in each location whether in a sampler or in a plastic bag were strikingly similar.

Table 3-2: Results from control study showing sample labels, descriptions, and the total quantified masses of PCBs (ng)

| Control Name | Description | PCB sum mass (ng) |
|---|---|---|
| FBS-KON1 | Keri's Office wrapped in foil and in plastic bag #1 | 0 |
| FBS-KON2 | Keri's Office wrapped in foil and in plastic bag #2 | 0 |
| FBS-KON3 | Keri's Office wrapped in foil and in plastic bag #3 | 2.8 |
| FBS-KOO1 | Keri's Office in plastic bag only #1 | 190 |
| FBS-KOO2 | Keri's Office in plastic bag only #2 | 57 |
| FBS-KOO3 | Keri's Office in plastic bag only #3 | 50 |
| FBS-KOS1 | Keri's Office deployed in sampler | 190 |
| FBS-KFO1 | Lab Freezer in plastic bag only #1 | 2.2 |
| FBS-KFO2 | Lab Freezer in plastic bag only #2 | 3.3 |
| FBS-KFO3 | Lab Freezer in plastic bag only #3 | 2.0 |
| FBS-KFN1 | Lab Freezer wrapped in foil and in plastic bag #1 | 2.5 |
| FBS-KFN2 | Lab Freezer wrapped in foil and in plastic bag #2 | 0.7 |
| FBS-KFN3 | Lab Freezer wrapped in foil and in plastic bag #3 | 4.2 |
| FBS-ECO1 | Sent out to East Chicago in plastic bag only #1 | 27.0 |
| FBS-ECO2 | Sent out to East Chicago in plastic bag only #2 | 22.0 |
| FBS-ECO3 | Sent out to East Chicago in plastic bag only #3 | 17 |
| FBS-ECN1 | Sent out to East Chicago wrapped in foil and in plastic bag #1 | 1.4 |
| FBS-ECN2 | Sent out to East Chicago wrapped in foil and in plastic bag #2 | 0.4 |
| FBS-ECN3 | Sent out to East Chicago wrapped in foil and in plastic bag #3 | 0.7 |
| FBS-FEB1 | Blank put in box with Chicago samples for 24 hours | 32 |
| FBS-FEB2 | Blank put in box with Chicago samples for 24 hours | 18 |
| FBS-FEB3 | Blank put in box with Chicago samples for 24 hours | 18 |

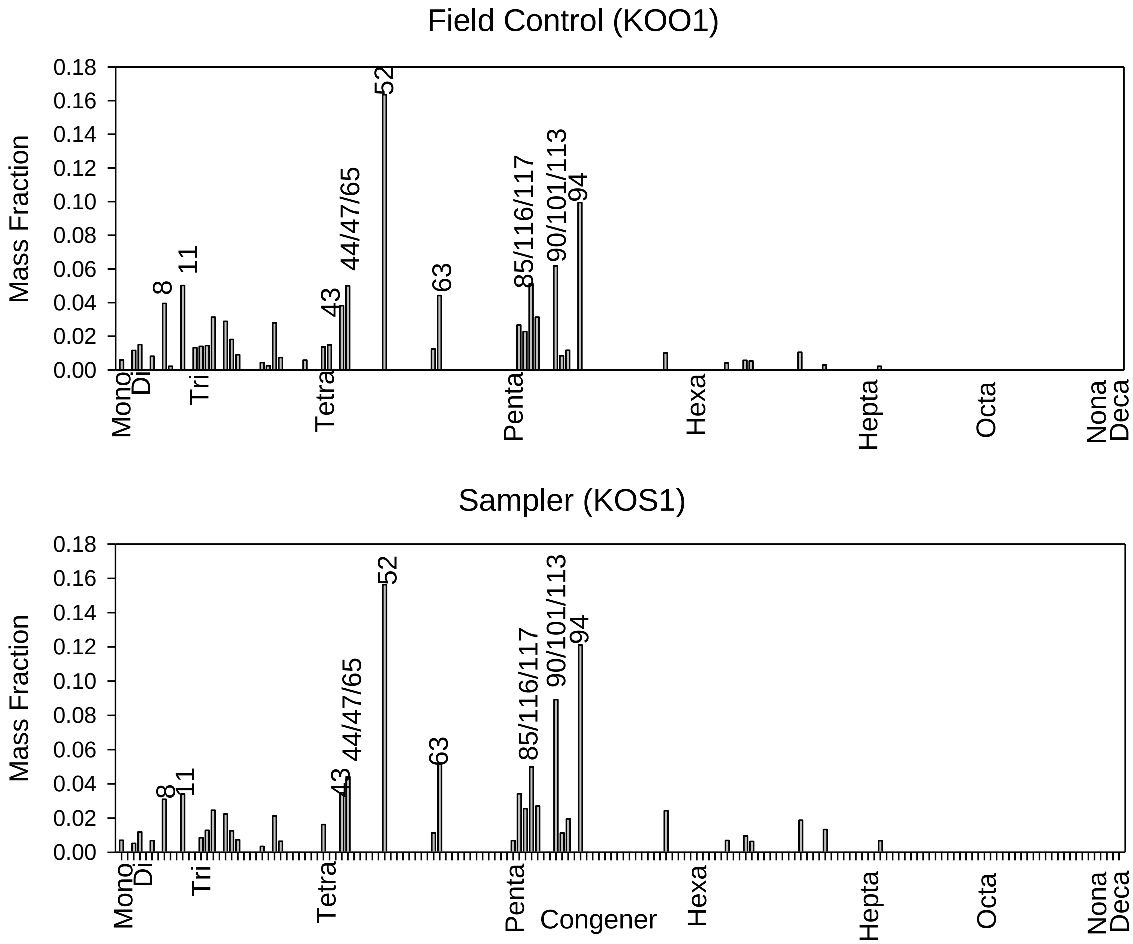


Figure 3-1: Congeners present in the sampler and the field control without foil.

Samples stored in the freezer (labeled FBS-KFO and FBS-KFN) accumulated a small mass of PCBs (0.7 ng to 4.2 ng). This indicates that there is little diffusion or transfer of PCBs between samples occurs in the freezers.

The next group of samples (FBS-ECO and FBS-ECN) examined the shipment process for cross contamination. These samples were sent out as usual with a batch and returned with new samples coming in. The return process did not include samples prepared with foil. The foiled controls accumulated a small mass of PCBs (0.7 ng to 1.4 ng) while the unfoiled controls accumulated PCB masses between 17 ng and 24 ng.

Although the control PUFs not wrapped in foil accumulated much large PCB mass than those in foil, this mass is still very low compared to what these controls accumulated during the sampling stage and low compared to the mass found in the controls which initiated this small study. At its highest possible level it would account for about 10% of the mass accumulated in the "blanks" shown in Table 1. We conclude that it is important to reduce the time required for the shipping process and to get the samples into a freezer as soon as possible. Fortunately, this was the normal procedure for all samples collected prior to this study. Subsequently, all samples have been stored and transported sealed in combusted aluminum foil.

### 3.4 Conclusions and Applications

Several conclusions can be made from this control study. These conclusions guide how we interpret the sample data collected in the overall study. First, the additional barrier of foil works well to prevent cross contamination and keeps blanks clean. It is a very small addition that ensures better quality of data. Second, the field controls not wrapped in foil appear to be sampling/absorbing PCBs in a similar matter as those in the sampling devices. This is shown through the summed PCB masses and chromatograms being very similar as shown in Table 1 and Figure 8. Third, refrigeration is necessary for storage to maintain sample integrity. Lastly, cross contamination is a concern if shipments are long but not a significant contributor to samples collected in the past. Future samples will be protected with foil. We concluded that it is very important to wrap samples in combusted foil except when sampling and to store them in a refrigerator or freezer prior to PCB extraction.

# CHAPTER 4 RESULTS AND DISCUSSION

## 4.1 Introduction

Using EPA methods 3545 and 1668b, 268 PUF samples were analyzed for the full suite of PCBs (with some coelutions). The complete data set is located in Table B-4 in Appendix A with the sample batch identification, sample identification, the deployment and collection date, the deployment period (days), the mass(ng) quantified for each of the listed congeners, as well as the surrogate recoveries for each sample. Although the congener masses listed are corrected for surrogate recoveries, the consistency of the surrogate data is included as a measure of quality control for each sample. Including the surrogate data also allows for recalculation to the raw congener masses should it ever be necessary to do so. The data in Appendix B are reported in masses rather than concentrations because further work is currently being done to acquire better and a more robust set sampling rates for these sampling devices, particularly for outdoor air where the sampling rates may be highly variable with local meteorology. We do not, however, recommend using the masses for comparison between environments. Because the sampling rates are much higher and more variable in outdoor air, we recommend using only concentration data for evaluating outdoor air. Indoor air flow rates, on the other hand, are not expected to exhibit major variation and therefore it is possible to evaluate using units of mass per sampler. Comparisons between communities and environments were performed using concentrations here. All indoor concentrations were calculated as the congener mass divided by 2.6 $m^3$ $day^{-1}$. All outdoor concentrations were calculated as the congener mass divided by 6.2 $m^3$ $day^{-1}$. With this data set, comparison in total PCB concentrations and relative congener profiles were compared for all of the environments involve (i.e. East Chicago/Columbus Junction and Indoor/Outdoor)

## 4.2 Total PCB concentrations

Airborne PCB concentrations are compared for four groups: Columbus Junction indoor air, Columbus Junction outdoor air, East Chicago indoor air, and East Chicago outdoor air (Figure 4-1). A summary of the entire data set is displayed in Table 4-1. The average concentration ranges from 0.62 ± 0.65 ng $m^{-3}$ for East Chicago outdoor air to 3.9±4.4 ng ($m^{-3}$) for Columbus Junction indoor air.

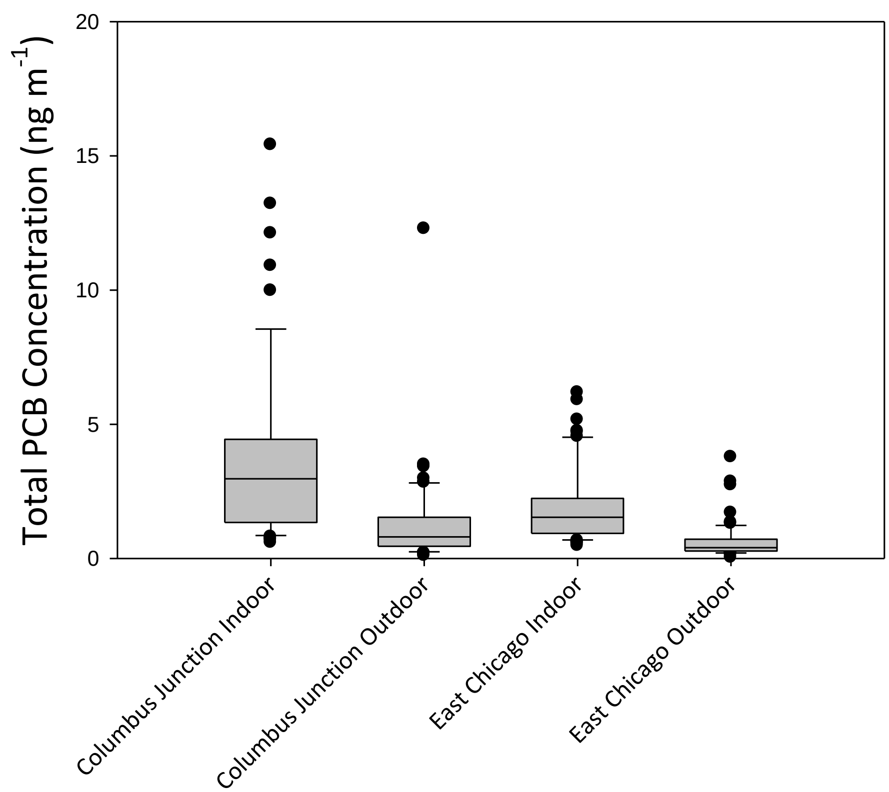


Figure 4-1: Total PCB concentrations for indoor and outdoor in Columbus Junction, IA and East Chicago, IN. The line in the center of the box represents the median value and the extents of the box show the upper and lower quartile.

Table 4-1: Summary statistics for data showing location, environment, temporal range, and a breakdown of concentrations

| | Columbus Junction | | East Chicago | |
|---|---|---|---|---|
| Deployment Period Coverage | May 2008-January2010 | | April 2008-March2010 | |
| Environment | Indoor | Outdoor | Indoor | Outdoor |
| Number of Samples | 65 | 68 | 68 | 67 |
| Concentration (ng $m^{-3}$) | | | | |
| min | 0.59 | 0.10 | 0.47 | 0.03 |
| median | 3.0 | 0.80 | 1.5 | 0.40 |
| mean | 3.9 | 1.3 | 1.9 | 0.62 |
| Standard deviation | 4.4 | 1.6 | 1.4 | 0.65 |
| max | 29 | 12 | 6.1 | 3.8 |
| skew | 3.5 | 5.1 | 1.5 | 3.0 |

Contrary to expectations, East Chicago does not appear to have higher air concentrations of total PCBs than Columbus Junction. In fact, the largest average concentration quantified was Columbus Junction Indoor air. Indoor air shows higher concentrations than outdoor air as hypothesized but it also shows greater variation the outdoor air. There is little difference in variance though. When normalized to the mean values, the variance ranged from 70% to 120%. Inspecting concentrations in matched pairs, there are only a few instances where outdoor air shows higher concentrations than indoor levels. In order to better assess the data, congener profiles were created for each data group.

## 4.3 Congener Profiles

Samples were categorized by geographic location and local environment (indoor or outdoor sample). After this categorization the grouped samples were further examined via congener distribution. Each congener concentration was plotted in order of congener number against the fraction of the average total mass that was calculated (Figure 4-2).

As hypothesized, congeners that are present in the highest concentrations are those with fewer chlorines. The averaged profiles for indoor air appear to be very similar to the respective averaged outdoor air profiles. PCB congeners in the middle homolog groups were quantified at greater relative concentrations in East Chicago than in Columbus Junction. PCB 4, 8, 11, 20/28, 52, and 95 have high mass fractions for all categories. PCBs with two or more numbers listed (i.e. 20/28) indicates coelutions.

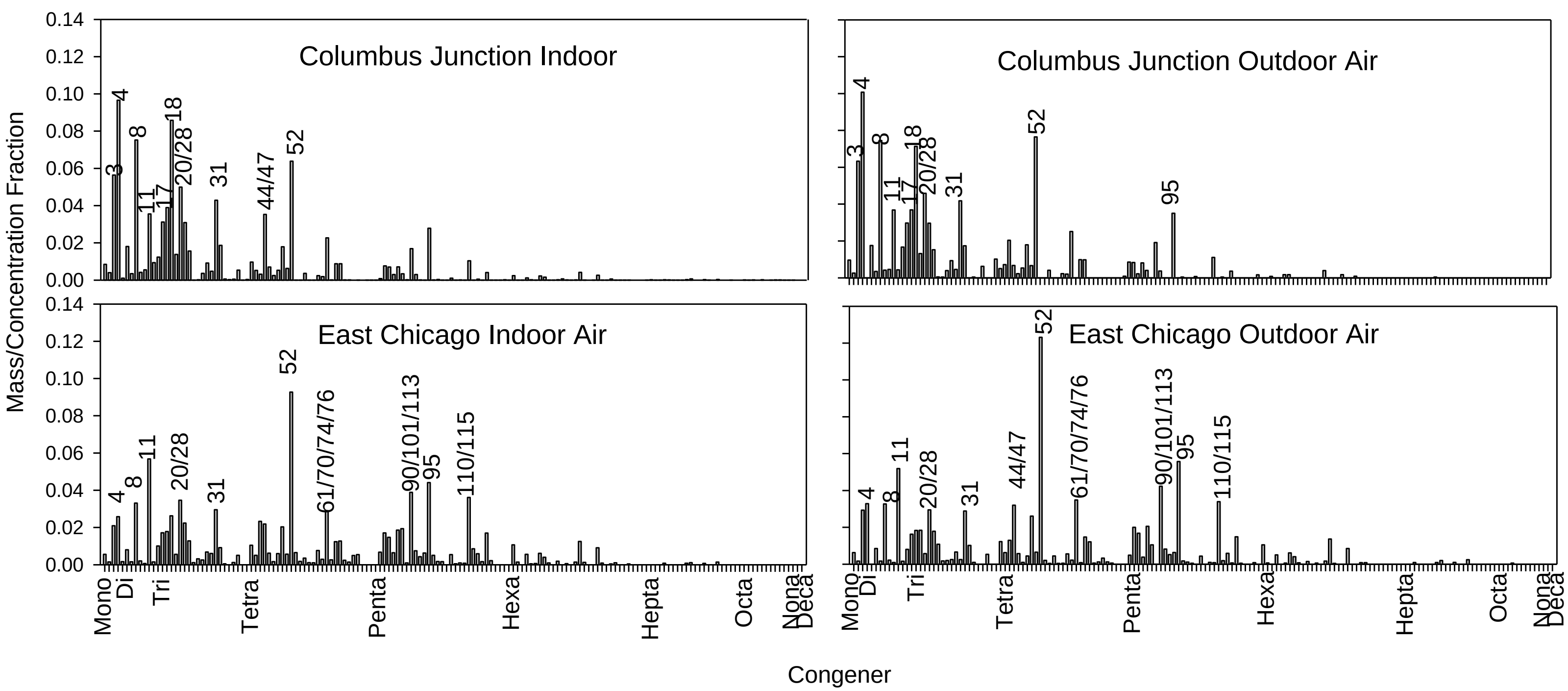


Figure 4-2: Average congener profiles for all of the study categories. The x-axis shows congeners ordered by common IUPAC classification and grouped into homolog group and the y-axis displays the mass fraction of the average total PCB concentration. Individual PCBs present in the highest concentrations are labeled.

## 4.4 Comparisons

The average congener profiles look very similar within each of the communities. The indoor profile for Columbus Junction is very similar to the outdoor profile, as is the case in East Chicago.

The average congener profiles look quite different between the two communities though. The greatest difference is observed for the congeners with 4, 5, and 6 chlorines. The average congener profile for East Chicago is enriched in these congeners relative to Columbus Junction. This may be an indication the heavier PCBs are staying more local and are being found closer to historical PCB inputs compared to lighter PCBs which would have a tendency to travel farther. This brings up an interesting idea regarding our finding of high concentrations in Columbus Junction. It is possible that because lighter PCBs tend to volatilize more than heavy PCBs, they are also more likely to leave the system and travel farther. This could be further examined with a temporal study examining which PCBs and how they transport. Or, the sources of PCBs are different in the two communities. For example, building materials could be important sources in both communities but the source or handling of the building materials may be different.

PCBs found in all sample groups with the highest relative concentrations include PCB 5, 20/28, 4, 31, 8, 11, 3 and 4. These compounds are all found in Aroclor mixtures sold by Monsanto for industrial use. PCB 11 is found in all sample groups and not present in Aroclor mixtures. PCB11 is an inadvertent by-product of the manufacturer of paint pigment[8]. No PCB congener, on average, makes up more the 14% of the total concentration.

## 4.4 Discussion

We hypothesized that East Chicago would have higher concentrations of PCBs in the air but we found that East Chicago does not show higher PCB air concentrations than Columbus Junction. This was not expected. The congener profiles of the different groups of samples show that lighter PCBs make up more of a majority of the total mass in Columbus Junction than in East Chicago.

We hypothesized and found that indoor air shows higher concentrations than outdoor air as expected. This would be interesting to look at the highest levels and get information regarding the building including age, location and materials. Age of the building is important because of the historical regulations or lack thereof of PCBs. Indoor air shows higher variation though which may be attributed to building diversity. Consideration of the characteristics, demographics, and activities of the people living in the homes sampled and the specific locations of homes is beyond the scope of this study. Such information is available for the larger study but is not considered at this time. In fact, funding for this study prohibits release of such information to protect the privacy of the participants.

This study is not the first to report higher indoor concentrations of PCBs in paired residential samples. Comparisons between indoor and outdoor air pollution using PCBs as an indicator was investigated by Menichini et al, (2007). The study was conducted to evaluate the significance of indoor air when assessing human exposure to PCBs and polycyclic aromatic hydrocarbons (PAHs). This objective is similar to the overall goals of the study by Menichini et al which included sampling in Rome in homes and buildings. Each site was examined at the floor and higher levels for indoor and outdoor environments to analyze any vertical gradients of PCBs and PAHs. To do this, samples were collected using low volume samplers with PUF plugs. PCBs were extracted from the PUF plugs in a similar manner using an ASE instrument with a 1:1 mixture of hexane to acetone. Analysis was performed using gas chromatography with mass selective detection (GC-LRMS) and analyzed for a set of 62 congeners using $^{13}C$-labelled PCB congeners with 3-8 chlorines attached. In addition to the smaller number of congeners analyzed, there are other important limitations of the Menichini study. The PCBs included in the set of 62 started in the third homolog group: no mono or di-chlorobiphenyls were considered. This does not account for PCBs in the first two homolog groups including PCB 3, 4, 8, and 11 which were quantified at relatively high concentrations for indoor and outdoor air in East Chicago and Columbus Junction. They sampled in a way to measure a vertical concentration gradient, if present. They did not find a significant vertical gradient of PCB concentrations for indoor and outdoor air. Menichini et al reported total PCB concentrations in outdoor air ranging from 1.9 to 5.4 ng $m^{-3}$[20]. This is consistent with the East Chicago and Columbus Junction concentrations which range from 0.03 to 3.8 ng $m^{-3}$ and from 0.1 to 12 ng $m^{-3}$ respectively. Indoor air total PCB concentrations for Rome were reported at levels ranging from 6.5 to 33 ng $m^{-3}$ for the targeted 62 congeners. East Chicago indoor air concentrations ranged from 0.47 to 6.1 ng $m^{-3}$. Columbus Junction concentrations ranged from 0.59 to 29 ng $m^{-3}$ which is consistent to the Rome study. The calculated indoor/outdoor ratios ranged from 2.4 to 4.2 ng $m^{-3}$ for the Rome study. For East Chicago and Columbus Junction, this ratio was calculated to be 3.0 for both communities using mean concentrations (Table 4-2).

Because they found indoor concentrations to be consistently higher than outdoor concentrations, Menichini et al concluded that the results "were consistent with the hypothesis made by other researchers that building air may be a relevant source of PCBs for outdoor air". The results from this East Chicago and Columbus Junction study also suggest this conclusion not only with the indoor/outdoor total concentration comparison but also shown by the congener profile distributions for the sampling categories. That is, there are similarities upon observation of congener profiles for indoor and outdoor air within the two community's differences between the two communities themselves. Of course there may be other explanations for the similarities, as discussed above.

Bohlin et al (2011) examined persistent organic pollutants, including PCBs, in indoor and outdoor air for Mexico City; Gothenburg, Sweden; and Lancaster, England[16]. This study, similarly to the East Chicago and Columbus Junction study, used passive samplers and PUF disks to assess the air. Samplers were deployed for times ranging from 42-50 days in each Mexico City, Gothenburg and Lancaster for one sampling period between March to April of 2006. 13, 5 and 17 indoor samples were collected in each of the respective cities and 5, 5, and 1 outdoor samples were collected respectively. Sampling in Mexico City was conducted in both urban and semi-rural locations. Targeted chemicals were extracted by reflux in Soxhlets with DCM and spiked using $^{13}C$-labelled surrogate standards. 80% of each PUF was used for the analysis of PCBs using GC-MS looking for a targeted group of 43 PCBs ranging from 3 to 8 chlorine atoms.

Bohlin et al was also very concerned about the determination of the appropriate sampling rates. They used average sampling rates of 2.5 $m^3$ $day^{-1}$ for indoor air and 3.5 $m^3$ $day^{-1}$ for outdoor air and defended these choices as appropriate for the sampling used in their study. For our study, sampling rates of 2.6 and 6.2 $m^3$ $day^{-1}$ for outdoor air and indoor air respectively were chosen. These were determined to be the most useful numbers for interpretation because they were calculated for the same sampling apparatus used in the study by Persoon et al[13].

For indoor air in urban and semi-rural Mexico City, Gothenburg, and Lancaster, indoor concentrations for the 43 targeted congeners were reported to have median values of 0.46, 0.19, 0.89, and0.86 ng $m^{-3}$ respectively. For outdoor air they were reported to be 0.44, 0.15, 0.12, and 0.12 ng $m^{-3}$. These numbers are low compared to East Chicago indoor air concentrations but the study was not looking at all congeners, and most notably, their study excluded congeners in the first two homolog groups. I/O ratios were consistently larger than one (Table 4-2).

A study published by Zhang et al (2011) reported the life cycle of PCBs and polybrominated diphenyl ethers in indoor environments[6]. This was accomplished by examining congener profile distributions of air and potential indoor sources. One goal of the paper was to show that indoor air is a significant source of PCBs (and PBDEs) to the outdoor environment. This study also used passive samplers with PUF disks as the media. PUFs were cleaned and sampled for 27-38 days. The study examined 20 indoor locations in Toronto including offices, homes, and laboratories. The total PCB concentrations reported by Zhang et al ranged from 0.8 to 130.5 ng $m^{-3}$ with a mean value of 15.3 ng $m^{-3}$. This is higher than those reported in Columbus Junction and East Chicago. Examining congener profiles, PCB 18/17, 31/28, and 52 were quantified to have relatively high concentrations which is similar to indoor air in both East Chicago and Columbus Junction. PCB 11 was not included in their analysis, however. They examined partitioning from different materials including dust particles, carpet, and polyurethane in furniture for emission rates. The office that was extensively examined in the study showed PCB concentrations about 30 times higher than the local outdoor air. It was suggested that these environments may be an emission reservoir to outdoor air. The authors cited the congener profile distributions and that the I/O ratio is greater than one as evidence.

Table 4-2: Comparison of indoor and outdoor total PCB concentrations with other published studies using PAS-PUF samplers

| | | Sampling | | Air Concentrations (ng $m^{-3}$) | | |
|---|---|---|---|---|---|---|
| | Location | Method | Rate ($m^3 day^{-1}$) | Environment | range | mean |
| This Study | Columbus Junction, Iowa | PAS-PUF | 2.6 | Indoor | 0.59-29 | 3.9 |
| | | | 6.2 | Outdoor | 0.1-12 | 1.3 |
| | East Chicago, Indiana | PAS-PUF | 2.6 | Indoor | 0.47-6.1 | 1.9 |
| | | | 6.2 | Outdoor | 0.03-3.8 | 0.62 |
| Bohlin et al (2008) | Mexico City Urban | PAS-PUF | 2.5 | Indoor | 0.21-0.84 | 0.46 |
| | | | 3.5 | Outdoor | 0.23-0.66 | 0.43 |
| | Mexico City Semi-rural | PAS-PUF | 2.5 | Indoor | 0.10-0.32 | 0.16 |
| | | | 3.5 | Outdoor | 0.09-0.21 | 0.15 |
| | Gothenburg, Sweden | PAS-PUF | 2.5 | Indoor | 0.33-1.6 | 0.5 |
| | | | 3.5 | Outdoor | 0.06-1.7 | 0.12 |
| | Lancaster, UK | PAS-PUF | 2.5 | Indoor | 0.15-2.1 | 0.62 |
| | | | 3.5 | Outdoor | 0.12 | 0.12 |
| Zhang et al (2011) | Toronto, Canada | PAS-PUF | 0.7-1.27 | Indoor | 0.8-130.5 | 15.3 |

Airborne PCBs may pose a unique toxicological risk. Xin Hu et al. have examined the uptake mechanism in rats of this air mixture via inhalation and suggested that inhalation can be an important exposure pathway of lower chlorinated PCBs[21]. Although an under studied exposure there are some studies that have explicitly examined inhalation impacts. For example, a study by Senthilkumar et al (2011) examined the effects of PCBs on telomerase activity and telomere length. This study is interesting because it examines PCBs that are more volatile which are uncommonly analyzed in terms of toxicology but are readily found in air.[22] This study used a mixture described as a synthetic Chicago Airborne Mixture (CAM) of PCBs. The goal of the study was to examine the mechanism of toxicity or more specifically of carcinogenicity of PCBs by examining the effects on an enzyme involved in chromosomal ending activity, telomerase in which the shortening of telomeres is associated with cancer. Cultures of these cells from human skin were exposed to PCB 28, 52 and the CAM of PCBs at continuous doses of 5 µM for 48 days and examined every 6 days for telomerase activity, telomere length, and cell growth.

PCBs were shown to reduce telomerase activity from the 18$^{th}$ day to the 48$^{th}$ day of exposure. PCB 28 and 52 showed a 30-35% reduction and the CAM showed a 20-28% reduction. Telomere length was reduced by all mixtures by as much as 40% by PCB 52 and by as little as 5% by the CAM. It is interesting that the mixture produced less significant results, but this makes sense because it is the same dosage of for each exposure group but the mixture would show dilution effects if PCBs 52 and 28 are weighted to show more potent effects.

Limitations and uncertainties do exist in this work. Sample handling by residents involve in the study is an area of uncertainty that is hard to measure. Laboratory analysis was done in a way to assure consistency and correction as needed via quality control methods. Background PCB contamination, analytical error and bias could affect the data. Samples were prepared under a hood and lab blanks were analyzed for each batch. Laboratory blanks showed less than 5% of average sample mass for all batches. The sampling rates selected provide a large portion of uncertainty in concentration calculations. Further work is being performed currently to create more confidence in sampling rate selection. Thorough records are kept to assure correctness of metadata.

## 4.5 Summary and Conclusions

Airborne PCB concentrations were examined in two communities—East Chicago, Indiana, an urban community and Columbus Junction, Iowa, a rural community. Passive air samplers were deployed for 90 day time intervals using PUF disks as sampling media indoors and outdoors of resident's homes of the two communities. The Objectives were to compare indoor and outdoor PCB concentrations and to compare community differences using total PCB concentrations and congener distributions. As hypothesized, indoor air concentrations of PCBs were found to be greater than outdoor concentrations. Contrary to what was hypothesized, East Chicago outdoor air concentrations were not found to be greater than Columbus Junction concentrations. This study examined a large suite of PCBs (158 congener peaks) and this congener-specific method allows for a more detailed evaluation of PCB sources and potential risk to exposure. The congener profiles showed a majority of PCBs being lower chlorinated congeners but profiles for East Chicago showed higher relative concentrations of congeners with 4, 5, and 6 chlorines. Other studies have also found higher concentrations indoors and compare indoor and outdoor concentrations using an indoor/outdoor ratio, which is above one in all studies examined.

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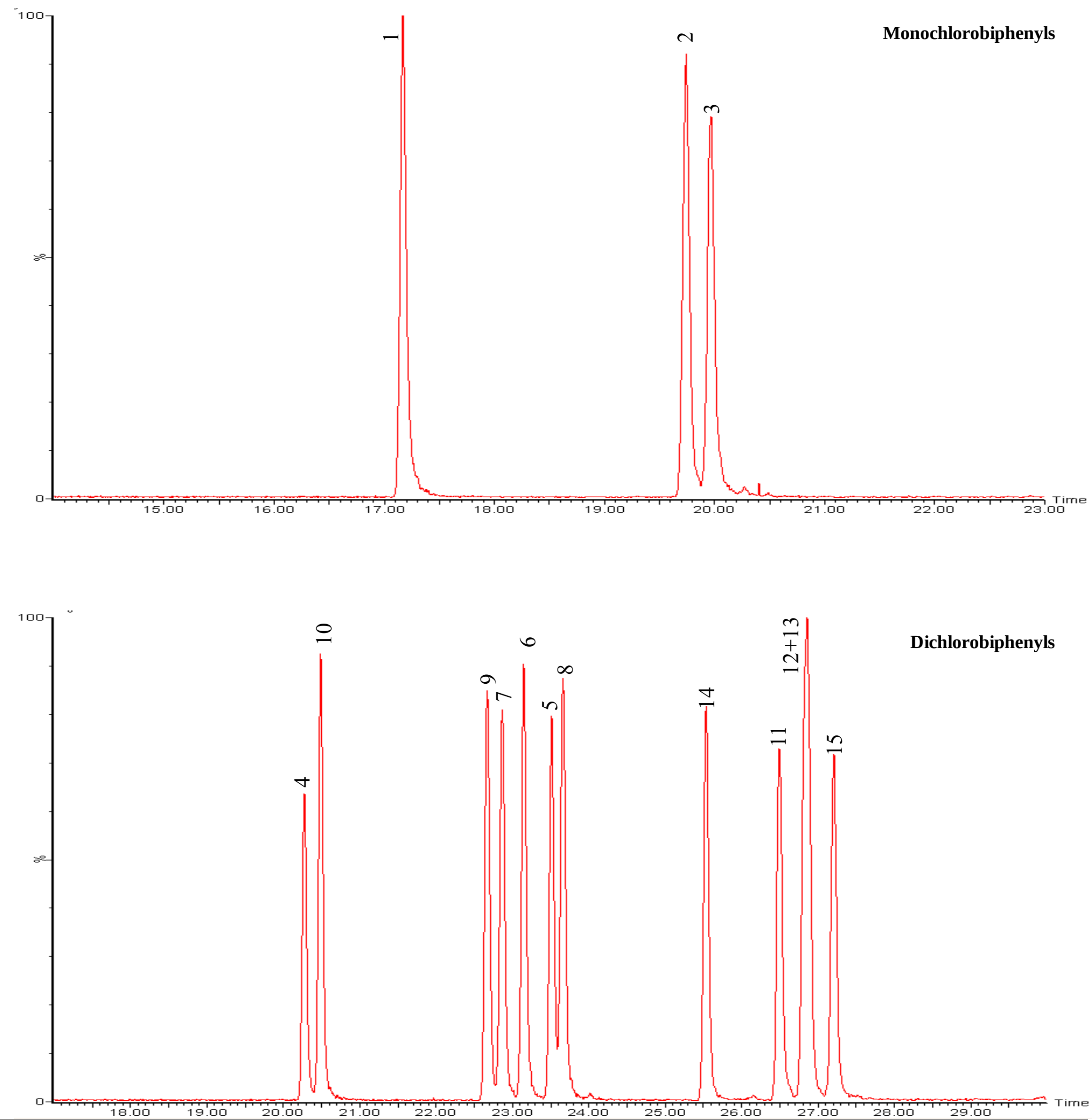
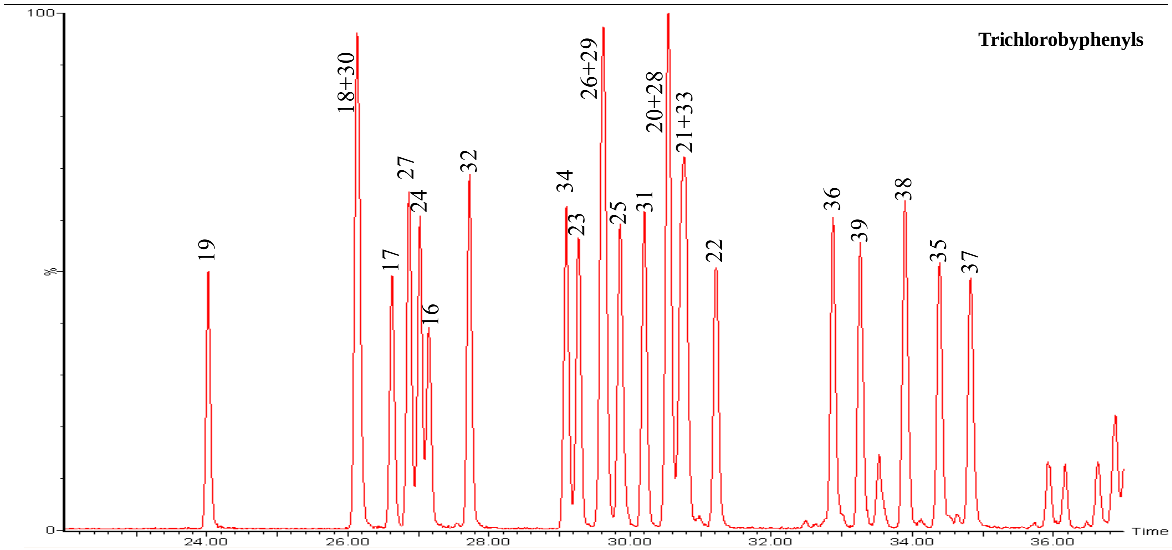
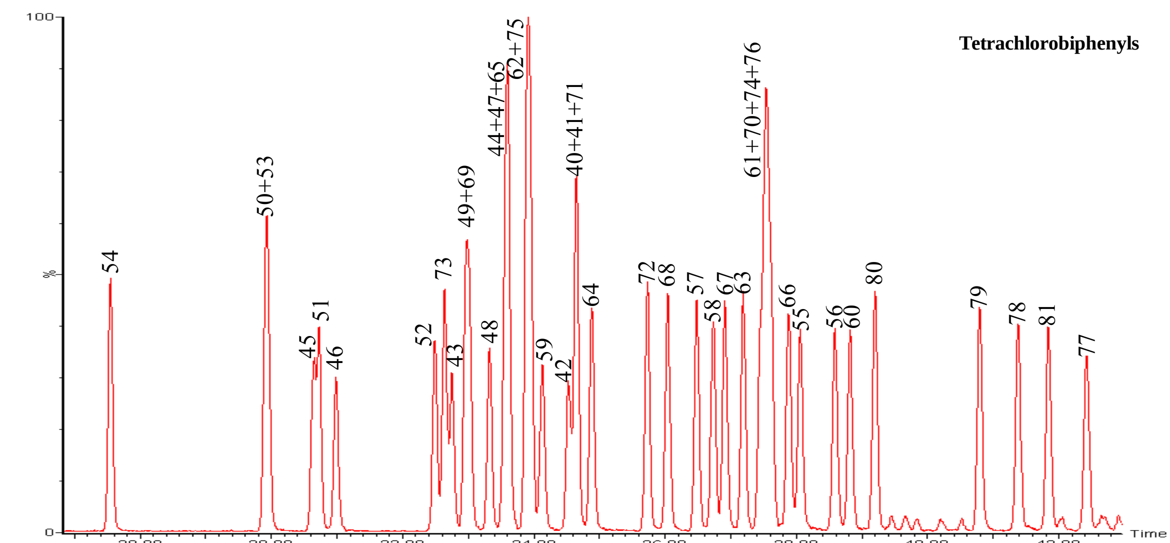
# APPENDIX A SUPPLEMENTAL MATERIAL

Figure A-1: Calibration standard showing retention time in the x axis and percentage of area relative to the highest peak in the y axis. Congeners are label for each peak and each homolog group is shown




Trichlorobyphenyls
19
18+30
17
27
24
16
32
34
23
26+29
25
31
20+28
21+33
22
36
39
38
35
37
Time


Tetrachlorobiphenyls
54
50+53
45
51
46
52
73
43
49+69
48
44+47+65
62+75
59
42
40+41+71
64
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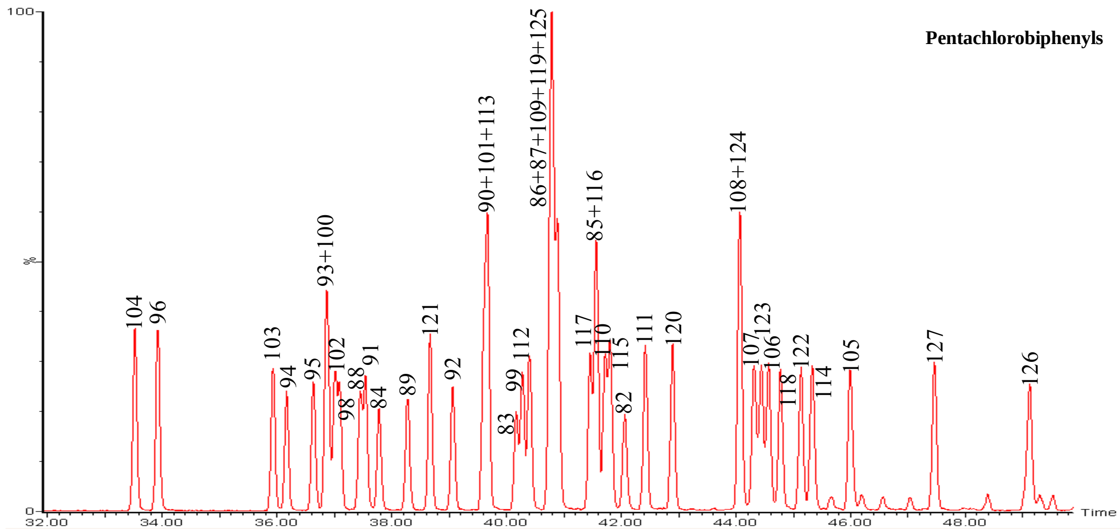
79
78
81
77
Time


Pentachlorobiphenyls
100
%
0
32.00
34.00
36.00
38.00
40.00
42.00
44.00
46.00
48.00
Time
104
96
103
94
95
93+100
102
98
88
91
84
89
121
92
90+101+113
83
99
112
86+87+109+119+125
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114
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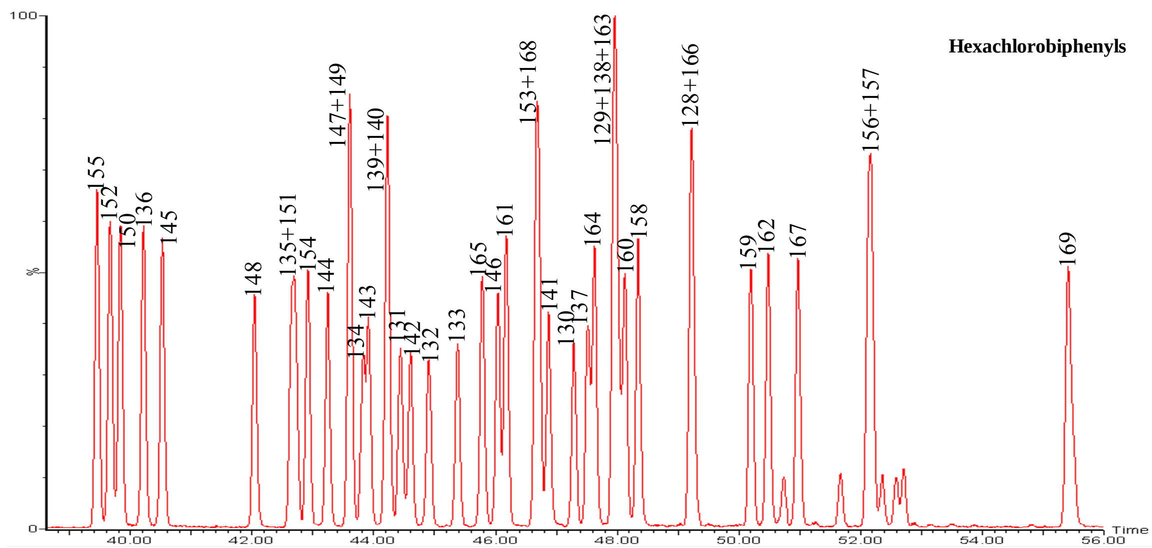
127
126


Hexachlorobiphenyls
100
%
0
40.00
42.00
44.00
46.00
48.00
50.00
52.00
54.00
56.00
Time
155
152
150
136
145
148
135+151
154
144
147+149
134
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139+140
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156+157
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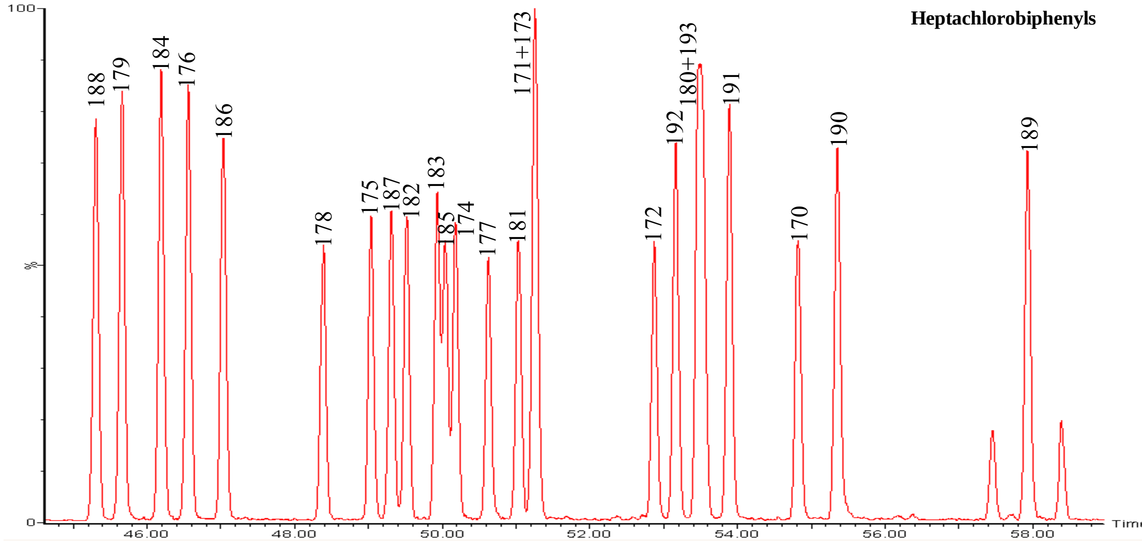
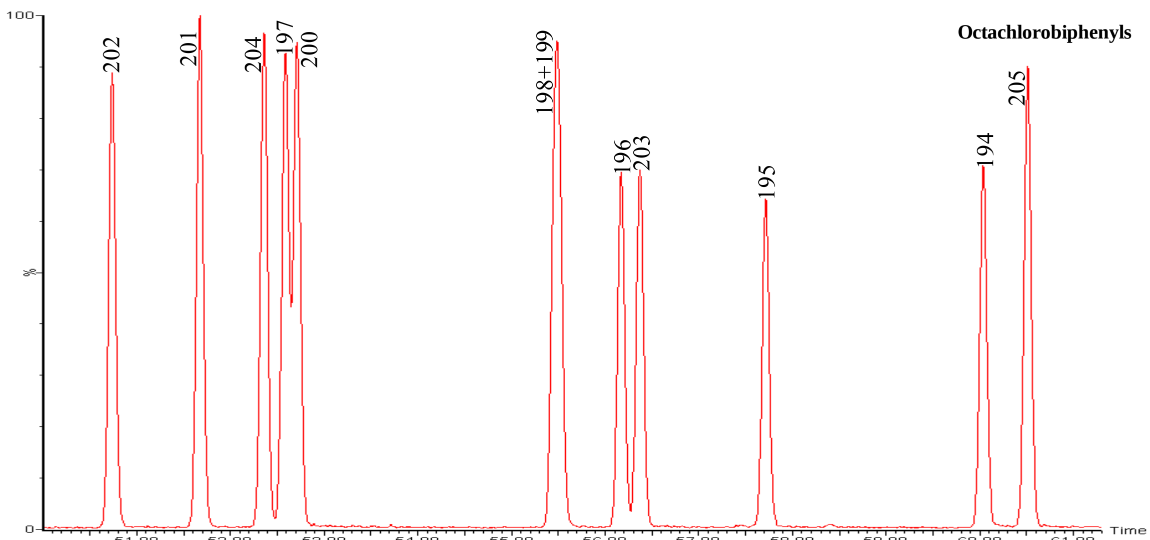
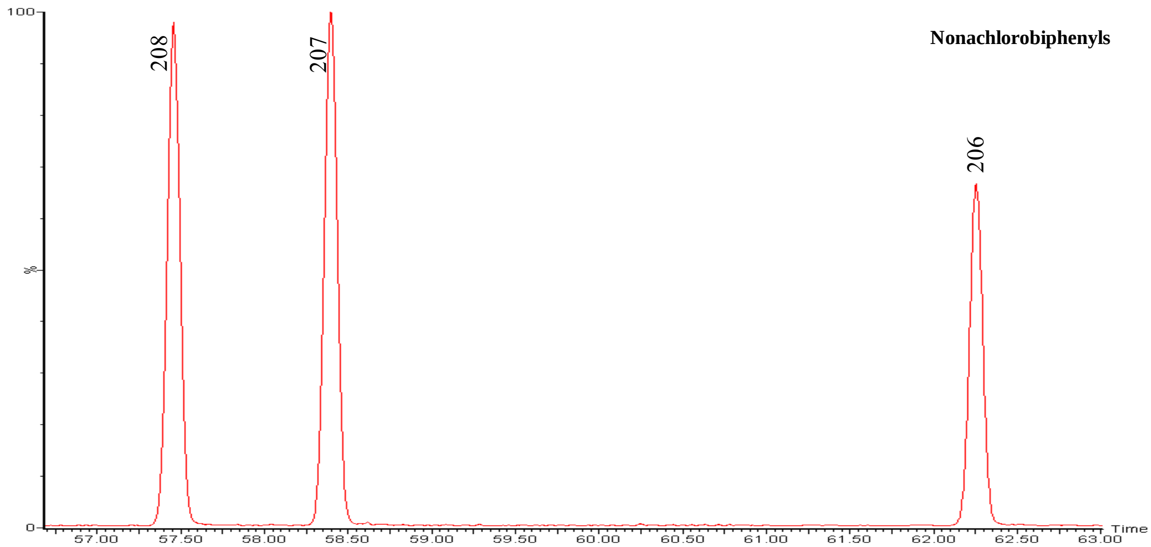
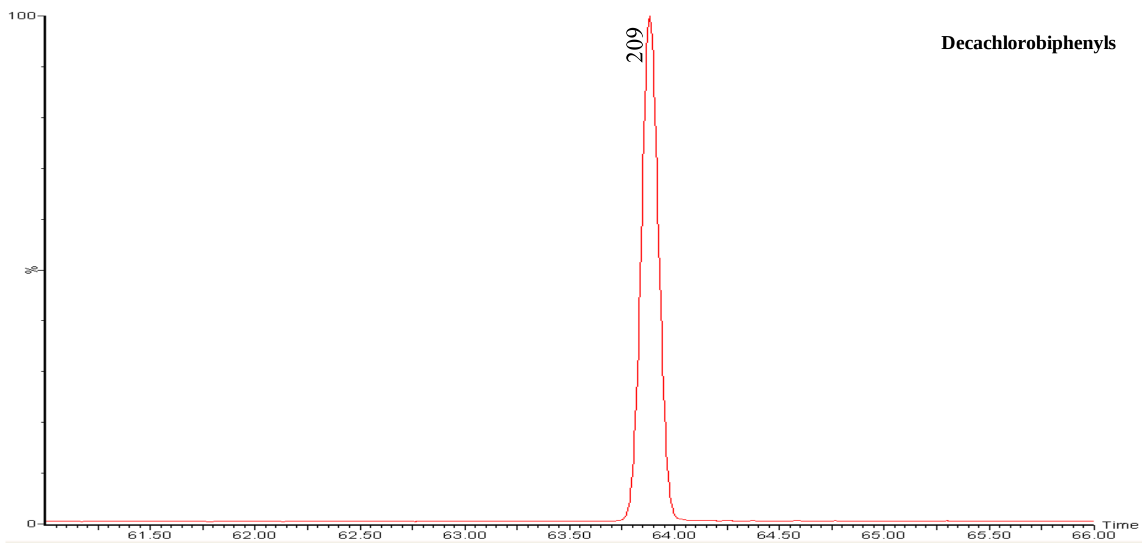

Heptachlorobiphenyls
188
179
184
176
186
178
175
187
182
183
185
174
177
181
171+173
172
192
180+193
191
170
190
189
100
%
0
46.00
48.00
50.00
52.00
54.00
56.00
58.00
Time


Octachlorobiphenyls
202
201
204
197
200
198+199
196
203
195
194
205
100
%
0
51.00
52.00
53.00
54.00
55.00
56.00
57.00
58.00
59.00
60.00
61.00
Time


Nonachlorobiphenyls
208
207
206
100
%
0
57.00
57.50
58.00
58.50
59.00
59.50
60.00
60.50
61.00
61.50
62.00
62.50
63.00
Time


Decachlorobiphenyls
209
100
%
0
61.50
62.00
62.50
63.00
63.50
64.00
64.50
65.00
65.50
66.00
Time

# APPENDIX B RAW DATA

Table B-1: Columbus Junction indoor air raw data showing necessary metadata and congener masses (ng)

| Batch I.D. | 0079-02 | 0079-04 | 0079-06 | 0079-08 | 0079-11 | 0090-07 | 0090-09 | 0090-12 |
|---|---|---|---|---|---|---|---|---|
| Sample I.D. | 6204213P | 6203613P | 6205213P | 6205613P | 6206813P | 6200313P | 6202613P | 6202813P |
| Deployment Date | 5/24/2008 | 5/24/2008 | 5/26/2008 | 6/2/2008 | 6/27/2008 | 5/9/2008 | 5/21/2008 | 5/22/2008 |
| Collection Date | 9/27/2008 | 9/20/2008 | 9/27/2008 | 9/21/2008 | 9/28/2008 | 9/4/2008 | 8/29/2008 | 9/4/2008 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 0.1 | 1 | 0.7 | 0.8 | 0.5 | 0.7 | 2.0 | 2.1 |
| 2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.5 | 0.3 | 0.4 |
| 3 | 1 | 1.6 | 0.8 | 1.3 | 1.3 | 2.6 | 1.8 | 1.8 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 5.5 | 7.5 | 4 | 10.1 | 5 | 9.9 | 7.4 | 6.8 |
| 5 | | 0.5 | 0.2 | 0.1 | | 0.7 | 0.4 | 0.4 |
| 6 | 0.1 | 3 | 1.7 | 1.4 | 1.5 | 4.9 | 3.3 | 2.9 |
| 7 | 0.3 | | 0.2 | 0.6 | | 1.2 | 0.9 | 0.8 |
| 8 | 5.6 | 13.4 | 8.2 | 8 | 6.6 | 21.5 | 14.2 | 12.4 |
| 9 | 0.2 | 0.8 | 0.2 | 0.6 | | 1.3 | 1.2 | 0.2 |
| 10 | 0.1 | 0.3 | | 0.2 | 0.2 | 0.5 | 0.4 | 0.3 |
| 11 | 4.3 | 13.5 | 8.3 | 11.5 | 6.5 | 46.4 | 12.1 | 9.5 |
| 12/13 | 0.1 | 2 | 0.5 | 0.4 | 0.1 | 1.5 | 0.8 | 0.7 |
| 15 | 1.5 | 7.9 | 2.4 | 1.6 | 1.8 | 8.5 | 4.9 | 4.1 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 3.4 | 16.1 | 5.4 | 3 | 3.6 | 11.9 | 8.0 | 6.6 |
| 17 | 2.8 | 8.8 | 4.4 | 2.8 | 3.3 | 10.0 | 7.2 | 6.4 |
| 18/30 | | | | | | | | |
| 19 | 0.1 | 2.1 | 0.3 | 0.7 | | 2.4 | 1.4 | 0.4 |
| 20/28 | 5.1 | 41 | 7.2 | 4.3 | 5.8 | 24.5 | 17.0 | 14.5 |
| 21/33 | 3.9 | 33.1 | 5.1 | 2.9 | 4 | 16.5 | 12.0 | 10.1 |
| 22 | 1.9 | 22 | 2.8 | 1.7 | 1.8 | 8.4 | 5.9 | 5.1 |
| 23 | | | 0.1 | | | | | |
| 24 | | 0.4 | 0.2 | 0.1 | 1.8 | 0.4 | 0.3 | 0.3 |
| 25 | 0.5 | 3.6 | 0.5 | 0.3 | 0.4 | 2.0 | 1.4 | 1.3 |
| 26/29 | 0.6 | 7.9 | 1.7 | 0.8 | 0.9 | 4.5 | 3.0 | 2.5 |
| 27 | 0.3 | 1.6 | 0.7 | 0.2 | 0.6 | | 1.0 | |
| 31 | 5.5 | 40.5 | 7 | 4.3 | 5.6 | 23.0 | 15.7 | 13.2 |
| 32 | 1.5 | 7.4 | 2.6 | 1.3 | 1.8 | 6.3 | 4.0 | 3.6 |
| 34 | | | | | | 0.0 | | |
| 35 | | 3.3 | | | 0.1 | 0.3 | | |
| 36 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 37 | 0.6 | 21.1 | 0.9 | 0.5 | 0.4 | 4.1 | 2.9 | 2.2 |
| 28 | | | | | | | | |
| 39 | | | | | 0.1 | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 1.4 | 35.2 | 2.4 | 1.7 | | 7.6 | 4.4 | 5.1 |
| 42 | 0.2 | 7.2 | 0.1 | 0.7 | 0.2 | 1.2 | 3.6 | 0.7 |
| 43/73 | 0.1 | 11.4 | 10.4 | 6.9 | | 39.2 | 40.1 | 31.8 |
| 44/47/65 | | | | | | | | |
| 45 | 0.5 | 4.1 | 1.5 | 0.5 | 0.2 | 1.0 | 2.9 | 0.8 |
| 46 | 0.1 | 3.9 | 0.5 | | 0.1 | 1.3 | 0.1 | 0.6 |
| 48 | 1 | 11.3 | 1 | 0.8 | 1.2 | 3.6 | 2.5 | 2.3 |
| 49/69 | 2.6 | 25.6 | 3.4 | 2.9 | 3 | 13.1 | 11.5 | 9.1 |
| 50/53 | | 6 | 0.9 | 0.1 | | 3.3 | 2.8 | 0.4 |
| 52 | 8.1 | 43.4 | 11.2 | 12.1 | 8.2 | 47.2 | 47.2 | 38.0 |
| 54 | 0.1 | | | | | | | |
| 55 | | 1.1 | | | | 0.2 | | |
| 56 | 0.2 | 24.9 | 0.5 | 0.7 | | 3.0 | 2.0 | 1.5 |
| 57 | | 0.2 | | | | | | |
| 58 | | | 0.1 | 0.1 | | 0.1 | | |
| 59 | 0.2 | 19.2 | 0.5 | 1.1 | 1.3 | 9.7 | 1.1 | 6.4 |
| 60 | 0.1 | 15.3 | 0.3 | | 0.1 | 1.5 | 1.2 | 0.6 |
| 61/70/74/76 | 0.7 | 19.5 | 1 | 1.2 | 0.5 | | 14.6 | 11.6 |
| 63 | | 1.8 | 0.1 | | | 1.0 | 0.2 | 0.1 |
| 64 | 1.4 | 20.8 | 0.8 | 1.5 | 1.8 | 6.5 | 5.4 | 4.2 |
| 66 | 0.4 | 41.8 | 1.9 | 1.6 | 1.6 | 6.5 | 4.6 | 3.6 |
| 67 | | 1.7 | 0.1 | 0.1 | | 0.1 | | 0.1 |
| 68 | 0.1 | 0.2 | | 0.1 | | 0.1 | | |
| 72 | 0.1 | | | | | | | |
| 77 | 0.1 | 5.5 | | | | 0.2 | 0.3 | |
| 78 | | | 0.1 | | | | | |
| 79 | 0.1 | | | | | | | |
| 80 | | | | | | 0.1 | | 0.0 |
| 81 | | | | 0.1 | 0.1 | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | | 4.4 | 0.2 | 0.1 | 0.3 | 1.4 | 0.7 | |
| 83/99 | 2 | 7.9 | 3.8 | 1.4 | 0.7 | 15.7 | 7.9 | 7.0 |
| 84 | 0.4 | 6.5 | 1.8 | 2.7 | 1.3 | 6.4 | 4.5 | 3.8 |
| 85/116/117 | 0.3 | 8.9 | 1.1 | 0.8 | 0.3 | 4.5 | 1.8 | 2.0 |
| 86/87/97/109/119/12 | 0.6 | 8.9 | 2 | 1.7 | 0.6 | 4.5 | 2.3 | 1.6 |
| 88/91 | | 4.1 | 0.4 | 1.4 | 0.7 | 2.9 | 2.4 | 1.9 |
| 89 | | | | | | 0.1 | | 0.1 |
| 90/101/113 | 1.4 | 14.1 | 5.6 | 6.4 | 3.2 | 19.3 | 12.2 | 8.5 |
| 92 | 0.3 | 2.5 | 1 | 0.6 | 0.4 | 3.6 | 2.1 | 1.6 |
| 93/100 | | | | | | 0.2 | | 0.7 |
| 94 | 0.1 | | | 0.1 | 0.5 | 0.3 | 0.1 | 0.1 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 95 | 3.5 | 13 | 5.9 | 8.2 | 4.1 | 23.4 | 20.0 | 14.9 |
| 96 | | | | | 0.1 | | 0.0 | 0.1 |
| 98/102 | | 0.2 | 0.1 | 0.3 | | 0.8 | 0.4 | 0.1 |
| 103 | | | | | | 0.1 | | |
| 104 | | | | | | | | |
| 105 | 0.1 | 6.8 | | | 0.1 | 3.1 | 0.2 | 0.1 |
| 106 | | | | | | | | |
| 107/123 | 0.1 | 0.1 | | 0.4 | 0.6 | 1.5 | 0.7 | 0.8 |
| 108/124 | 0.1 | | | 0.4 | 0.6 | 1.0 | 0.4 | 0.7 |
| 110/115 | 2.9 | 34.9 | 7.9 | 9 | 4.5 | 18.6 | 7.5 | 5.3 |
| 111 | | | | | | | | |
| 112 | | 0.8 | | 0.2 | 0.5 | 8.8 | 4.5 | 3.4 |
| 114 | | 0.6 | | | | | | |
| 118 | 0.6 | 11.8 | 1.6 | 1.6 | 1.2 | 11.2 | 2.5 | 1.7 |
| 120 | 0.1 | | | 0.1 | 0.1 | | 0.0 | |
| 121 | | | | | | 0.0 | 0.1 | |
| 122 | | | | | | 0.1 | | |
| 126 | | | 0.1 | | | 0.0 | | |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 0.1 | 2.2 | 0.3 | 0.9 | 0.1 | 8.5 | 0.4 | |
| 130 | | | | 0.1 | | 0.3 | | 0.0 |
| 131 | | 0.3 | | 0.1 | | | 0.1 | |
| 132 | 0.1 | 0.4 | 0.6 | 0.7 | | 3.2 | 0.7 | 0.4 |
| 133 | 0.3 | | 1.5 | | | | | 0.2 |
| 134/143 | | | | | 0.2 | 0.4 | 0.1 | |
| 135/151 | 0.3 | 0.1 | 0.1 | 0.3 | 0.1 | 4.8 | 0.4 | 0.2 |
| 136 | 0.1 | 0.4 | 0.5 | 0.3 | 0.2 | 2.0 | 1.0 | 0.7 |
| 137/164 | | 0.1 | | | | | | |
| 139/140 | | | | | | 0.2 | | |
| 141 | | 0.1 | | | | 2.3 | 0.1 | |
| 142 | | | | | | | 0.1 | |
| 144 | | | | | | 1.0 | 0.1 | |
| 145 | | 0.1 | | | | 0.1 | | |
| 146 | | 0.1 | | | | 1.0 | 0.0 | 0.0 |
| 147/149 | 0.8 | 2.4 | 0.8 | 1.6 | 0.8 | 9.9 | 2.3 | 1.6 |
| 148 | | | | | | | | |
| 150 | | | | | | | | 0.0 |
| 152 | | | | | | | | 0.0 |
| 153/168 | 0.1 | 1.2 | 0.1 | 0.4 | 0.1 | 8.6 | 0.2 | 0.2 |
| 154 | | 0.1 | | | | 0.1 | | |
| 155 | | | | | | 0.0 | | |
| 156/157 | 1.7 | 0.5 | 0.6 | 0.2 | 0.1 | 0.7 | | 0.1 |
| 158 | | | | | | 0.8 | 0.0 | |
| 159 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 160 | | | | 0.1 | | | | |
| 161 | | 0.1 | | | | 0.2 | 0.0 | 0.0 |
| 162 | | | | | | | | |
| 165 | | | | | | | | |
| 167 | | | | | | | | 0.0 |
| 169 | | | | | | | | |
| Heptachlorobiphenyl | | | | | | | | |
| 170 | | 0.1 | | | 0.1 | 0.7 | | |
| 171/173 | | | | | | 0.8 | | |
| 172 | | | | | | 0.1 | | |
| 174 | | 0.1 | | | | 1.2 | | |
| 175 | | | | | | | | |
| 176 | | | | | | 0.1 | 0.1 | |
| 177 | | | | | 0.1 | 1.2 | | |
| 178 | | | | | | 0.2 | | |
| 179 | | | | | | 1.5 | 0.1 | |
| 180/193 | | 0.1 | | | | 3.3 | 0.1 | |
| 181 | | | | | | | | |
| 182 | | | | | | | | |
| 183/185 | | 0.2 | 0.1 | | | 2.7 | | 0.1 |
| 184 | | | | | | | | |
| 186 | | | | | | | | |
| 187 | | | | | | 3.0 | | 0.1 |
| 188 | | | | | | | | |
| 189 | | | | | | | | |
| 190 | | | | | | 0.1 | | |
| 191 | | | | | | | | |
| 192 | | | | | 0.1 | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | 0.1 | | | | | 0.4 | | |
| 195 | | 0.1 | | | | | 0.0 | |
| 196 | | | | | | 0.1 | | |
| 197 | | 0.1 | | | | | 0.0 | |
| 198/199 | | 0.1 | | | | 0.5 | 0.1 | |
| 200 | | 0.1 | | | | | | |
| 201 | | 0.1 | | | | 0.1 | | |
| 202 | | | | | | 0.3 | | |
| 203 | | | | | | 0.3 | | |
| 205 | 0.1 | | | | 0.1 | | | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | | | | | | | | |
| 207 | | | | | | 0.12 | | |
| 208 | | | 0.1 | | | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Recoveries | | | | | | | | |
| 14 | 53% | 55% | 49% | 57% | 63% | 83% | 73% | 66% |
| d-65/65 | 85% | 90% | 85% | 85% | 95% | 131% | 165% | 100% |
| 166 | 77% | 88% | 76% | 89% | 96% | 81% | 75% | 74% |
| Batch I.D. | 0091-01 | 0091-03 | 0091-05 | 0091-08 | 0110-01 | 0110-03 | 0110-05 | 0110-07 |
| Sample I.D. | 6203412P | 6203812P | 6204012P | 6204412P | 6200118P 05182009 | 6200318P 05222009 | 6200518P 05232009 | 6200918P 05232009 |
| Deployment Date | 5/19/2008 | 5/24/2008 | 5/24/2008 | 5/28/2008 | 2/12/2009 | 2/14/2009 | 2/14/2009 | 2/10/2009 |
| Collection Date | 8/30/2008 | 8/30/2008 | 8/30/2008 | 8/30/2008 | 5/18/2009 | 5/22/2009 | 5/23/2009 | 5/23/2009 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 3 | 2.1 | 2.8 | 1.3 | 12.85 | 7.73 | 4.62 | 4.25 |
| 2 | 0.6 | 0.5 | 0.6 | 0.3 | 1.43 | 1.25 | 0.69 | 0.72 |
| 3 | 3.1 | 2.7 | 4.5 | 1.3 | 43.65 | 21.90 | 26.65 | 21.34 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 16.8 | 8.6 | 11.8 | 6.4 | 104.53 | 15.52 | 15.52 | 7.42 |
| 5 | | 0.1 | 0.2 | 0.1 | 4.48 | 0.70 | 0.60 | 0.37 |
| 6 | 7.9 | 4 | 5.2 | 2.8 | 7.05 | 1.65 | 0.97 | 0.81 |
| 7 | 1.2 | 0.7 | 0.9 | 0.5 | 4.74 | 1.28 | 0.82 | 0.56 |
| 8 | 41 | 16.6 | 25.7 | 14.1 | 20.17 | 4.79 | 3.37 | 1.88 |
| 9 | 2 | 1.3 | 1.1 | 0.8 | 1.78 | 0.50 | 0.18 | |
| 10 | 0.3 | 0.3 | 0.5 | | 86.70 | 18.91 | 11.69 | 7.70 |
| 11 | 26.6 | 36 | 24.5 | 9.1 | 31.01 | 45.83 | 22.74 | 14.76 |
| 12/13 | 1.9 | 0.2 | 1.3 | 0.7 | 2.55 | 1.13 | 0.87 | 0.49 |
| 15 | 16.2 | 3.8 | 9.9 | 4.5 | 11.01 | 3.76 | 2.18 | 1.46 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 27.1 | 7 | 15.6 | 8.6 | 28.99 | 7.63 | 4.32 | 2.77 |
| 17 | 25.9 | 9.2 | 17.1 | 9.3 | 32.20 | 7.50 | 4.90 | 3.26 |
| 18/30 | 19.8 | 20.2 | 18.3 | 17.4 | 77.25 | 17.12 | 12.00 | 7.03 |
| 19 | 4.8 | 1.8 | 2.6 | 1.5 | 12.77 | 2.28 | 1.74 | 0.88 |
| 20/28 | 59.4 | 11 | 31.8 | 18.3 | 76.93 | 25.97 | 16.06 | 11.21 |
| 21/33 | 42.5 | 8.5 | 24.1 | 13.2 | 34.99 | 12.17 | 7.55 | 5.02 |
| 22 | 22.4 | 3.4 | 11 | 6.3 | 11.94 | 4.09 | 2.42 | 1.74 |
| 23 | 0.4 | 0.1 | 0.1 | | | | | |
| 24 | | | | | | | | |
| 25 | 4.9 | 1 | 2.1 | 1.6 | 3.97 | 1.38 | 0.76 | 0.72 |
| 26/29 | 11.8 | 1.9 | 6.1 | 3.4 | | | | |
| 27 | 2.5 | 0.6 | 1.4 | 1 | 3.94 | 1.01 | 0.54 | 0.39 |
| 31 | 61.7 | 11.5 | 33.1 | 18.9 | 3.00 | 1.23 | 0.56 | 0.42 |
| 32 | 14.4 | 3.5 | 8.3 | 4.6 | | | | |
| 34 | | | 0.1 | | 16.54 | 4.33 | 2.67 | 1.84 |
| 35 | 0.6 | 0.2 | | 0.1 | | | | |
| 36 | | | | 0.1 | 11.94 | 4.50 | 2.63 | 1.91 |
| 37 | 9.9 | 1.2 | 4.3 | 2.5 | 3.09 | 1.70 | 1.31 | |
| 28 | | | | | | | | |
| 39 | | | 0.1 | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 22.9 | 3.3 | 11.7 | 5.4 | | 4.01 | 2.30 | 1.84 |
| 42 | | | | | 11.35 | 2.18 | 1.47 | |
| 43/73 | | | | | | | | |
| 44/47/65 | 96.9 | 45.5 | 69 | 54 | 44.22 | 14.71 | 12.98 | 9.80 |
| 45 | 9.4 | 4.6 | 6.9 | 3.1 | 4.48 | 2.04 | 1.28 | 0.99 |
| 46 | 2.4 | | 0.7 | 1 | 2.20 | 0.91 | | |
| 48 | 6.4 | 0.8 | 4.3 | 3 | 5.52 | 2.22 | 1.15 | 0.94 |
| 49/69 | 42 | 8 | 25.9 | 15.7 | 27.19 | 7.33 | 7.22 | 4.67 |
| 50/53 | 9.2 | 1.9 | 5.6 | 3.9 | 8.24 | 2.53 | 1.90 | 0.75 |
| 52 | 203.5 | 35.3 | 115.1 | 83.3 | 117.79 | 26.93 | 31.70 | 21.47 |
| 54 | | | | | | | | |
| 55 | | | | | | | | |
| 56 | 9.9 | 2.3 | 5.9 | 4.4 | 3.62 | 2.09 | 1.46 | |
| 57 | | | | | | | | |
| 58 | | | | | | | | |
| 59/62/75 | 12.8 | 2.3 | 8 | 3.7 | 5.65 | 0.68 | 0.39 | |
| 60 | 2.7 | 0.5 | 2.6 | | 1.19 | 1.18 | 0.69 | |
| 61/70/74/76 | 52.8 | 12.6 | 43.7 | 22.2 | 27.22 | 12.20 | 10.87 | 5.84 |
| 63 | | | | | | | | |
| 64 | 18.5 | 3.5 | 12.2 | 7.4 | 11.72 | 3.98 | 3.32 | 2.29 |
| 66 | 15.2 | 3 | 11.3 | 6.2 | 9.11 | 4.42 | 3.15 | 2.05 |
| 67 | | | | | | | | |
| 68 | | 1.7 | | | | 0.70 | | |
| 72 | | | | | | | | |
| 77 | | | | | | | | |
| 78 | | | | | | | | |
| 79 | | | | | | | | |
| 80 | | | | | | | | |
| 81 | | | | | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | 1.5 | 0.5 | 2.4 | 0.6 | | 1.26 | 0.99 | |
| 83/99 | 17.2 | 4.4 | 19.8 | 7.6 | 10.34 | 5.82 | 5.60 | 2.40 |
| 84 | 16.5 | 4.3 | 14.9 | 7.5 | 11.58 | 3.71 | 3.93 | 2.04 |
| 85/116/117 | 2.8 | 1.1 | 1.6 | 0.9 | 2.09 | 2.01 | 1.88 | 1.77 |
| 86/87/97/109/119/12 | 12.4 | 4.7 | 15.6 | 5.5 | 11.80 | 7.88 | 6.66 | 1.13 |
| 88/91 | 7.6 | 1.7 | 7.7 | 3.6 | 6.29 | 1.76 | 2.14 | 0.84 |
| 89 | | | | | | | | |
| 90/101/113 | 34.4 | 10.6 | 39.7 | 16.9 | 23.33 | 12.26 | 11.91 | 5.53 |
| 92 | 6.7 | 1.6 | 6.5 | 3.4 | 4.64 | 2.07 | 2.12 | 1.12 |
| 93/100 | 0.7 | 0.4 | 0.6 | 0.6 | | | | |
| 94 | | | | | | | | |
| 95 | 84 | 19.4 | 73.7 | 40.3 | 48.83 | 12.73 | 15.43 | 9.27 |
| 96 | 0.7 | 0.1 | 0.5 | 0.3 | | | | |
| 98/102 | | | | | 1.13 | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 103 | | 0.1 | | | | | | |
| 104 | | | | | | | | |
| 105 | 1 | 0.2 | 2.7 | 0.3 | 1.12 | 3.14 | 1.69 | |
| 106 | | 0.4 | 0.5 | | | | | |
| 107/123 | | | 0.3 | | | | | |
| 108/124 | | | | | | | | |
| 110/115 | 15.9 | 5.7 | 25.5 | 7.7 | 13.05 | 11.75 | 8.68 | 3.93 |
| 111 | | | | | | | | |
| 112 | | | | | | | | |
| 114 | | | | | | | | |
| 118 | 5.5 | 2.7 | 12 | 1.7 | 4.39 | 8.46 | 4.34 | 1.83 |
| 120 | | | | | | | | |
| 121 | | | | | | | | |
| 122 | | | | | | | | |
| 126 | | 0.1 | | | | | | |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 1.6 | 0.9 | 4.1 | 0.4 | | 6.34 | 2.88 | 1.47 |
| 130 | | | | | | | | |
| 131 | | | | | | | | |
| 132 | 1.6 | 0.6 | 2.9 | 0.6 | 1.33 | 2.09 | 1.35 | |
| 133 | | | | | | | | |
| 134/143 | | | | | | | | |
| 135/151 | 3.4 | 1.2 | 4.6 | 0.5 | 2.19 | 3.08 | 1.47 | 1.74 |
| 136 | 3.2 | 0.7 | 3.4 | 1.2 | 2.18 | 1.15 | 0.99 | 0.32 |
| 137/164 | | | | | | | | |
| 139/140 | | | | | | 0.30 | | |
| 141 | 0.3 | | 0.5 | | | 1.40 | 0.51 | |
| 142 | | | | | | | | |
| 144 | 0.3 | | 0.4 | | | 0.59 | | |
| 145 | | | | | | | | |
| 146 | 0.5 | | 0.4 | | | | | |
| 147/149 | 6.5 | 2.8 | 9.1 | 2.5 | 3.88 | 5.85 | 3.19 | |
| 148 | | | | | | | | |
| 150 | | | | | | | | |
| 152 | | | | | | | | |
| 153/168 | 2.2 | 1 | 3.4 | 0.8 | 2.14 | 6.27 | 2.57 | 1.27 |
| 154 | | | | | | | | |
| 155 | | | | | | | | |
| 156/157 | 1.4 | 1.6 | 1.9 | 1.5 | | 0.45 | | |
| 158 | | | | | | 0.74 | 0.32 | |
| 159 | | | | | | | | |
| 160 | | | | | | | | |
| 161 | | | | | | 0.68 | 0.30 | |
| 162 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 165 | | | | | | | | |
| 167 | | | | | | | | |
| 169 | | | | | | | | |
| Heptachlorobiphenyls | | | | | | | | |
| 170 | | | | | | 0.84 | | |
| 171/173 | | | | | | | | |
| 172 | | | | | | 0.60 | | |
| 174 | 0.2 | 0.2 | 0.4 | 0.1 | | 1.87 | | |
| 175 | | | | | | | | |
| 176 | 0.1 | 0.1 | 0.1 | | | 0.50 | 0.40 | |
| 177 | 0.1 | | 0.2 | | | 0.96 | | |
| 178 | 0.1 | | | | | 0.59 | | |
| 179 | 0.4 | 0.2 | 0.4 | 0.1 | | 1.51 | | |
| 180/193 | 0.2 | 0.3 | 0.4 | 0.1 | | 3.28 | 0.48 | |
| 181 | | | | | | | | |
| 182 | | | | | | | | |
| 183/185 | 0.3 | 0.2 | 0.3 | | | 2.13 | | |
| 184 | | | | | | | | |
| 186 | | | | | | | | |
| 187 | 0.5 | 0.2 | 0.5 | 0.1 | | 3.25 | 0.62 | |
| 188 | | | | | | | | |
| 189 | | | | | | | | |
| 190 | | | | | | 0.37 | | |
| 191 | | | | | | | | |
| 192 | | | | | | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | | | | | | | | |
| 195 | | | | | | | | |
| 196 | | | | | | 0.45 | | |
| 197 | | | | | | | | |
| 198/199 | | | | | | 1.05 | | |
| 200 | | | | | | | | |
| 201 | | | | | | | | |
| 202 | | | | | | 0.47 | | |
| 203 | | | | | | 0.62 | | |
| 205 | | | | | | | | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | | | | | | | | |
| 207 | | | | | | | | |
| 208 | | | | | | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Recoveries | | | | | | | | |
| 14 | 71% | 53% | 50% | 41% | 36% | 90% | 79% | 66% |
| d-65/65 | 194% | 91% | 138% | 108% | 34% | 79% | 70% | 59% |
| 166 | 62% | 58% | 70% | 64% | 49% | 124% | 115% | 97% |
| Batch I.D. | 0110-09 | 0111-01 | 0111-03 | 0111-05 | 0111-07 | 0111-09 | 0112-01 | 0112-03 |
| Sample I.D. | 6201018P 05232009 | 6201418P 05162009 | 6201618P 05192009 | 6201818P 05162009 | 6202018P 05162009 | 6202818P 05222009 | 6204418P 05282009 | 6204618P 05242009 |
| Deployment Date | 2/14/2009 | 2/12/2009 | 2/14/2009 | 2/14/2009 | 2/14/2009 | 2/22/2009 | 3/1/2009 | 3/1/2009 |
| Collection Date | 5/23/2009 | 5/16/2009 | 5/19/2009 | 5/16/2009 | 5/16/2009 | 5/22/2009 | 5/28/2009 | 5/24/2009 |
| Monochlorobiphenyl | | | | | | | | |
| 1 | 7.26 | 4.6 | 3.1 | 5.0 | 4.3 | 3.0 | 2.1 | 2.0 |
| 2 | 1.45 | 0.9 | 0.9 | 0.8 | 0.8 | 0.7 | 0.5 | 0.6 |
| 3 | 60.97 | 28.1 | 31.3 | 19.1 | 25.5 | 24.7 | 45.1 | 28.0 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 16.13 | 21.5 | 7.4 | 14.8 | 15.7 | 7.0 | 6.9 | 11.1 |
| 5 | 0.80 | 0.5 | 0.4 | | 0.7 | 0.4 | 0.3 | 0.4 |
| 6 | 2.22 | 4.1 | 2.4 | 3.4 | 4.4 | 2.8 | 1.7 | 4.0 |
| 7 | 1.70 | 1.2 | 0.7 | 0.9 | 1.0 | 0.7 | 0.6 | 0.9 |
| 8 | 6.59 | 17.1 | 9.8 | 14.7 | 18.3 | 8.9 | 6.9 | 14.1 |
| 9 | 0.92 | 1.4 | 0.9 | 1.3 | 1.4 | 1.5 | 1.0 | 1.4 |
| 10 | 26.53 | 0.8 | 0.3 | 0.6 | 0.6 | 0.4 | 0.3 | 0.5 |
| 11 | 17.00 | 38.4 | 26.7 | 12.5 | 47.8 | 32.7 | 13.2 | 27.0 |
| 12/13 | 1.89 | 0.9 | 0.5 | 0.5 | 1.1 | 0.8 | 0.4 | 1.0 |
| 15 | 5.58 | 3.0 | 2.2 | 1.8 | 4.8 | 2.1 | 1.6 | 3.5 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 9.99 | 6.7 | 4.3 | 3.3 | 8.2 | 4.0 | 2.9 | 6.7 |
| 17 | 10.03 | 7.4 | 4.2 | 4.1 | 9.0 | 4.1 | 3.0 | 6.6 |
| 18/30 | 25.16 | 16.9 | 9.5 | 8.9 | 20.5 | 9.5 | 7.0 | 15.5 |
| 19 | 2.77 | 2.3 | 1.3 | 1.2 | 2.6 | 1.2 | 0.8 | 2.0 |
| 20/28 | 41.78 | 11.3 | 7.4 | 5.0 | 14.2 | 7.1 | 6.6 | 12.5 |
| 21/33 | 17.05 | 7.2 | 5.0 | 3.0 | 8.4 | 4.6 | 3.9 | 8.1 |
| 22 | 5.71 | 3.9 | 2.9 | 1.6 | 4.5 | 2.6 | 2.2 | 4.7 |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | 1.65 | 1.0 | 0.6 | 0.4 | 0.9 | 0.5 | 0.4 | 0.9 |
| 26/29 | | 2.4 | 1.5 | 1.0 | 2.6 | 1.4 | | 2.3 |
| 27 | 1.11 | 1.1 | 0.6 | 0.5 | 1.1 | 0.5 | 0.3 | 0.9 |
| 31 | 1.27 | 11.7 | 7.7 | 5.3 | 15.0 | 7.5 | 6.3 | 12.4 |
| 32 | | 4.0 | 2.6 | 2.0 | 5.2 | 2.6 | 1.8 | 4.0 |
| 34 | 6.28 | | | | | | 1.2 | |
| 35 | | 0.4 | 0.3 | 0.1 | 0.4 | 0.3 | | 2.5 |
| 36 | 5.71 | 0.3 | | | | | | |
| 37 | 1.40 | 1.7 | 1.5 | 0.6 | 1.4 | 0.9 | 1.1 | |
| 28 | | | | | | | | 0.2 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 39 | | | | | | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 5.82 | 3.6 | 5.6 | 1.5 | 5.8 | 2.8 | 1.5 | 4.1 |
| 42 | 4.06 | 2.1 | | 0.8 | 2.8 | 1.3 | 0.9 | 2.0 |
| 43/73 | | | 0.3 | | | 0.2 | | |
| 44/47/65 | 32.01 | 13.0 | 9.4 | 6.6 | 13.6 | 7.8 | 5.3 | 10.9 |
| 45 | 2.35 | 2.3 | 2.8 | 1.1 | 3.3 | 2.1 | | 1.2 |
| 46 | 1.39 | 0.7 | 0.3 | 0.3 | 1.1 | 0.4 | | 0.7 |
| 48 | 3.86 | 1.9 | 1.3 | 0.8 | 3.0 | 1.1 | 0.9 | 2.0 |
| 49/69 | 20.77 | 11.9 | 5.6 | 5.9 | 13.3 | 6.1 | 3.0 | 5.7 |
| 50/53 | 6.21 | 2.2 | 1.1 | 1.2 | 3.2 | 1.3 | 0.8 | 2.0 |
| 52 | 99.31 | 23.4 | 8.0 | 12.0 | 19.7 | 9.6 | 9.4 | 19.5 |
| 54 | | | | | | | | |
| 55 | | | | | | | | |
| 56 | 2.60 | 1.8 | 1.3 | 0.6 | 1.9 | 0.9 | 0.8 | 2.3 |
| 57 | | | | | | | | |
| 58 | | | | | | | | |
| 59/62/75 | 0.89 | 0.6 | 0.4 | 0.3 | 0.6 | 0.4 | | 0.7 |
| 60 | 1.48 | 0.9 | 0.8 | 0.3 | 0.9 | 0.6 | 0.5 | 1.6 |
| 61/70/74/76 | 21.81 | 11.5 | 6.4 | 5.3 | 11.2 | 5.2 | 4.7 | 10.3 |
| 63 | | | | | | | | |
| 64 | 8.81 | 4.0 | 2.1 | 1.9 | 4.4 | 2.0 | 1.6 | 3.5 |
| 66 | 6.89 | 4.5 | 2.9 | 1.7 | 4.7 | 1.9 | 2.0 | 5.0 |
| 67 | | | | | | | | |
| 68 | | 0.4 | 0.8 | | | 0.3 | | |
| 72 | | | | | | | | |
| 77 | | | | | | | | |
| 78 | | | | | | | | |
| 79 | | | | | | | | |
| 80 | | | | | | | | |
| 81 | | | | | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | 15.68 | 0.8 | | 0.2 | | 0.2 | | 0.7 |
| 83/99 | 7.23 | 4.5 | 1.9 | 2.1 | 3.9 | 1.7 | | 1.6 |
| 84 | 8.86 | 3.8 | 1.4 | 2.0 | 3.3 | 1.6 | 1.1 | 2.2 |
| 85/116/117 | 7.81 | 1.7 | 0.4 | 0.9 | 1.4 | 0.9 | 0.6 | 0.6 |
| 86/87/97/109/119/12 | | 5.8 | 2.4 | 2.2 | 4.9 | 1.3 | | 1.1 |
| 88/91 | 4.61 | 1.7 | 0.6 | 1.0 | 1.3 | 0.8 | 0.3 | 0.6 |
| 89 | | | | | | | | |
| 90/101/113 | 18.34 | 9.8 | 4.1 | 4.6 | 9.2 | 3.8 | 2.9 | 6.1 |
| 92 | 3.62 | 1.9 | 0.8 | 0.9 | 2.0 | 0.7 | 0.6 | 1.2 |
| 93/100 | | | | | | | | |
| 94 | | | | | | | | |
| 95 | 40.11 | 14.7 | 4.8 | 7.6 | 12.0 | 5.8 | 3.9 | 8.0 |
| 96 | 0.57 | | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| 98/102 | | 0.4 | | | | 0.2 | | |
| 103 | | | | | | | | |
| 104 | | | | | | | | |
| 105 | | 1.3 | 0.6 | 0.2 | 1.3 | 0.3 | | 1.0 |
| 106 | | | | | | | | |
| 107/123 | | 0.3 | | | | | | |
| 108/124 | | 0.2 | | | | | | |
| 110/115 | 1.14 | 7.7 | 3.1 | 2.7 | 6.6 | 2.4 | 1.0 | 2.5 |
| 111 | 0.47 | | | | | | | |
| 112 | | | | | | | | |
| 114 | | | | | | | | |
| 118 | 2.62 | 3.7 | 1.5 | 0.9 | 3.6 | 0.9 | 0.7 | 2.5 |
| 120 | | | | | | | | |
| 121 | | | | | | | | |
| 122 | | | | | | | | |
| 126 | | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.9 | 1.0 |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 1.07 | 1.9 | 0.7 | 0.4 | 1.7 | 0.5 | 0.4 | 1.0 |
| 130 | | | | | | | | |
| 131 | | | | | | | | |
| 132 | 0.87 | 1.1 | | 0.2 | 0.9 | | | 0.6 |
| 133 | | | | | | | | |
| 134/143 | | | 0.4 | | | | | |
| 135/151 | 1.87 | 1.2 | 0.4 | 0.4 | 1.1 | 0.4 | | 0.7 |
| 136 | 1.95 | 0.9 | 0.4 | 0.3 | 0.7 | 0.3 | 0.2 | 0.5 |
| 137/164 | | | | | | | | |
| 139/140 | | | | | | | | |
| 141 | | 0.4 | | | | | | |
| 142 | | | | | | | | |
| 144 | | | | | | | | |
| 145 | | | | | | | | |
| 146 | | 0.3 | | | | | | |
| 147/149 | 3.01 | 2.7 | 1.0 | 0.7 | 2.5 | 0.8 | 1.3 | 1.4 |
| 148 | | | | | | | | |
| 150 | | | | | | | | |
| 152 | | | | | | | | |
| 153/168 | 1.07 | 1.6 | 0.7 | 0.4 | 1.2 | 0.3 | | 0.9 |
| 154 | | | | | | | | |
| 155 | | | | | | | | |
| 156/157 | | 2.0 | | 2.2 | 2.1 | 2.0 | | 2.0 |
| 158 | | 0.2 | | | | | | |
| 159 | | | | | | | | |
| 160 | | | | | | | | |
| 161 | | | | | | | | |

| | | |
|---|---|---|
| 162 | | |
| 165 | | |
| 167 | | |
| 169 | | 1.5 |
| Heptachlorobiphenyl | | |
| 170 | | |
| 171/173 | 0.3 | |
| 172 | | |
| 174 | | |
| 175 | | |
| 176 | | |
| 177 | | |
| 178 | | |
| 179 | 0.2 | |
| 180/193 | | |
| 181 | | |
| 182 | | |
| 183/185 | | |
| 184 | | |
| 186 | | |
| 187 | | |
| 188 | | |
| 189 | | |
| 190 | | |
| 191 | | |
| 192 | | |
| Octachlorobiphenyls | | |
| 194 | | |
| 195 | | |
| 196 | | |
| 197 | | |
| 198/199 | | |
| 200 | | |
| 201 | | |
| 202 | | |
| 203 | | |
| 205 | | |
| Nonachlorobiphenyls | | |
| 206 | | |
| 207 | | |
| 208 | | |
| Decachlorobiphenyls | | |
| 209 | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Recoveries | | | | | | | | |
| 14 | 83% | 81% | 83% | 82% | 91% | 84% | 85% | 83% |
| d-65/65 | 74% | 81% | 82% | 77% | 83% | 80% | 82% | 79% |
| 166 | 124% | 110% | 106% | 97% | 107% | 104% | 116% | 116% |
| Batch I.D. | 0112-05 | 0112-07 | 0113-01 | 0113-03 | 0113-06 | 0113-08 | 0114-01 | 0114-03 |
| Sample I.D. | 6205018P 05242009 | 6209414P 05222009 | 62062160 3092009 | 62072140 3082009 | 62056160 3082009 | 6209614P 05162009 | 6201614 | 6203212 |
| Deployment Date | 3/2/2009 | 2/14/2009 | 12/5/2008 | 12/18/200 | 12/14/200 | 2/14/2009 | 9/11/2008 | 9/28/2008 |
| Collection Date | 5/24/2009 | 5/22/2009 | 3/9/2009 | 3/8/2009 | 3/8/2009 | 5/16/2009 | 12/23/200 | 1/10/2009 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 6.8 | 5.8 | 16.9 | 66.8 | 11.6 | 6.2 | 7.39 | 5.5 |
| 2 | 1.3 | 1.0 | 2.5 | 22.0 | 2.5 | 1.3 | 48.62 | 0.8 |
| 3 | 80.1 | 29.3 | 105.3 | 169.9 | 42.3 | 26.8 | | 50.7 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 96.7 | 27.1 | 44.3 | 85.9 | 15.6 | 19.3 | 134.97 | 231.8 |
| 5 | 0.7 | | 0.9 | 13.3 | | | | |
| 6 | 12.1 | 6.3 | 9.9 | 80.0 | 4.7 | 4.5 | 15.48 | 21.3 |
| 7 | 2.4 | 1.4 | 2.3 | 20.7 | 1.6 | 1.0 | 2.30 | 3.3 |
| 8 | 53.7 | 23.9 | 40.9 | 319.8 | 18.5 | 16.3 | 62.04 | 83.1 |
| 9 | 2.9 | 1.9 | 3.3 | 25.0 | 2.3 | 1.3 | 2.96 | 3.8 |
| 10 | 3.5 | 1.0 | 1.8 | 5.2 | 0.8 | 0.8 | 4.60 | 7.6 |
| 11 | 22.3 | 26.8 | 12.1 | 17.4 | 17.7 | 32.0 | | 45.5 |
| 12/13 | 1.1 | 1.0 | 1.8 | 39.8 | 1.1 | 0.9 | 48.08 | 1.6 |
| 15 | 5.1 | 3.4 | 6.7 | 121.3 | 3.1 | 2.4 | 5.68 | 6.5 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 19.8 | 8.8 | 18.6 | 124.8 | 5.4 | 5.6 | 17.95 | 24.9 |
| 17 | 25.5 | 9.5 | 20.5 | 120.0 | 6.5 | 6.9 | 32.70 | 48.4 |
| 18/30 | 61.3 | 23.3 | 46.8 | 245.7 | 14.3 | 15.0 | 71.94 | 108.0 |
| 19 | 11.1 | 3.5 | 6.6 | 27.8 | 2.0 | 2.2 | 12.46 | 23.7 |
| 20/28 | 15.9 | 10.5 | 29.4 | 254.0 | 10.1 | 8.2 | 26.56 | 27.8 |
| 21/33 | 9.7 | 6.7 | 19.1 | 163.3 | 6.1 | 4.9 | 14.51 | 15.7 |
| 22 | 4.5 | 3.2 | 9.8 | 87.9 | 3.2 | 2.6 | 6.64 | 8.8 |
| 23 | | | | 0.4 | | | | |
| 24 | | | | | | | | |
| 25 | 1.2 | 0.9 | 2.2 | 19.8 | 0.8 | 0.6 | 2.25 | 2.2 |
| 26/29 | 3.6 | 2.4 | 6.2 | 46.9 | 1.9 | 1.7 | 4.37 | 6.2 |
| 27 | 2.4 | 1.2 | 2.5 | 17.6 | 0.8 | 0.8 | 3.42 | 5.3 |
| 31 | 17.9 | 14.3 | 28.6 | 203.2 | 9.7 | 8.4 | 23.62 | 25.0 |
| 32 | 10.9 | 4.9 | 11.0 | 72.1 | 3.3 | 3.3 | 12.78 | 18.4 |
| 34 | 0.1 | | | 1.0 | | | | |
| 35 | 0.2 | 0.2 | 0.3 | 1.4 | 0.2 | 0.2 | | |
| 36 | 0.7 | | | 0.4 | | 0.3 | | |
| 37 | 1.0 | 1.1 | 3.3 | 31.5 | 1.2 | 1.1 | | 3.0 |
| 28 | | | | 0.1 | | 0.1 | | |

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|---|---|---|---|---|---|---|---|---|
| 39 | | | | 0.3 | | | 22.04 | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 3.9 | 6.1 | 5.5 | 22.3 | 1.6 | 1.4 | | 7.6 |
| 42 | 2.5 | 3.8 | 2.6 | 11.2 | 0.7 | 0.7 | | 3.2 |
| 43/73 | 0.6 | | 0.4 | 1.9 | | | | |
| 44/47/65 | 24.4 | 45.4 | 12.7 | 38.4 | 4.5 | 7.0 | 22.42 | 19.3 |
| 45 | 2.3 | 2.0 | 1.8 | 7.3 | 0.5 | 0.6 | 7.14 | 6.8 |
| 46 | 1.2 | 1.4 | 1.1 | 4.8 | 0.3 | 0.3 | | |
| 48 | 2.3 | 2.9 | 2.9 | 12.8 | 0.8 | 0.7 | 9.81 | 3.5 |
| 49/69 | 14.1 | 27.3 | 7.8 | 26.4 | 2.5 | 4.0 | 11.73 | 9.9 |
| 50/53 | 4.5 | 8.4 | 2.8 | 10.1 | 0.9 | 1.4 | 6.22 | 5.0 |
| 52 | 69.3 | 161.3 | 23.4 | 45.2 | 9.8 | 20.4 | 53.42 | 38.6 |
| 54 | | | | 0.2 | | | | |
| 55 | | | | | | | | |
| 56 | 1.5 | 2.1 | 2.0 | 8.0 | 0.6 | 0.6 | 3.63 | |
| 57 | | | | 0.3 | | | | |
| 58 | | | | | | | | |
| 59/62/75 | 0.6 | 0.8 | 1.0 | 4.4 | 0.2 | 0.2 | | 0.8 |
| 60 | 0.7 | 1.0 | 1.2 | 5.6 | 0.2 | 0.3 | | |
| 61/70/74/76 | 15.4 | 23.8 | 10.5 | 32.6 | 3.8 | 4.0 | 18.82 | 8.5 |
| 63 | | 0.4 | 0.3 | 0.9 | | | | |
| 64 | 5.8 | 10.3 | 4.3 | 14.6 | 1.4 | 1.7 | 7.21 | 6.0 |
| 66 | 4.0 | 5.6 | 4.5 | 19.8 | 1.5 | 1.4 | 7.49 | 2.5 |
| 67 | | | 0.2 | 1.1 | | | | |
| 68 | 0.2 | | | 0.1 | | | | |
| 72 | | | | | | | | |
| 77 | | | 0.3 | 0.5 | | | | |
| 78 | | | | | | | | |
| 79 | | | | | | | | |
| 80 | | | | | | | | |
| 81 | | | | | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | 0.6 | 1.3 | 0.4 | 0.5 | | 1.0 | | |
| 83/99 | 2.9 | 4.8 | 2.3 | 2.8 | 1.2 | 1.3 | 24.74 | 1.9 |
| 84 | 7.0 | 15.2 | 2.5 | 2.0 | 1.1 | 1.5 | 11.96 | 2.3 |
| 85/116/117 | 1.1 | 1.6 | 0.8 | 1.0 | 0.6 | 0.2 | | 1.0 |
| 86/87/97/109/119/12 | 5.1 | 9.4 | 2.9 | 3.1 | 1.6 | 1.5 | 27.97 | 3.2 |
| 88/91 | 1.8 | 3.6 | 1.2 | 1.2 | 0.6 | 0.7 | 7.35 | 1.3 |
| 89 | | | | | | | | |
| 90/101/113 | 13.7 | 25.2 | 5.4 | 5.2 | 2.8 | 3.0 | 46.48 | 6.0 |
| 92 | 2.9 | 5.2 | 1.0 | 0.9 | 0.5 | 0.6 | 10.34 | 1.3 |
| 93/100 | | | | | | | | |
| 94 | | | | | | | | |
| 95 | 31.3 | 67.6 | 8.8 | 6.9 | 3.9 | 6.7 | 53.67 | 10.1 |
| 96 | 0.4 | 1.2 | 0.1 | 0.2 | | 0.1 | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 98/102 | 0.6 | 0.9 | 0.3 | 0.4 | | | | |
| 103 | | 0.4 | | | | | | |
| 104 | | | | | | | | |
| 105 | 0.4 | 0.8 | 0.4 | 0.7 | 0.3 | 0.2 | 6.79 | 0.9 |
| 106 | | | | | | | | |
| 107/123 | | 0.5 | | | | | | |
| 108/124 | | | | | | | | |
| 110/115 | 3.2 | 6.4 | | 3.9 | 2.1 | 1.7 | 38.08 | 4.2 |
| 111 | | | | | | | | |
| 112 | | | | | | | | 0.5 |
| 114 | | | 3.6 | | | | | |
| 118 | 1.5 | 3.1 | 1.1 | 1.8 | 0.9 | | 16.83 | 2.2 |
| 120 | | | | | | | | |
| 121 | | | | | | | | |
| 122 | | | | | | | | |
| 126 | 0.8 | 0.5 | 0.6 | 0.5 | 0.4 | 0.5 | | |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 0.5 | 1.4 | 3.7 | 4.0 | | | | 2.9 |
| 130 | | | | | | | | |
| 131 | | | | | | | | |
| 132 | 0.5 | 1.3 | 1.4 | 1.4 | 0.7 | 0.4 | | |
| 133 | | | | | | | | |
| 134/143 | | | | | | | | |
| 135/151 | 1.0 | 2.8 | 2.8 | 1.8 | 0.8 | 0.8 | 4.55 | |
| 136 | 1.2 | 3.3 | 1.6 | 1.1 | 0.6 | 0.7 | | |
| 137/164 | | | 0.3 | 0.4 | 1.4 | | | |
| 139/140 | | | | | | | | |
| 141 | | 0.5 | 1.1 | 0.9 | 0.2 | | | |
| 142 | | | 6.8 | 4.7 | 2.4 | 1.8 | | |
| 144 | | 0.5 | 0.5 | 0.4 | | | | |
| 145 | | | | | | | | |
| 146 | | | 0.7 | 0.6 | | | | |
| 147/149 | 1.7 | 4.8 | | | | | 7.83 | 2.3 |
| 148 | | | | | | | | |
| 150 | | | | | | | | |
| 152 | | | | | | | | |
| 153/168 | 0.5 | 1.7 | 4.3 | 3.2 | 1.2 | 0.8 | | 2.5 |
| 154 | | | | | | | | |
| 155 | | | | | | | | |
| 156/157 | 2.2 | 2.2 | 2.4 | 2.3 | 1.8 | 1.6 | | |
| 158 | | | 0.4 | 0.4 | | | | |
| 159 | | | | | | | | |
| 160 | | | | | | | | |
| 161 | | | | | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 162 | | | | | | |
| 165 | | | | | | |
| 167 | | | | | | |
| 169 | | | | | | |
| Heptachlorobiphenyl | | | | | | |
| 170 | 0.4 | 2.6 | | | | |
| 171/173 | 0.5 | 0.5 | | | | |
| 172 | | 0.3 | | | | |
| 174 | 1.3 | 1.5 | | | | |
| 175 | | | | | | |
| 176 | 0.4 | | | | | |
| 177 | 0.6 | 1.0 | | | | |
| 178 | | | | | | |
| 179 | 1.2 | 0.5 | | | | |
| 180/193 | 1.8 | 5.4 | | | | 1.4 |
| 181 | | | | | | |
| 182 | | | | | | |
| 183/185 | | 1.0 | | | | |
| 184 | 1.8 | | | | | |
| 186 | | | | | | |
| 187 | 2.7 | 1.5 | | | | |
| 188 | | | | | | |
| 189 | | | | | | |
| 190 | | 0.7 | | | | |
| 191 | | | | | | |
| 192 | | | | | | |
| Octachlorobiphenyls | | | | | | |
| 194 | | 2.2 | | | | |
| 195 | | 0.8 | | | | |
| 196 | 0.3 | 0.9 | | | | |
| 197 | | | | | | |
| 198/199 | 1.1 | 1.6 | | | | |
| 200 | | | | | | |
| 201 | 0.3 | | | | | |
| 202 | 0.9 | | | | | |
| 203 | 0.8 | 1.1 | | | | |
| 205 | | | | | | |
| Nonachlorobiphenyls | | | | | | |
| 206 | | | | | | |
| 207 | | | | | | |
| 208 | | | | | | |
| Decachlorobiphenyls | | | | | | |
| 209 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Recoveries | | | | | | | | |
| 14 | 78% | 74% | 91% | 88% | 101% | 125% | 92% | 90% |
| d-65/65 | 75% | 74% | 100% | 98% | 117% | 141% | 90% | 96% |
| 166 | 110% | 113% | 96% | 95% | 116% | 130% | 106% | 96% |
| Batch I.D. | 0114-05 | 0114-07 | 0114-09 | 0115-01 | 0115-03 | 0115-05 | 0115-07 | 0116-02 |
| Sample I.D. | 6203614 | 6206414 | 6207212 | 6207812 | 6208212 | 6209012 | 6200114 | 6203218P P0926200 |
| Deployment Date | 9/16/2008 | 9/12/2008 | 9/15/2008 | 10/10/200 | 9/25/2008 | 10/11/200 | 8/9/2008 | 7/7/2009 |
| Collection Date | 12/16/200 | 12/15/200 | 12/18/200 | 1/15/2009 | 1/9/2009 | 1/11/2009 | 11/14/200 | 9/26/2009 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 4.3 | 12.1 | 53.0 | 31.7 | 13.9 | 8.2 | 6.7 | 2.6 |
| 2 | 0.9 | 1.9 | 24.9 | 10.6 | 3.6 | 1.4 | 0.9 | 0.8 |
| 3 | 32.5 | 79.5 | 207.1 | 102.7 | 68.2 | 63.0 | 42.3 | 37.6 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 106.8 | 225.1 | 272.2 | 136.7 | 188.2 | 230.8 | 183.3 | 84.6 |
| 5 | | | 23.1 | | | | | |
| 6 | 12.2 | 27.3 | 156.2 | 37.9 | 29.2 | 29.5 | 23.0 | 10.9 |
| 7 | 2.9 | | 33.3 | 9.9 | 4.9 | 4.3 | 3.8 | 1.7 |
| 8 | 49.0 | 116.1 | 633.1 | 153.4 | 124.6 | 126.9 | 95.1 | 45.6 |
| 9 | 6.2 | | 40.8 | 11.6 | 5.9 | 5.1 | 5.9 | 2.3 |
| 10 | 4.5 | | 12.0 | 5.5 | 6.3 | 8.3 | 6.3 | 3.0 |
| 11 | 35.8 | 32.1 | 45.0 | 22.4 | 40.0 | 47.3 | 38.2 | 46.6 |
| 12/13 | 1.7 | 10.1 | 326.0 | 11.3 | 3.8 | 3.1 | 1.4 | 2.1 |
| 15 | 5.5 | 2.1 | | 32.0 | 15.2 | 13.9 | 10.9 | 6.4 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 16.2 | 35.1 | 272.7 | 31.3 | 38.6 | 38.2 | 31.6 | 16.0 |
| 17 | 29.0 | 63.4 | 319.7 | 51.1 | 62.7 | 69.6 | 54.9 | 25.8 |
| 18/30 | 63.7 | 127.5 | 655.9 | 101.4 | 136.1 | 150.5 | 118.1 | 56.1 |
| 19 | 11.6 | 20.6 | 76.1 | 14.6 | 22.0 | 25.5 | 22.8 | 9.9 |
| 20/28 | 26.0 | 38.5 | 697.2 | 68.5 | 53.0 | 49.9 | 45.5 | 24.9 |
| 21/33 | 14.0 | 26.2 | 443.4 | 41.6 | 31.7 | 29.2 | 24.2 | 15.8 |
| 22 | 7.5 | | 252.1 | 21.7 | 16.5 | 13.5 | 12.4 | 8.4 |
| 23 | | | 1.0 | | | | | |
| 24 | | | | | | | | |
| 25 | 1.8 | | 51.9 | 5.5 | 3.8 | 3.5 | 3.2 | 1.7 |
| 26/29 | 5.5 | | 124.2 | 13.0 | 11.3 | 11.3 | 9.4 | 5.4 |
| 27 | 3.0 | | 48.0 | 6.1 | 7.6 | 8.2 | 6.9 | 3.2 |
| 31 | 23.8 | 40.6 | 546.6 | 55.2 | 49.3 | 47.2 | 40.5 | 24.2 |
| 32 | 12.1 | 24.1 | 193.8 | 23.4 | 27.8 | 28.3 | 24.3 | 12.0 |
| 34 | | | 2.6 | | | | | |
| 35 | | | 4.0 | | | | | |
| 36 | | | | | | | | |
| 37 | 2.4 | | 95.4 | 6.7 | 5.6 | 3.8 | 3.7 | 3.2 |
| 28 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 39 | | | | | | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 6.4 | | 108.2 | 5.9 | 7.5 | 7.0 | 5.8 | 7.2 |
| 42 | 3.1 | | 56.7 | 14.8 | 15.8 | 15.4 | 13.1 | 3.3 |
| 43/73 | | | 7.1 | | | | | |
| 44/47/65 | 15.4 | 25.1 | 179.4 | 19.1 | 26.6 | 27.0 | 22.2 | 18.3 |
| 45 | 5.5 | | 69.9 | 7.0 | 8.7 | 10.6 | 8.4 | 5.0 |
| 46 | 1.6 | | 22.3 | 2.1 | 2.4 | 2.8 | 2.2 | 1.5 |
| 48 | 3.3 | | 58.5 | 4.1 | 5.7 | 5.7 | 4.9 | 3.2 |
| 49/69 | 9.3 | 16.9 | 122.7 | 12.4 | 16.3 | 15.4 | 15.0 | 10.2 |
| 50/53 | 3.7 | | 46.8 | 4.8 | 7.0 | 7.4 | 7.0 | 3.8 |
| 52 | 36.5 | 80.9 | 240.1 | 38.8 | 57.2 | 55.1 | 53.5 | 37.6 |
| 54 | | | | | | | | |
| 55 | | | | | | | | |
| 56 | 2.3 | | 40.6 | 1.6 | 4.9 | 3.4 | 2.7 | 1.5 |
| 57 | | | | | | | | |
| 58 | | | | | | | | |
| 59/62/75 | 1.2 | | 22.1 | 1.6 | 2.0 | 2.0 | | 1.0 |
| 60 | 1.4 | | 28.3 | 1.6 | 2.8 | 1.9 | 1.7 | 0.9 |
| 61/70/74/76 | 12.9 | 22.2 | 160.1 | 14.5 | 23.4 | 19.2 | 14.9 | 12.0 |
| 63 | | | 5.2 | | | | | |
| 64 | 4.8 | | 71.4 | 6.9 | 8.9 | 7.8 | 7.0 | 5.6 |
| 66 | 5.0 | | 103.2 | 7.6 | 10.5 | 8.0 | 6.2 | 3.9 |
| 67 | | | 5.3 | | | | | |
| 68 | | | | | | | | |
| 72 | | | | | | | | |
| 77 | | | 1.8 | | | | | |
| 78 | | | | | | | | |
| 79 | | | | | | | | |
| 80 | | | | | | | | |
| 81 | | | | | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | | | 2.4 | | | | | |
| 83/99 | 4.3 | | 12.8 | 4.9 | 6.8 | 6.5 | 6.0 | 4.7 |
| 84 | 3.2 | | 9.1 | 3.2 | 5.6 | 5.1 | 4.8 | 4.2 |
| 85/116/117 | | | 3.1 | 9.2 | 13.3 | 10.2 | 10.3 | |
| 86/87/97/109/119/12 | 4.6 | | 15.4 | 5.2 | 7.8 | 7.4 | 6.9 | 5.3 |
| 88/91 | 1.8 | | 6.1 | 1.9 | 2.9 | 2.5 | 2.5 | 1.9 |
| 89 | | | | | | | | |
| 90/101/113 | 8.5 | 22.8 | 24.3 | 8.9 | 13.4 | 13.1 | 12.2 | 9.7 |
| 92 | | | | 1.9 | 2.4 | | 2.2 | 1.7 |
| 93/100 | | | | | | | | |
| 94 | | | | | | | | |
| 95 | 12.3 | 28.4 | 32.8 | 11.8 | 18.6 | 18.0 | 16.9 | 14.5 |
| 96 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 98/102 | | | 2.2 | | | | | |
| 103 | | | | | | | | |
| 104 | | | | | | | | |
| 105 | | | 2.7 | 1.0 | 1.5 | | 0.8 | |
| 106 | | | | | | | | |
| 107/123 | | | | | | | | |
| 108/124 | | | | | | | | |
| 110/115 | 6.6 | 11.0 | 18.3 | | | | | 6.4 |
| 111 | | | | | | | | |
| 112 | | | | | | | | |
| 114 | | | | | | | | |
| 118 | 2.6 | | 8.3 | 3.3 | 4.8 | 3.7 | 3.2 | 2.0 |
| 120 | | | | | | | | |
| 121 | | | | | | | | |
| 122 | | | | | | | | |
| 126 | | | | | | | | |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 1.8 | | 9.7 | 2.5 | 3.2 | 2.8 | 2.0 | 1.2 |
| 130 | | | | | | | | |
| 131 | | | | | | | | |
| 132 | | | 3.5 | | 1.7 | 1.9 | | |
| 133 | | | | | | | | |
| 134/143 | | | | | | | | |
| 135/151 | | | 5.2 | | 2.4 | 1.9 | 1.9 | 1.1 |
| 136 | | | 3.0 | | 1.6 | 1.8 | 1.4 | 0.8 |
| 137/164 | | | | | | | | |
| 139/140 | | | | | | | | |
| 141 | | | 1.8 | | | | | |
| 142 | | | | | | | | |
| 144 | | | | | | | | |
| 145 | | | | | | | | |
| 146 | | | 1.9 | | | | | |
| 147/149 | 2.2 | | 9.8 | 2.6 | 4.8 | 4.9 | 3.0 | 2.6 |
| 148 | | | | | | | | |
| 150 | | | | | | | | |
| 152 | | | | | | | | |
| 153/168 | 1.6 | | 7.9 | 2.1 | 3.5 | 2.3 | 1.8 | 0.9 |
| 154 | | | | | | | | |
| 155 | | | | | | | | |
| 156/157 | | | | | | | | |
| 158 | | | | | | | | |
| 159 | | | | | | | | |
| 160 | | | | | | | | |
| 161 | | | | | | | | |

| | | |
|---|---|---|
| 162 | | |
| 165 | | |
| 167 | | |
| 169 | | |
| Heptachlorobiphenyl | | |
| 170 | 6.3 | |
| 171/173 | | |
| 172 | | |
| 174 | 3.9 | |
| 175 | | |
| 176 | | |
| 177 | | |
| 178 | | |
| 179 | 1.4 | 0.8 |
| 180/193 | 12.5 | 0.8 |
| 181 | | |
| 182 | | |
| 183/185 | | |
| 184 | | |
| 186 | | |
| 187 | 1.8 | 0.9 |
| 188 | | |
| 189 | | |
| 190 | 1.6 | |
| 191 | | |
| 192 | | |
| Octachlorobiphenyls | | |
| 194 | 3.7 | |
| 195 | 1.8 | |
| 196 | 2.1 | |
| 197 | | |
| 198/199 | 3.8 | |
| 200 | | |
| 201 | | |
| 202 | | |
| 203 | 2.1 | |
| 205 | | |
| Nonachlorobiphenyls | | |
| 206 | | |
| 207 | | |
| 208 | | |
| Decachlorobiphenyls | | |
| 209 | | |

| Recoveries | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 14 | 95% | 6% | 94% | 89% | 94% | 87% | 81% | 84% |
| d-65/65 | 103% | 7% | 99% | 97% | 105% | 93% | 86% | 94% |
| 166 | 103% | 7% | 104% | 87% | 95% | 83% | 79% | 95% |

| Batch I.D. | 0116-04 | 0116-06 | 0116-08 | 0117-01 | 0117-03 | 0117-05 | 0117-07 | 0117-10 |
|---|---|---|---|---|---|---|---|---|
| Sample I.D. | 6204211Y R2P09282 | 6205211P 09302009 | 6205411P 09142009 | 6205611P 09102009 | 6206211P 09222009 | 6206811P 08142009 | 6207011P P0930200 | 6207218P 09282009 |
| Deployment Date | 6/28/2009 | 7/11/2009 | 6/4/2009 | 6/5/2009 | 7/18/2009 | 7/20/2009 | 6/27/2009 | 7/11/2009 |
| Collection Date | 9/28/2009 | 9/30/2009 | 9/14/2009 | 9/10/2009 | 9/22/2009 | 8/14/2009 | 9/30/2009 | 9/28/2009 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 2.5 | 3.2 | 2.5 | 3.0 | 9.9 | 4.9 | 6.5 | 15.7 |
| 2 | 0.6 | 0.9 | 0.5 | 0.7 | 1.4 | 1.5 | 1.6 | 8.9 |
| 3 | 26.0 | 23.8 | 17.0 | 19.6 | 54.9 | 34.0 | 39.8 | 77.4 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 50.4 | 49.6 | 39.7 | 38.3 | 102.2 | 71.2 | 65.2 | 57.8 |
| 5 | 0.4 | | | | | | | 4.9 |
| 6 | 6.3 | 7.1 | 5.9 | 4.6 | 19.0 | 9.0 | 8.2 | 32.6 |
| 7 | 1.1 | 1.4 | 1.2 | 0.9 | 3.6 | 1.6 | 1.7 | 8.5 |
| 8 | 26.0 | 29.6 | 22.1 | 19.0 | 81.0 | 38.2 | 34.3 | 136.8 |
| 9 | 1.6 | 1.9 | 1.7 | 1.2 | 4.9 | 2.0 | 1.9 | 9.8 |
| 10 | 1.7 | 1.8 | 1.2 | 1.1 | 2.9 | 2.2 | 2.4 | 2.3 |
| 11 | 44.2 | 49.5 | 52.6 | 33.7 | 42.7 | 48.7 | 33.0 | 37.2 |
| 12/13 | 1.5 | 2.0 | 1.9 | 0.9 | 3.4 | 1.3 | 1.2 | 16.0 |
| 15 | 4.2 | 5.6 | 4.6 | 3.6 | 15.0 | 6.9 | 4.3 | 49.8 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 9.0 | 10.2 | 7.6 | 7.4 | 36.3 | 18.0 | 12.4 | 37.5 |
| 17 | 13.7 | 15.2 | 11.0 | 8.8 | 42.6 | 20.4 | 14.8 | 40.1 |
| 18/30 | 31.6 | 35.5 | 24.1 | 20.1 | 93.3 | 46.2 | 33.2 | 79.1 |
| 19 | 5.6 | 6.0 | 4.2 | 3.9 | 14.1 | 8.8 | 7.1 | 9.3 |
| 20/28 | 17.6 | 19.9 | 16.5 | 11.6 | 56.8 | 23.6 | 14.1 | 84.0 |
| 21/33 | 11.1 | 13.0 | 10.3 | 7.9 | 37.9 | 16.4 | 8.5 | 56.4 |
| 22 | 5.8 | 6.8 | 5.6 | 4.5 | 19.9 | 8.6 | 4.6 | 29.7 |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | 1.2 | 1.3 | 1.2 | 1.1 | 4.5 | 1.9 | 1.2 | 7.1 |
| 26/29 | 3.3 | 4.0 | 3.3 | 2.9 | 12.2 | 4.3 | 2.8 | 15.6 |
| 27 | 1.6 | 2.0 | 1.5 | 1.1 | 5.4 | 2.4 | 1.7 | 5.9 |
| 31 | 17.8 | 20.6 | 16.2 | 12.3 | 59.5 | 25.0 | 14.4 | 71.2 |
| 32 | 7.1 | 8.6 | 6.1 | 4.1 | 22.2 | 10.2 | 7.0 | 22.8 |
| 34 | | | | | | | | |
| 35 | | | | | | 0.8 | | 0.9 |
| 36 | | 0.6 | | | | | | |
| 37 | 2.3 | 2.7 | 2.5 | 1.8 | 6.9 | 3.9 | 2.4 | 11.7 |
| 28 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 39 | | | | | | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 5.8 | 7.9 | 4.8 | 4.7 | 17.7 | 7.4 | 3.5 | 11.9 |
| 42 | 2.8 | 4.1 | 2.4 | 2.0 | 8.1 | 4.2 | | 5.7 |
| 43/73 | | | | | | | | |
| 44/47/65 | 15.9 | 26.2 | 16.0 | 15.0 | 42.6 | 28.9 | 10.5 | 24.9 |
| 45 | 4.0 | 5.1 | 3.3 | 2.2 | 11.8 | 4.2 | 2.1 | 7.9 |
| 46 | 1.1 | | 43.3 | | 3.6 | | | 2.0 |
| 48 | 2.7 | 3.4 | 2.1 | 1.8 | 8.5 | 3.2 | | 6.4 |
| 49/69 | 8.3 | 14.8 | 8.8 | 8.6 | 23.3 | 17.5 | 6.7 | 14.1 |
| 50/53 | 2.5 | 3.7 | 2.9 | 2.1 | 9.5 | 4.8 | 2.1 | 4.3 |
| 52 | 31.0 | 66.7 | | 39.7 | 70.8 | 74.5 | 25.9 | 36.2 |
| 54 | | | | | | | | |
| 55 | | | | | | | | |
| 56 | 2.6 | 2.9 | 2.0 | 1.9 | 6.4 | 4.1 | 1.9 | 4.9 |
| 57 | | | | | | | | |
| 58 | | | | | | | | |
| 59/62/75 | | | 0.7 | | 2.8 | 1.4 | | 2.0 |
| 60 | 1.4 | 1.8 | 0.8 | | 3.6 | 2.1 | | 2.9 |
| 61/70/74/76 | 15.4 | 23.2 | 12.8 | 13.2 | 34.8 | 30.3 | 12.2 | 21.5 |
| 63 | | | | | | | | |
| 64 | 4.9 | 7.7 | 4.6 | 5.2 | 13.5 | 9.2 | 3.3 | 9.3 |
| 66 | 5.8 | 7.8 | 4.6 | 4.1 | 14.9 | 8.7 | 4.3 | 10.5 |
| 67 | | | | | | | | |
| 68 | | | | | | | | |
| 72 | | | | | | | | |
| 77 | | | | | | | | |
| 78 | | | | | | | | |
| 79 | | | | | | | | |
| 80 | | | | | | | | |
| 81 | | | | | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | | | | | | 1.8 | | |
| 83/99 | 5.0 | 10.7 | 4.8 | 4.9 | 9.3 | 12.9 | 5.9 | 3.7 |
| 84 | 4.2 | 9.3 | 3.7 | 4.7 | 7.4 | 11.0 | 4.1 | 3.4 |
| 85/116/117 | 1.5 | | 1.3 | 1.6 | 3.2 | 3.6 | 2.1 | 1.2 |
| 86/87/97/109/119/12 | 6.8 | 12.1 | 4.8 | 1.9 | 2.9 | 14.4 | 5.4 | 4.9 |
| 88/91 | 2.2 | 4.9 | 2.3 | 2.6 | 4.0 | 5.4 | 2.0 | 1.6 |
| 89 | | | | | | | | |
| 90/101/113 | 14.4 | 22.7 | 9.6 | 10.8 | 20.0 | 27.1 | 12.2 | 8.3 |
| 92 | 2.4 | 4.2 | 1.9 | 2.2 | 4.0 | 5.6 | 2.3 | 1.7 |
| 93/100 | | | | | | | | |
| 94 | | | | | | | | |
| 95 | 16.5 | 35.4 | 15.4 | 18.3 | 28.4 | 43.7 | 13.8 | 12.6 |
| 96 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 98/102 | 0.6 | | | | | 1.3 | | |
| 103 | | | | | | | | |
| 104 | | | | | | | | |
| 105 | 1.1 | 1.4 | | | 1.3 | 1.7 | 1.4 | |
| 106 | | | | | | | | |
| 107/123 | | | | | | | | |
| 108/124 | | | | | | | | |
| 110/115 | 9.3 | 14.5 | 5.8 | 6.8 | 12.1 | 17.2 | 9.6 | 5.5 |
| 111 | | | | | | | | |
| 112 | | | | | | | 1.7 | |
| 114 | | | | | | | | |
| 118 | 4.0 | 4.7 | 1.7 | 2.5 | 4.2 | 6.1 | 4.6 | 1.7 |
| 120 | | | | | | | | |
| 121 | | | | | | | | |
| 122 | | | | | | | | |
| 126 | | | | | | | | |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 5.5 | 3.1 | | 1.6 | 6.1 | 3.2 | 2.9 | 1.6 |
| 130 | | | | | | | | |
| 131 | | | | | | | | |
| 132 | 2.7 | 1.8 | | | 2.7 | 3.1 | 1.7 | |
| 133 | | | | | | | | |
| 134/143 | | | | | | | | |
| 135/151 | 4.4 | 3.2 | | | 3.5 | 3.8 | 1.8 | 1.9 |
| 136 | 1.5 | 2.2 | | 1.3 | 1.9 | 2.4 | 1.2 | 1.0 |
| 137/164 | | | | | | | | |
| 139/140 | | | | | | | | |
| 141 | | | | | 1.4 | | | |
| 142 | | | | | | | | |
| 144 | | | | | | | | |
| 145 | | | | | | | | |
| 146 | | | | | | | | |
| 147/149 | 7.9 | 6.0 | 1.8 | 2.6 | 8.0 | 7.1 | 3.3 | 3.3 |
| 148 | | | | | | | | |
| 150 | | | | | | | | |
| 152 | | | | | | | | |
| 153/168 | 5.8 | 3.5 | | 1.7 | 5.9 | 3.3 | 3.1 | 2.2 |
| 154 | | | | | | | | |
| 155 | | | | | | | | |
| 156/157 | | | | | | | | |
| 158 | | | | | | | | |
| 159 | | | | | | | | |
| 160 | | | | | | | | |
| 161 | | | | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| 162 | | | | | |
| 165 | | | | | |
| 167 | | | | | |
| 169 | | | | | |
| Heptachlorobiphenyl | | | | | |
| 170 | | | | | |
| 171/173 | | | | | |
| 172 | | | | | |
| 174 | | | | | 2.0 |
| 175 | | | | | |
| 176 | | | | | |
| 177 | | | | | |
| 178 | | | | | |
| 179 | 0.7 | 0.8 | | | 1.8 |
| 180/193 | 0.7 | 0.9 | | | 2.8 |
| 181 | | | | | |
| 182 | | | | | |
| 183/185 | | | | | 2.2 |
| 184 | | | | | |
| 186 | | | | | |
| 187 | 1.0 | 1.4 | | | 3.7 |
| 188 | | | | | |
| 189 | | | | | |
| 190 | | | | | |
| 191 | | | | | |
| 192 | | | | | |
| Octachlorobiphenyls | | | | | |
| 194 | | | | | |
| 195 | | | | | |
| 196 | | | | | |
| 197 | | | | | |
| 198/199 | | | | | 2.0 |
| 200 | | | | | |
| 201 | | | | | |
| 202 | | | | | 1.5 |
| 203 | | | | | |
| 205 | | | | | |
| Nonachlorobiphenyls | | | | | |
| 206 | | | | | |
| 207 | | | | | |
| 208 | | | | | |
| Decachlorobiphenyls | | | | | |
| 209 | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Recoveries** | | | | | | | | |
| 14 | 78% | 75% | 70% | 79% | 86% | 82% | 71% | 77% |
| d-65/65 | 81% | 79% | 78% | 90% | 90% | 91% | 85% | 87% |
| 166 | 89% | 84% | 84% | 89% | 88% | 86% | 83% | 76% |
| Batch I.D. | 0118-01 | 0118-03 | 0118-05 | 0118-07 | 0119-01 | 0119-03 | 0119-05 | 0119-07 |
| Sample I.D. | 6207416P 09292009 | 6208018P 10012009 | 6210214P 09212009 | 6202611P 09302009 | 6203211P 01182010 | 6203413P 11222009 | 6203613P 12162009 | 6203813P 01162010 |
| Deployment Date | 7/11/2009 | 7/7/2009 | 8/26/2009 | 8/15/2009 | 9/28/2009 | 8/25/2009 | 9/16/2009 | 8/25/2009 |
| Collection Date | 9/29/2009 | 10/1/2009 | 9/21/2009 | 9/30/2009 | 1/18/2010 | 11/22/200 | 12/16/200 | 1/16/2010 |
| **Monochlorobiphenyls** | | | | | | | | |
| 1 | 10.2 | 3.0 | 2.4 | 2.0 | 5.1 | 2.5 | 4.8 | 4.5 |
| 2 | 4.5 | 0.9 | 0.4 | 0.5 | 1.3 | 0.9 | 0.8 | 1.0 |
| 3 | 49.8 | 23.2 | 44.6 | 40.5 | 91.8 | 67.2 | 126.9 | 110.7 |
| **Dichlorobiphenyls** | | | | | | | | |
| 4 | 58.9 | 43.9 | 60.0 | 63.3 | 209.8 | 116.8 | 307.5 | 164.0 |
| 5 | 1.6 | 0.5 | | 0.3 | | | | |
| 6 | 14.4 | 6.0 | 6.8 | 8.9 | 28.3 | 16.9 | 42.3 | 25.4 |
| 7 | 3.6 | 1.4 | 1.2 | 1.5 | 3.8 | 2.4 | 5.5 | 3.5 |
| 8 | 58.6 | 25.8 | 28.4 | 35.9 | 117.1 | 71.8 | 182.4 | 108.7 |
| 9 | 4.2 | 1.7 | 1.1 | 1.7 | 4.2 | 2.7 | 6.1 | 3.5 |
| 10 | 1.9 | 1.6 | 0.9 | 1.9 | 6.5 | 3.4 | 9.4 | 5.3 |
| 11 | 44.3 | 35.5 | 15.0 | 20.4 | 33.1 | 22.1 | 48.5 | 27.4 |
| 12/13 | 5.0 | 1.2 | 0.7 | 1.5 | 2.2 | 1.7 | 3.4 | 2.6 |
| 15 | 15.9 | 4.4 | 3.3 | 6.2 | 14.9 | 9.8 | 26.4 | 15.2 |
| **Trichlorobiphenyls** | | | | | | | | |
| 16 | 19.3 | 11.2 | 11.2 | 12.6 | 52.2 | 30.9 | 87.7 | 48.9 |
| 17 | 20.9 | 11.6 | 13.9 | 17.0 | 66.3 | 43.2 | 106.9 | 67.7 |
| 18/30 | 47.5 | 28.0 | 33.9 | 37.2 | 156.6 | 94.6 | 262.5 | 148.2 |
| 19 | 7.8 | 5.2 | 6.8 | 7.5 | 29.6 | 17.0 | 47.6 | 24.7 |
| 20/28 | 34.8 | 14.3 | 11.1 | 13.2 | 48.3 | 29.4 | 87.2 | 47.7 |
| 21/33 | 22.5 | 9.8 | 6.8 | 8.3 | 29.3 | 16.1 | 48.0 | 26.4 |
| 22 | 11.7 | 5.4 | 3.1 | 4.5 | 12.7 | 7.2 | 22.2 | 11.5 |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | 2.7 | 1.2 | 1.1 | 1.0 | 3.3 | 2.1 | 5.3 | 3.2 |
| 26/29 | 7.2 | 3.1 | 2.7 | 3.0 | 10.3 | 6.6 | 18.8 | 10.5 |
| 27 | 2.9 | 1.7 | 1.7 | 2.2 | 7.1 | 4.2 | 12.7 | 7.3 |
| 31 | 32.3 | 15.4 | 11.6 | 13.2 | 45.4 | 28.6 | 81.8 | 45.8 |
| 32 | 11.7 | 6.3 | 6.5 | 7.3 | 28.4 | 17.0 | 49.1 | 28.0 |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | | | | | | | | |
| 37 | 5.2 | 1.8 | | 1.7 | 3.8 | 1.7 | 4.7 | 2.4 |
| 28 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 39 | | | | | | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 6.0 | 4.6 | 2.7 | 2.7 | 14.3 | 3.6 | 18.7 | 5.2 |
| 42 | 3.3 | 2.4 | 1.4 | 1.3 | 2.3 | 2.9 | 3.8 | 4.1 |
| 43/73 | | | | | | | | |
| 44/47/65 | 18.7 | 18.2 | 14.0 | 8.1 | 27.9 | 21.6 | 44.0 | 31.0 |
| 45 | 4.3 | 3.4 | 2.0 | 2.1 | 12.1 | 7.3 | 19.0 | 11.4 |
| 46 | 1.5 | | | | 3.4 | 1.9 | 4.8 | 2.8 |
| 48 | 3.6 | 1.8 | 1.5 | 1.3 | 6.0 | 3.6 | 10.3 | 5.0 |
| 49/69 | 10.5 | 8.2 | 7.7 | 4.4 | 17.7 | 12.6 | 27.6 | 18.1 |
| 50/53 | 3.2 | 2.5 | 1.7 | 1.9 | 9.7 | 5.9 | 16.1 | 9.4 |
| 52 | 32.9 | 34.6 | 33.8 | 14.3 | 54.5 | 52.6 | 88.0 | 76.8 |
| 54 | | | | | | | | |
| 55 | | | | | | | | |
| 56 | 3.0 | 1.0 | 1.5 | | 1.6 | 1.4 | 4.2 | 1.7 |
| 57 | | | | | | | | |
| 58 | | | | | | | | |
| 59/62/75 | 1.1 | | | | | | | |
| 60 | 0.9 | | | | | | 2.1 | |
| 61/70/74/76 | 16.2 | 13.1 | 12.7 | 5.5 | 12.6 | 11.7 | 26.4 | 14.1 |
| 63 | | | | | | | | |
| 64 | 5.6 | 4.7 | 3.6 | 2.1 | 8.6 | 5.8 | 12.8 | 7.2 |
| 66 | 7.5 | 4.4 | 3.4 | 2.2 | 4.6 | 3.5 | 10.4 | 4.6 |
| 67 | | | | | | | | |
| 68 | | | | | | | | |
| 72 | | | | | | | | |
| 77 | | | | | | | | |
| 78 | | | | | | | | |
| 79 | | | | | | | | |
| 80 | | | | | | | | |
| 81 | | | | | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | | | | | | | | |
| 83/99 | 5.2 | 6.0 | 6.4 | 1.5 | 3.5 | 4.6 | 7.3 | 2.5 |
| 84 | 4.7 | 4.5 | 5.5 | 1.7 | 4.3 | 5.3 | 7.2 | 6.1 |
| 85/116/117 | 1.8 | 1.6 | 1.7 | 0.8 | 1.3 | 1.2 | 2.4 | 1.5 |
| 86/87/97/109/119/12 | 6.9 | 6.8 | 5.2 | 2.1 | 3.9 | 5.7 | 7.6 | 4.8 |
| 88/91 | 2.0 | 2.4 | 3.0 | 1.0 | 2.2 | 2.4 | 3.2 | 2.8 |
| 89 | | | | | | | | |
| 90/101/113 | 12.6 | 12.5 | 13.7 | 4.1 | 7.4 | 11.7 | 14.8 | 10.3 |
| 92 | 2.5 | 2.1 | 2.7 | 0.9 | 1.8 | 2.3 | 3.3 | 2.1 |
| 93/100 | | | | | | | | |
| 94 | | | | | | | | |
| 95 | 15.2 | 17.4 | 19.8 | 6.8 | 15.3 | 21.0 | 26.2 | 23.0 |
| 96 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 98/102 | | | | | | | | |
| 103 | | | | | | | | |
| 104 | | | | | | | | |
| 105 | 1.1 | | 0.9 | | | | 1.2 | |
| 106 | | | | | | | | |
| 107/123 | | | | 2.1 | | | | |
| 108/124 | | | | | | | | |
| 110/115 | 9.0 | 7.3 | 7.8 | 2.5 | 4.6 | 5.8 | 8.2 | 5.0 |
| 111 | | | | | | | | |
| 112 | | | | 1.3 | | | | |
| 114 | | | | | | | | |
| 118 | 3.8 | 2.7 | 2.7 | 1.0 | 1.7 | 1.7 | 3.1 | 1.3 |
| 120 | | | | | | | | |
| 121 | | | | | | | | |
| 122 | | | | | | | | |
| 126 | | | | | | | | |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 2.7 | 1.9 | 1.3 | | | 1.6 | 2.0 | |
| 130 | | | | | | | | |
| 131 | | | | | | | | |
| 132 | 1.6 | | 1.3 | | | | | |
| 133 | | 2.4 | | | | | | |
| 134/143 | | | | | | | | |
| 135/151 | 2.2 | 1.6 | 1.6 | | | 2.5 | 1.9 | |
| 136 | 1.1 | 1.3 | 1.1 | | | 2.0 | 1.7 | 1.9 |
| 137/164 | | | | | | | | |
| 139/140 | | | | | | | | |
| 141 | | | | | | | | |
| 142 | | | | | 2.8 | 5.4 | 4.5 | 3.9 |
| 144 | | | | | | | | |
| 145 | | | | | | | | |
| 146 | | | | | | | | |
| 147/149 | 4.8 | 3.8 | 3.0 | 1.2 | | | | |
| 148 | | | | | | | | |
| 150 | | | | | | | | |
| 152 | | | | | | | | |
| 153/168 | 3.0 | 1.6 | 1.5 | | | 1.9 | 2.0 | |
| 154 | | | | | | | | |
| 155 | | | | | | | | |
| 156/157 | | | | | | | | |
| 158 | | | | | | | | |
| 159 | | | | | | | | |
| 160 | | | | | | | | |
| 161 | | | | | | | | |

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|---|
| 162 |
| 165 |
| 167 |
| 169 |
| Heptachlorobiphenyl |
| 170 |
| 171/173 |
| 172 |
| 174 |
| 175 |
| 176 |
| 177 |
| 178 |
| 179 |
| 180/193 |
| 181 |
| 182 |
| 183/185 |
| 184 |
| 186 |
| 187 |
| 188 |
| 189 |
| 190 |
| 191 |
| 192 |
| Octachlorobiphenyls |
| 194 |
| 195 |
| 196 |
| 197 |
| 198/199 |
| 200 |
| 201 |
| 202 |
| 203 |
| 205 |
| Nonachlorobiphenyls |
| 206 |
| 207 |
| 208 |
| Decachlorobiphenyls |
| 209 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Recoveries | | | | | | | | |
| 14 | 90% | 88% | 83% | 78% | 88% | 95% | 90% | 87% |
| d-65/65 | 96% | 98% | 91% | 91% | 81% | 101% | 89% | 88% |
| 166 | 84% | 87% | 93% | 89% | 78% | 101% | 89% | 88% |
| Batch I.D. | 0119-09 | 0120-01 | 0120-03 | 0120-05 | 0120-07 | | | |
| Sample I.D. | 6204013P1 2192009 | 6204213P 12122009 | 6204413P 12122009 | 6205213P 12312009 | 6205413P 12122009 | | | |
| Deployment Date | 8/31/2009 | 9/28/2009 | 8/31/2009 | 9/30/2009 | 9/29/2009 | | | |
| Collection Date | 12/19/2009 | 12/12/200 | 12/12/200 | 12/31/200 | 12/12/200 | | | |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 2.9 | 3.2 | 1.8 | 2.9 | 4.8 | | | |
| 2 | 1.3 | 0.7 | 0.6 | 54.6 | 1.0 | | | |
| 3 | 103.0 | 71.2 | 78.8 | 1.0 | 99.2 | | | |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 184.4 | 119.0 | 110.6 | 89.6 | 261.3 | | | |
| 5 | | | | | | | | |
| 6 | 28.2 | 14.8 | 13.1 | 10.8 | 36.5 | | | |
| 7 | 3.9 | 2.3 | 2.1 | 1.7 | 4.6 | | | |
| 8 | 119.7 | 61.4 | 55.5 | 45.9 | 157.2 | | | |
| 9 | 4.1 | 2.3 | 2.1 | 1.2 | 5.5 | | | |
| 10 | 6.0 | 3.8 | 3.3 | 2.7 | 8.0 | | | |
| 11 | 27.7 | 15.9 | 18.8 | 13.9 | 31.4 | | | |
| 12/13 | 2.8 | 1.1 | 1.1 | 0.8 | 3.0 | | | |
| 15 | 16.7 | 7.3 | 5.3 | 4.9 | 21.9 | | | |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 50.6 | 26.6 | 22.7 | 18.8 | 76.7 | | | |
| 17 | 70.1 | 35.8 | 32.6 | 27.0 | 96.4 | | | |
| 18/30 | 154.4 | 85.3 | 74.0 | 60.4 | 239.3 | | | |
| 19 | 26.1 | 16.8 | 15.2 | 12.4 | 42.0 | | | |
| 20/28 | 50.6 | 20.0 | 14.9 | 14.0 | 77.2 | | | |
| 21/33 | 29.0 | 11.8 | 8.8 | 7.9 | 40.0 | | | |
| 22 | 13.3 | 5.2 | 4.5 | 3.6 | 19.0 | | | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | 3.7 | 1.4 | 1.1 | 1.0 | 4.8 | | | |
| 26/29 | 11.5 | 4.8 | 3.6 | 3.3 | 17.0 | | | |
| 27 | 7.7 | 3.9 | 3.5 | 3.3 | 11.2 | | | |
| 31 | 48.7 | 20.5 | 16.2 | 15.4 | 74.7 | | | |
| 32 | 28.8 | 15.4 | 13.0 | 10.4 | 45.8 | | | |
| 34 | | | | | | | | |
| 35 | | | | | 0.5 | | | |
| 36 | 3.0 | | | | | | | |
| 37 | | 1.1 | 1.1 | | 3.8 | | | |
| 28 | | | | | | | | |
| 39 | 2.0 | | | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| Tetrachlorobiphenyl | | | | | |
| 40/41/71 | 10.6 | 3.4 | 3.2 | 2.9 | 16.7 |
| 42 | 2.2 | 2.2 | 1.6 | | 8.7 |
| 43/73 | | | | | 1.5 |
| 44/47/65 | 28.4 | 10.8 | 9.9 | 10.1 | 64.4 |
| 45 | 11.0 | 4.7 | 3.8 | 3.3 | 17.4 |
| 46 | 3.2 | 1.4 | | | 4.9 |
| 48 | 5.7 | 2.6 | 1.9 | 2.3 | 9.8 |
| 49/69 | 17.7 | 6.7 | 6.1 | 7.0 | 39.7 |
| 50/53 | 9.0 | 4.1 | 3.8 | 3.1 | 16.1 |
| 52 | 59.1 | 22.4 | 24.3 | 28.1 | 165.0 |
| 54 | | | | | |
| 55 | | 1.2 | | | |
| 56 | 2.8 | 0.9 | | | 5.0 |
| 57 | | | | | |
| 58 | | | | | |
| 59/62/75 | | 0.7 | | | 2.8 |
| 60 | 1.9 | | | | 2.7 |
| 61/70/74/76 | 19.0 | 5.9 | 5.9 | 5.2 | 47.3 |
| 63 | | | | | |
| 64 | 8.2 | 2.6 | 2.9 | 2.7 | 17.7 |
| 66 | 7.1 | 0.8 | 2.2 | | 13.7 |
| 67 | | | | | |
| 68 | | | | | |
| 72 | | | | | |
| 77 | | | | | |
| 78 | | | | | |
| 79 | | | | | |
| 80 | | | | | |
| 81 | | | | | |
| Pentachlorobiphenyls | | | | | |
| 82 | | | | | 2.4 |
| 83/99 | 6.7 | 2.0 | 2.1 | | 20.7 |
| 84 | 6.1 | 2.2 | 2.5 | 3.3 | 20.8 |
| 85/116/117 | 2.7 | 1.0 | 0.9 | | 4.2 |
| 86/87/97/109/119/12 | 9.0 | 0.7 | 2.1 | 2.9 | 21.0 |
| 88/91 | 2.7 | 1.0 | 1.0 | | 10.6 |
| 89 | | | | | |
| 90/101/113 | 14.8 | 4.6 | 5.0 | 5.0 | 44.7 |
| 92 | 2.6 | 0.9 | 0.8 | | 8.7 |
| 93/100 | | | | | |
| 94 | | | | | |
| 95 | 20.7 | 7.7 | 8.6 | 11.3 | 82.0 |
| 96 | | | | | |
| 98/102 | | | | | 2.1 |

| | | | | | |
|---|---|---|---|---|---|
| 103 | | | | | 1.1 |
| 104 | | | | | |
| 105 | 2.6 | | | | 1.4 |
| 106 | | | | | |
| 107/123 | | | | | |
| 108/124 | | | | | |
| 110/115 | 11.6 | 2.9 | 3.0 | 3.1 | 24.3 |
| 111 | | | | | |
| 112 | | | | | |
| 114 | | | | | |
| 118 | 7.1 | 1.0 | 1.1 | | 6.1 |
| 120 | | | | | |
| 121 | | | | | |
| 122 | | | | | |
| 126 | | 0.5 | | | |
| 127 | | | | | |
| Hexachlorobiphenyls | | | | | |
| 129/138/163 | 5.9 | 0.9 | 1.0 | | 2.8 |
| 130 | | | | | |
| 131 | | | | | |
| 132 | 2.7 | | | | 2.8 |
| 133 | | | | | |
| 134/143 | | | | | |
| 135/151 | 2.7 | | | | 5.9 |
| 136 | 1.9 | | | | 5.9 |
| 137/164 | | | | | |
| 139/140 | | | | | |
| 141 | | | | | |
| 142 | 8.6 | | | | |
| 144 | | | | | |
| 145 | | | | | |
| 146 | | | | | |
| 147/149 | | 1.4 | 1.7 | | 10.0 |
| 148 | | | | | |
| 150 | | | | | |
| 152 | | | | | |
| 153/168 | 4.6 | | 1.2 | | 2.8 |
| 154 | | | | | |
| 155 | | | | | |
| 156/157 | | | | | |
| 158 | | | | | |
| 159 | | | | | |
| 160 | | | | | |
| 161 | | | | | |
| 162 | | | | | |

| | |
|---|---|
| 165 | |
| 167 | |
| 169 | |
| Heptachlorobiphenyls | |
| 170 | |
| 171/173 | |
| 172 | |
| 174 | |
| 175 | |
| 176 | |
| 177 | |
| 178 | |
| 179 | 0.9 |
| 180/193 | |
| 181 | |
| 182 | |
| 183/185 | |
| 184 | |
| 186 | |
| 187 | |
| 188 | |
| 189 | |
| 190 | |
| 191 | |
| 192 | |
| Octachlorobiphenyls | |
| 194 | |
| 195 | |
| 196 | |
| 197 | |
| 198/199 | |
| 200 | |
| 201 | |
| 202 | |
| 203 | |
| 205 | |
| Nonachlorobiphenyls | |
| 206 | |
| 207 | |
| 208 | |
| Decachlorobiphenyls | |
| 209 | |

| Recoveries | | | | | |
|---|---|---|---|---|---|
| 14 | 77% | 94% | 118% | 26% | 88% |
| d-65/65 | 79% | 97% | 128% | 28% | 89% |
| 166 | 84% | 101% | 130% | 28% | 91% |

| Batch I.D. | 0121-01 | 0121-03 | 0121-05 | 0121-07 |
|---|---|---|---|---|
| Sample I.D. | 6205613P1<br>2122009 | 6205813P<br>12122009 | 6206213P<br>12122009 | 6206413P<br>12122009 |
| Deployment Date | 9/28/2009 | 9/21/2009 | 9/28/2009 | 9/12/2009 |
| Collection Date | 12/12/2009 | 12/12/200 | 12/12/200 | 12/12/200 |
| **Monochlorobiphenyls** | | | | |
| 1 | 4.1 | 4.8 | 6.7 | 4.7 |
| 2 | 0.8 | 0.9 | 1.6 | 0.9 |
| 3 | 67.2 | 51.3 | 72.3 | 58.7 |
| **Dichlorobiphenyls** | | | | |
| 4 | 156.5 | 109.3 | 112.7 | 106.3 |
| 5 | | | | |
| 6 | 24.4 | 15.5 | 21.0 | 15.2 |
| 7 | 3.7 | 3.1 | 3.5 | 2.5 |
| 8 | 108.2 | 65.2 | 94.1 | 63.5 |
| 9 | 3.6 | 2.6 | 4.5 | 2.8 |
| 10 | 5.0 | 3.0 | 3.6 | 3.1 |
| 11 | 30.9 | 26.7 | 24.0 | 27.4 |
| 12/13 | 2.5 | 1.7 | 3.1 | 1.8 |
| 15 | 15.9 | 10.2 | 16.4 | 8.0 |
| **Trichlorobiphenyls** | | | | |
| 16 | 53.3 | 32.3 | 48.4 | 27.5 |
| 17 | 69.0 | 38.1 | 54.7 | 36.1 |
| 18/30 | 160.8 | 88.4 | 128.8 | 84.8 |
| 19 | 26.6 | 16.7 | 20.6 | 15.5 |
| 20/28 | 54.0 | 35.9 | 61.7 | 24.4 |
| 21/33 | 29.9 | 22.0 | 40.0 | 14.2 |
| 22 | 13.5 | 11.3 | 20.2 | 6.6 |
| 23 | | | | |
| 24 | | | | |
| 25 | 3.8 | 2.5 | 4.9 | 1.8 |
| 26/29 | 11.9 | 7.2 | 13.5 | 5.5 |
| 27 | 8.9 | 4.5 | 7.1 | 4.6 |
| 31 | 51.9 | 35.0 | 61.4 | 24.0 |
| 32 | 29.7 | 16.7 | 26.4 | 15.2 |
| 34 | | | | |
| 35 | | | | |
| 36 | | | | |
| 37 | 3.2 | 4.4 | 6.9 | 1.7 |
| 28 | | | | |

| | | | | |
|---|---|---|---|---|
| 39 | | | | |
| Tetrachlorobiphenyls | | | | |
| 40/41/71 | 10.7 | 8.7 | 17.7 | 5.2 |
| 42 | 6.1 | 4.3 | 8.4 | 2.8 |
| 43/73 | | | | |
| 44/47/65 | 37.3 | 32.3 | 38.0 | 22.0 |
| 45 | 12.7 | 9.5 | 13.3 | 6.5 |
| 46 | 3.2 | 2.0 | 3.9 | 1.9 |
| 48 | 6.4 | 4.5 | 9.3 | 3.2 |
| 49/69 | 22.4 | 13.6 | 23.5 | 12.2 |
| 50/53 | 10.3 | 5.5 | 10.2 | 6.0 |
| 52 | 92.5 | 42.3 | 61.3 | 54.5 |
| 54 | | | | |
| 55 | | | | |
| 56 | 2.8 | 1.9 | 5.6 | 1.6 |
| 57 | | | | |
| 58 | | | | |
| 59/62/75 | 2.1 | 1.7 | 3.3 | 1.0 |
| 60 | 1.3 | 1.9 | 4.0 | |
| 61/70/74/76 | 21.8 | 19.2 | 29.3 | 11.9 |
| 63 | | | | |
| 64 | 10.1 | 7.4 | 13.7 | 5.8 |
| 66 | 6.7 | 7.5 | 14.1 | 3.6 |
| 67 | | | | |
| 68 | | 0.9 | | |
| 72 | | | | |
| 77 | | | | |
| 78 | | | | |
| 79 | | | | |
| 80 | | | | |
| 81 | | | | |
| Pentachlorobiphenyls | | | | |
| 82 | | 1.2 | 1.4 | |
| 83/99 | 8.3 | 6.9 | 7.7 | 4.9 |
| 84 | 9.7 | 5.0 | 6.8 | 5.8 |
| 85/116/117 | | | 1.9 | |
| 86/87/97/109/119/12 | 2.9 | 8.1 | 1.6 | 4.2 |
| 88/91 | 5.2 | 2.8 | 4.1 | 2.8 |
| 89 | | | | |
| 90/101/113 | 19.0 | 14.0 | 16.8 | 12.0 |
| 92 | 3.7 | 2.8 | 3.2 | 2.4 |
| 93/100 | | | | |
| 94 | | | | |
| 95 | 41.2 | 19.6 | 26.3 | 24.6 |
| 96 | | | | |

| | | | | |
|---|---|---|---|---|
| 98/102 | 1.1 | | | |
| 103 | | | | |
| 104 | | | | |
| 105 | 0.9 | 1.9 | 1.3 | 0.8 |
| 106 | | | | |
| 107/123 | | 1.1 | | |
| 108/124 | | | | |
| 110/115 | 12.9 | 12.6 | 11.6 | 7.8 |
| 111 | | | | |
| 112 | | | | 1.7 |
| 114 | | | | |
| 118 | 3.5 | 5.5 | 4.3 | 2.7 |
| 120 | | | | |
| 121 | | | | |
| 122 | | | | |
| 126 | | | 0.7 | |
| 127 | | | | |
| Hexachlorobiphenyls | | | | |
| 129/138/163 | 2.6 | 5.5 | 5.7 | 1.8 |
| 130 | | 1.1 | | |
| 131 | | | | |
| 132 | | | | |
| 133 | 1.9 | 2.7 | 2.7 | 1.1 |
| 134/143 | | | | |
| 135/151 | 3.9 | 3.3 | 6.1 | 2.0 |
| 136 | 2.7 | 1.2 | 2.6 | 1.9 |
| 137/164 | | | 0.7 | |
| 139/140 | | | | |
| 141 | | | | |
| 142 | | | | |
| 144 | | | 1.1 | |
| 145 | | | | |
| 146 | | | | |
| 147/149 | 5.9 | 6.8 | 10.0 | 3.8 |
| 148 | | | | |
| 150 | | | | |
| 152 | | | | |
| 153/168 | 3.8 | 7.2 | 11.7 | 3.0 |
| 154 | | | | |
| 155 | | | | |
| 156/157 | | | | |
| 158 | | | | |
| 159 | | | | |
| 160 | | | | |
| 161 | | | 0.5 | |

| | | | | |
|---|---|---|---|---|
| 162 | | | | |
| 165 | | | | |
| 167 | | | | |
| 169 | | | | |
| Heptachlorobiphenyls | | | | |
| 170 | | | | |
| 171/173 | | | | |
| 172 | | | | |
| 174 | | | | |
| 175 | | | 5.3 | |
| 176 | | | | |
| 177 | | | | |
| 178 | | | | |
| 179 | | 0.9 | 2.6 | |
| 180/193 | | 1.2 | 2.8 | |
| 181 | | | | |
| 182 | | | | |
| 183/185 | | | 5.2 | |
| 184 | | | | |
| 186 | | | | |
| 187 | | 1.5 | | |
| 188 | | | | |
| 189 | | | | |
| 190 | | | | |
| 191 | | | | |
| 192 | | | | |
| Octachlorobiphenyls | | | | |
| 194 | | | | |
| 195 | | | | |
| 196 | | | 1.8 | |
| 197 | | | | |
| 198/199 | | | | |
| 200 | | | | |
| 201 | | | | |
| 202 | | | 1.6 | |
| 203 | | | 1.3 | |
| 205 | | | | |
| Nonachlorobiphenyls | | | | |
| 206 | | | | |
| 207 | | | | |
| 208 | | | | |
| Decachlorobiphenyls | | | | |
| 209 | | | | |
| Recoveries | | | | |
| 14 | 87% | 82% | 78% | 80% |

| | | | | |
|---|---|---|---|---|
| d-65/65 | 93% | 84% | 79% | 80% |
| 166 | 103% | 94% | 88% | 89% |

Table B-2: East Chicago indoor air raw data showing necessary metadata and congener masses (ng)

| Batch I.D. | 0074-01 | 0074-03 | 0074-05 | 0074-07 | 0074-09 | 0075-01 | 0075-03 | 0075-05 |
|---|---|---|---|---|---|---|---|---|
| Sample I.D. | 6104212P | 6103812P | 6100611P | 6103512P | 6103013P | 6102312P | 6100210P | 6102210P |
| Deployment Date | 5/24/2008 | 5/24/2008 | 4/19/2008 | 5/19/2008 | 5/19/2008 | 5/6/2008 | 4/18/2008 | 5/6/2008 |
| Collection Date | 8/25/2008 | 8/25/2008 | 7/8/2008 | 8/30/2008 | 9/22/2008 | 9/2/2008 | 7/16/2008 | 8/11/2008 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 0.4 | 0.5 | 0.9 | 0.2 | 0.7 | 1.1 | 3.9 | 9.6 |
| 2 | 0.1 | 0.2 | 0 | 0 | 0.2 | 0.5 | 0.8 | 1.9 |
| 3 | 0.9 | 1.6 | 0.1 | 0.1 | 3.8 | 1.8 | 3.7 | 15 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 4.7 | 4.1 | 1.7 | 2 | 4.9 | 2.8 | 6.5 | 12.4 |
| 5 | 11.3 | 0.1 | 3.8 | 4.1 | 0.1 | | 0.4 | 1.4 |
| 6 | 2.5 | 2.5 | 0.4 | 1 | 2.8 | 1.5 | 2.8 | 6.9 |
| 7 | 0.1 | | 0 | | 0.2 | 0.3 | 0.7 | 2.2 |
| 8 | 9.9 | 10.4 | 3.3 | 3.6 | 11.5 | 6.2 | 10.3 | 23.4 |
| 9 | 0 | 0.1 | 0 | 0.1 | 0.6 | 0.4 | 0.8 | 2.2 |
| 10 | 0.2 | 0 | | | 0.3 | | | 0.8 |
| 11 | 15.9 | 23.6 | 7.4 | 6.8 | 17.9 | 11.2 | 18.1 | 78.1 |
| 12/13 | 0.2 | 0.3 | | 0.1 | | 0.3 | 0.9 | 2.3 |
| 15 | 5.1 | 5.8 | 1.6 | 1.4 | 6.2 | 3.3 | 4.9 | 8.2 |
| Trichlorobipheny | | | | | | | | |
| 16 | 5.7 | 7.2 | 1.6 | 2.6 | 9.2 | 3.2 | 5.7 | 8.9 |
| 17 | 3.9 | 5 | 2.2 | 2 | 7.7 | 2.8 | 4.9 | 6.7 |
| 18/30 | | | | | | | | |
| 19 | 0.4 | 0.1 | 0.1 | 0.2 | 1.5 | 0.8 | 1.6 | 2.2 |
| 20/28 | 11.5 | 17.2 | 3.9 | 4.6 | 20.1 | 6.3 | 9.8 | 14.2 |
| 21/33 | 6.8 | 11.5 | 2.2 | 2.8 | 12.7 | 4.7 | 6 | 10 |
| 22 | 4.1 | 7.9 | 1.2 | 1.7 | 7.6 | 4.4 | 2.9 | 4.5 |
| 23 | | | | 0.1 | 0.7 | | | |
| 24 | 3 | 1.2 | 0.8 | 1.4 | 0.1 | | | |
| 25 | | 1.2 | 0.1 | | 1.2 | 3 | 0.9 | |
| 26/29 | 1.7 | 3.1 | 0.3 | 1.3 | 3.6 | 2.1 | 2.6 | 3.2 |
| 27 | 0.7 | 1.1 | 0.2 | 0.4 | 1.2 | 0.6 | 1 | 0.9 |
| 31 | 9.3 | 17.7 | 3.2 | 4.4 | 23 | 6.2 | 8.4 | 12.4 |
| 32 | 3.4 | 4.1 | 1.1 | 1.5 | 5.3 | 2.1 | 2.9 | 4.3 |
| 34 | | | | | | | | |
| 35 | | 0.4 | | | | | | 1.3 |
| 36 | 0.2 | | 0.1 | | 0.1 | | | |
| 37 | 1.8 | 5.4 | 0.3 | 0.7 | 3.9 | 4 | 0.8 | 2.2 |
| 28 | | | | | | 2.5 | | |
| 39 | 3.1 | | | | | 2.5 | 0.1 | |
| Tetrachlorobiphenyls | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 40/41/71 | 2.2 | | | | | 2.4 | 2.5 | 3.8 |
| 42 | 0.4 | 17.2 | 1.4 | 1.7 | 17.2 | | 1.1 | 1.4 |
| 43/73 | 12 | 2.9 | 0.2 | 1.5 | 2.4 | 0.4 | | |
| 44/47/65 | | | | | | | | |
| 45 | 0.1 | | | | | 2.3 | | 3 |
| 46 | | 1.2 | 0.2 | 0.3 | 4.5 | | 0.5 | 0.8 |
| 48 | 0.5 | 1.9 | | 0.2 | 1.3 | 8.6 | 1.6 | 1.6 |
| 49/69 | | 4.8 | 0.6 | | 6.7 | 4.6 | 4.9 | 6.7 |
| 50/53 | 0.8 | | | | | 1.2 | 1.4 | 2.1 |
| 52 | 14.7 | 3 | 0.4 | 0.6 | 6.5 | 17.8 | 16.7 | 22.5 |
| 54 | 0.1 | 35.9 | 12.8 | 12.4 | 203.9 | | | 0.1 |
| 55 | 0.2 | | | | | | | |
| 56 | | 0.4 | | | | 0.6 | 1.5 | 1.7 |
| 57 | | 14.7 | 0.5 | 0.3 | 9.6 | | | |
| 58 | 0.1 | 5.4 | | 0.1 | 0.9 | 0.6 | | |
| 59/62/75 | 1.7 | | 5.1 | 2.7 | 106.6 | 5.3 | 1.8 | 2.9 |
| 60 | | 6.4 | 0.6 | | 8.3 | 1.5 | 0.8 | 1.5 |
| 61/70/74/76 | 1.5 | 9.5 | | 0.1 | 0.1 | 9.6 | 6.7 | 11.2 |
| 63 | 0.1 | 3.9 | 0.5 | 0.8 | 2.3 | 4.6 | 0.4 | |
| 64 | 2 | 1 | | 0.1 | 1.5 | 4 | 2.9 | 3.7 |
| 66 | | 11.8 | 1.2 | 2 | 21 | 3 | 2.2 | 4.6 |
| 67 | | 24.5 | | 1.5 | 24.5 | 0.2 | | |
| 68 | 0.2 | 0.3 | | | 0.2 | 2 | 2.6 | 2.9 |
| 72 | | | 0.1 | | | | | |
| 77 | | 29.3 | 10.5 | 10.1 | 166.9 | | | |
| 78 | | 2.1 | | 0.3 | | | | |
| 79 | | | | | | | | |
| 80 | | | 0.2 | | | | | |
| 81 | | | | | | 0.1 | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | | | | 0.1 | | | 4.9 | 6.5 |
| 83/99 | 4.8 | 0.6 | | 0.7 | 18 | 8.8 | 7.4 | 0.7 |
| 84 | 0.8 | 0.3 | 2.3 | 2.9 | 6 | 2.2 | 2.3 | 3.4 |
| 85/116/117 | 0.5 | 6.8 | 1.7 | 2.2 | 50.2 | | 1.5 | |
| 86/87/97/109/119 | 1.4 | 3.2 | 4.1 | 0.7 | 19.1 | 4.7 | 3.5 | 5.1 |
| 88/91 | 2.3 | 24.6 | 5.8 | 6.3 | 218.8 | 1.9 | 0.9 | 1.5 |
| 89 | | 3.8 | 0.7 | 0.2 | 23.2 | 0.5 | 0 | 0.1 |
| 90/101/113 | 6.4 | 0.3 | | | 0.8 | 7.8 | 6.6 | 8 |
| 92 | 1 | 3.1 | 0.3 | 0.7 | 20.1 | 2.9 | 1.3 | 1.4 |
| 93/100 | | 2.7 | 0.9 | 0.5 | 29.3 | 0.9 | | |
| 94 | | | | | | | | |
| 95 | 7.3 | | | | | 8.6 | 9.1 | 10.6 |
| 96 | | 18.6 | 6.9 | 7.1 | 166.8 | 0.8 | | 0.1 |
| 98/102 | 0.2 | 0.4 | 0.1 | | 1.1 | | | 0.1 |
| 103 | 0.2 | 7.1 | 1.4 | 1.8 | 58 | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 104 | | | | | | | | |
| 105 | 0.1 | | | | | 1.2 | 0.3 | 1 |
| 106 | | 0.7 | | 0.2 | 19.3 | | 0.1 | |
| 107/123 | 0.1 | | | | 1.2 | 0.2 | 0.5 | |
| 108/124 | 0.1 | 0.1 | | | 3.5 | | 0.5 | |
| 110/115 | 9.1 | 0.5 | 0.3 | 0.1 | 4.8 | 9.4 | 6.1 | 9.6 |
| 111 | 0.1 | 34 | 8.3 | 10.8 | 303.6 | | | |
| 112 | 1.9 | | | | | 2.3 | 2.1 | 2.9 |
| 114 | 0.1 | 0.7 | 1.5 | 1.9 | 60.6 | | | |
| 118 | 1.6 | 0.8 | 0.1 | | 12.5 | 4 | 2.1 | 4 |
| 120 | | 9 | 0.5 | 2.5 | 81.1 | | | |
| 121 | 0.1 | | | | | 4 | | 0.6 |
| 122 | | | | | | 0.2 | | |
| 126 | 0.1 | 1.2 | | | 1.5 | | | |
| 127 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 1.1 | | | | | 2.9 | 1.7 | 2.8 |
| 130 | | 3.3 | | 1.8 | 36.9 | | | |
| 131 | | | | | 1.5 | 0.2 | | 0.3 |
| 132 | 0.4 | | 0.2 | | 1 | 1.3 | 1.5 | 1.3 |
| 133 | | 1.6 | 0.7 | 0.5 | 18.1 | | | |
| 134/143 | | | | 0.1 | | | | |
| 135/151 | 0.3 | 0.4 | | | 5.2 | 1.9 | 2 | 1.6 |
| 136 | 0.4 | 1 | 0.3 | | 18.2 | 0.9 | 1.2 | 0.9 |
| 137/164 | | 1.1 | 0.3 | 0.5 | 11.9 | 0.2 | | |
| 139/140 | | | | | | | | |
| 141 | 0.2 | | | | 0.7 | 1.3 | 0.5 | 0.8 |
| 142 | | 0.6 | | | 8.3 | 0.4 | 0 | 0.2 |
| 144 | 0.2 | | 0.1 | | | | 0.3 | 0.1 |
| 145 | | | | 0.2 | 3.4 | 0 | | |
| 146 | 0.1 | | | 0.1 | | 0.3 | 0.6 | |
| 147/149 | 1.6 | 0.1 | | | 5.3 | 1.5 | 2.2 | 1.6 |
| 148 | | 5.1 | 1.8 | 2.1 | 43.7 | | | |
| 150 | | | | 0.1 | 0.1 | | | |
| 152 | | | | | | | | |
| 153/168 | 0.5 | | | | | 2.6 | 2.4 | 2.3 |
| 154 | | 3.4 | 0.3 | 0.7 | 30.6 | | | |
| 155 | 0.1 | | | 0.1 | 0.4 | | | |
| 156/157 | 0.5 | 0.1 | | | | 0.7 | 0.1 | |
| 158 | 0.1 | 2.1 | 2.2 | 0.2 | 0.4 | 0.8 | 0.1 | 0.2 |
| 159 | | | | 0.1 | 1.8 | | | |
| 160 | | | 0.1 | | | | | |
| 161 | 0.1 | | | | | | 0.4 | 0.3 |
| 162 | | 0.1 | | | 0.1 | | | |
| 165 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 167 | | | | | | 0.1 | | |
| 169 | 0.4 | | | | 0.3 | | 0 | |
| Heptachlorobiphenyls | | | | | | | | |
| 170 | | | | | 0.4 | | | 0.3 |
| 171/173 | | 0.1 | | | 0.4 | | | |
| 172 | | | | | 0.4 | | | |
| 174 | | | | | | 1 | 0.8 | 0.7 |
| 175 | | 0.2 | | | 0.3 | | | |
| 176 | | | | | | | | |
| 177 | | | | | 0.1 | 0.4 | | |
| 178 | | | | | 0.3 | | | 0.2 |
| 179 | | | | | 0.1 | 0.4 | 0.4 | 0.7 |
| 180/193 | | 0.2 | | 0.1 | 0.1 | 0.5 | 0.6 | 1.1 |
| 181 | | 1.4 | 0.3 | 1.1 | 1.6 | | | |
| 182 | | | | | | | | 0.1 |
| 183/185 | | | | | | 0.3 | | 0.5 |
| 184 | | 0.1 | | | 0.3 | 0.1 | | |
| 186 | | 0.1 | | | 0.2 | | 0 | |
| 187 | 0.1 | | | | | 1 | 0.5 | 0.9 |
| 188 | | 0.2 | 0.2 | 1 | 0.6 | | | |
| 189 | | | | | | | | |
| 190 | | | | | | 0.1 | | |
| 191 | 0.1 | | | | | | | |
| 192 | | | | | | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | | | | | | | | |
| 195 | 0.1 | | | 0.2 | | | | |
| 196 | 0.3 | | | | | | | |
| 197 | | | | | | | | |
| 198/199 | | | | | | 0.7 | 0.2 | 0.4 |
| 200 | 0.1 | 0.1 | | | | | | |
| 201 | 0.1 | | | | | | | |
| 202 | 0.1 | | | | | | | 0.1 |
| 203 | | 0.1 | | 0.1 | | 0.2 | | 0.6 |
| 205 | 0.2 | | | | | | | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | | | | | | | | |
| 207 | | 0.1 | | | | 0 | 0 | |
| 208 | | | | | | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | 0.3 | | | | | | | |
| Recoveries | | | | | | | | |
| 14 | 52% | 65% | 46% | 50% | 61% | 68% | 69% | 74% |
| d-65/65 | 75% | 123% | 63% | 65% | 208% | 95% | 98% | 110% |
| 166 | 80% | 92% | 60% | 65% | 93% | 89% | 90% | 93% |

| Batch I.D. | 0075-07 | 0075-09 | 0076-01 | 0076-03 | 0076-05 | 0076-07 | 0093-01 | 0093-03 |
|---|---|---|---|---|---|---|---|---|
| Sample I.D. | 6103212P | 6100810P | 6100410P | 6101410P | 6102812P | 6102010P | 61019P-in | 61023P-in |
| Deployment Date | 5/19/2008 | 4/22/2008 | 4/22/2008 | 4/28/2008 | 5/19/2008 | 5/3/2008 | 8/29/2008 | 9/2/2008 |
| Collection Date | 8/21/2008 | 7/25/2008 | 7/8/2008 | 7/21/2008 | 8/29/2008 | 8/11/2008 | 11/25/200 | 11/29/2008 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 3.3 | 2.6 | 2.1 | 1.5 | 2.4 | 1.6 | 2.1 | 0.6 |
| 2 | 0.9 | 1.2 | 0.7 | 0.4 | 0.2 | 0.6 | 0.9 | 0.3 |
| 3 | 3.1 | 6.0 | 5.1 | 1.9 | 3.5 | 2.3 | 3.0 | 3.3 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 7.7 | 9.8 | 6.5 | 7.8 | 14.2 | 8.7 | 8.1 | 3.5 |
| 5 | | 0.6 | 0.3 | | | 0.4 | 0.6 | 0.1 |
| 6 | 3.1 | 4.6 | 2.9 | 3.7 | 5.7 | 5.8 | 5.7 | 2.6 |
| 7 | 0.8 | 1.2 | 0.7 | 0.7 | 0.7 | 1.0 | 1.1 | 0.7 |
| 8 | 12.0 | 18.4 | 11.7 | 16.9 | 29.4 | 25.7 | 25.1 | 8.1 |
| 9 | 1.0 | 1.3 | 0.7 | 1.0 | 1.1 | 1.5 | 0.3 | 0.4 |
| 10 | 0.4 | 0.5 | | 0.4 | 0.3 | 0.4 | 0.4 | 0.1 |
| 11 | 17.5 | 25.1 | 23.8 | 13.0 | 21.4 | 15.9 | 22.6 | 19.3 |
| 12/13 | 0.4 | 1.0 | 0.7 | 0.6 | | 1.6 | 0.9 | 0.3 |
| 15 | 3.7 | 7.8 | 4.2 | 5.1 | 8.4 | 9.4 | 10.1 | 3.1 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 5.5 | 10.2 | 6.0 | 0.8 | 32.7 | 17.9 | 14.3 | 1.1 |
| 17 | 4.2 | 7.2 | 5.3 | 7.4 | 26.3 | 11.1 | 12.8 | 3.7 |
| 18/30 | | | | | | | | |
| 19 | 1.6 | 1.9 | 1.6 | 2.6 | 6.8 | 4.3 | 3.6 | 0.9 |
| 20/28 | 9.6 | 19.1 | 10.4 | 18.2 | 62.1 | 37.7 | 26.5 | 7.8 |
| 21/33 | 6.4 | 13.6 | 5.5 | 7.9 | 34.0 | 23.3 | 18.3 | 5.3 |
| 22 | 3.1 | 6.1 | 3.0 | 4.3 | 18.8 | 10.5 | 9.5 | 2.8 |
| 23 | | | | | | | | 0.2 |
| 24 | | 0.2 | 0.2 | 0.2 | | | 0.2 | |
| 25 | 1.4 | 1.1 | | 0.8 | 3.9 | 2.7 | 1.4 | 0.2 |
| 26/29 | 1.7 | 4.2 | 1.9 | 2.7 | 9.7 | 7.1 | 4.4 | 0.1 |
| 27 | 0.9 | 1.3 | 0.7 | 1.4 | 4.5 | 2.2 | 1.9 | |
| 31 | 8.6 | 15.9 | 8.9 | 13.7 | 49.3 | 25.9 | 24.4 | 7.3 |
| 32 | 3.0 | 5.3 | 2.8 | 5.1 | 17.8 | 8.9 | 7.7 | 2.5 |
| 34 | | | | | | | 0.1 | |
| 35 | | | | | 0.4 | | 0.0 | |
| 36 | | | | | | | | |
| 37 | 1.7 | 3.1 | 2.4 | 1.8 | 9.5 | 4.7 | 4.1 | 1.3 |
| 28 | | | | | | | | |
| 39 | 0.1 | 0.1 | | | | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 2.4 | 5.7 | 4.6 | 6.6 | 17.6 | 13.2 | 6.0 | 1.0 |
| 42 | 0.9 | | 0.4 | | 1.2 | 1.0 | 0.2 | 0.1 |
| 43/73 | | 28.5 | | | | 47.9 | 29.3 | 9.6 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 44/47/65 | | | | | | | | |
| 45 | 0.6 | 3.5 | 1.9 | 4.9 | 13.7 | 9.5 | 3.3 | 0.5 |
| 46 | | 1.1 | 0.3 | | 2.1 | | | |
| 48 | 1.4 | 2.6 | 1.9 | 2.5 | 6.9 | 4.9 | 3.2 | 0.2 |
| 49/69 | 4.5 | 9.3 | 8.4 | 14.7 | 16.7 | 16.5 | 10.6 | 3.6 |
| 50/53 | 1.2 | 2.6 | 1.9 | 3.6 | 4.6 | 3.9 | 3.2 | 0.4 |
| 52 | 15.9 | 34.1 | 44.5 | 99.8 | 39.5 | 70.9 | 38.3 | 12.6 |
| 54 | | | | | | | | |
| 55 | | | | | 0.5 | | | 0.8 |
| 56 | 1.0 | 2.5 | 1.7 | 4.8 | 7.1 | 3.0 | 1.9 | 0.3 |
| 57 | | | | | | | | |
| 58 | | | | 0.7 | | | | |
| 59/62/75 | 1.6 | 3.0 | 2.4 | 3.2 | 7.2 | 5.4 | 4.2 | 0.1 |
| 60 | 0.4 | 1.5 | 0.7 | 2.1 | 5.0 | 2.6 | 1.2 | 0.1 |
| 61/70/74/76 | 7.7 | 13.9 | 13.7 | 43.5 | 27.1 | 21.8 | 2.7 | 7.0 |
| 63 | | 0.9 | | 1.3 | | | | 0.0 |
| 64 | 2.2 | 4.9 | 3.5 | 8.9 | 9.6 | 8.7 | 6.2 | 2.2 |
| 66 | 2.8 | 4.7 | 4.6 | 10.8 | 17.2 | 9.1 | 5.9 | 2.0 |
| 67 | | | 0.2 | 0.1 | 0.4 | | | |
| 68 | 2.7 | 1.3 | 2.6 | 2.1 | | 0.9 | 0.0 | 0.1 |
| 72 | | | | | | | | |
| 77 | | | | | 1.1 | | | |
| 78 | | | | | | 0.1 | | |
| 79 | | | | | | | | |
| 80 | | | | | | | | |
| 81 | | | | | 0.2 | | | 0.1 |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | 3.4 | 8.2 | 14.3 | 24.7 | 5.7 | 17.2 | 1.5 | 0.2 |
| 83/99 | 7.8 | 11.4 | 1.0 | | | | 6.4 | 5.8 |
| 84 | 1.9 | 4.5 | 6.0 | 33.0 | 2.7 | 12.2 | 1.7 | 0.7 |
| 85/116/117 | 1.7 | 2.6 | 2.7 | 6.3 | 2.8 | 10.3 | 2.7 | 5.4 |
| 86/87/97/109/119 | 4.0 | 6.3 | 9.7 | 59.8 | 5.8 | 21.4 | 4.7 | 0.7 |
| 88/91 | 1.2 | 2.2 | | | | | 1.3 | 0.7 |
| 89 | | | | 0.8 | | | | |
| 90/101/113 | 5.8 | 10.9 | 13.8 | 72.7 | 8.8 | 36.4 | 19.7 | 6.1 |
| 92 | 1.2 | 2.1 | 2.6 | 12.6 | 1.7 | 6.7 | 1.0 | 0.1 |
| 93/100 | | | | | | | | |
| 94 | | | | | | | | |
| 95 | 8.2 | 15.6 | 20.5 | 84.5 | 10.4 | 43.1 | 24.9 | 5.6 |
| 96 | 0.1 | 0.1 | | 0.7 | | 0.5 | 0.1 | |
| 98/102 | | 0.8 | | 1.8 | | 1.1 | | |
| 103 | | | | 0.4 | | | 0.0 | |
| 104 | | | | | | | | |
| 105 | 0.8 | 1.1 | 2.0 | 18.0 | 1.2 | 4.9 | 2.6 | 0.8 |
| 106 | 0.1 | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 107/123 | 0.8 | 0.2 | | 4.1 | | 1.6 | | |
| 108/124 | 0.1 | 0.2 | 0.3 | 6.6 | | 2.0 | | 0.1 |
| 110/115 | 7.5 | 12.1 | 17.8 | 140.4 | 16.1 | 52.2 | 17.2 | 2.7 |
| 111 | | | | | | | | |
| 112 | 2.3 | 3.0 | 4.3 | 29.4 | 4.4 | 14.1 | 1.2 | 2.3 |
| 114 | | | | 1.1 | | | | |
| 118 | 2.4 | 3.8 | 6.8 | 52.8 | 3.7 | 18.2 | 8.2 | 3.2 |
| 120 | | | | | | | 0.0 | |
| 121 | 0.3 | 0.5 | 0.1 | | 0.1 | 1.5 | | |
| 122 | 0.1 | | | | | | | |
| 126 | | | | | | | | 0.0 |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 1.7 | 2.3 | 3.6 | 32.5 | 3.8 | 10.8 | 4.6 | 1.6 |
| 130 | | | | 2.6 | | | | |
| 131 | 0.3 | 0.6 | 0.4 | 1.2 | | | 0.2 | |
| 132 | 0.8 | 1.1 | 2.0 | 18.7 | 1.9 | 5.4 | 0.7 | 0.8 |
| 133 | | | | | | | | |
| 134/143 | | 0.3 | 0.2 | 2.9 | 0.2 | 0.5 | 0.6 | 0.2 |
| 135/151 | 1.0 | 2.0 | 2.5 | 12.7 | 4.2 | 6.1 | 1.6 | 0.1 |
| 136 | 0.5 | 1.3 | 1.7 | 8.2 | 1.2 | 2.9 | 0.5 | 0.4 |
| 137/164 | | | | 4.1 | 0.2 | 0.9 | 0.3 | |
| 139/140 | | | | 1.2 | | 0.2 | 0.1 | |
| 141 | 0.4 | 0.7 | 0.6 | 5.3 | 1.1 | 1.7 | 0.2 | 0.2 |
| 142 | | | | | | | | |
| 144 | | | | 2.0 | | 0.8 | 0.4 | |
| 145 | | | | | | | | |
| 146 | | 0.5 | 0.4 | 3.7 | 0.7 | 1.1 | 0.6 | 0.1 |
| 147/149 | 0.9 | 2.1 | 2.5 | 12.3 | 4.4 | | 6.0 | 2.3 |
| 148 | | | | | | | | |
| 150 | | | | | | | | |
| 152 | | | | 0.1 | | | | |
| 153/168 | 1.3 | 2.5 | 2.8 | 20.9 | 4.4 | 8.2 | 3.7 | 0.8 |
| 154 | 0.1 | | | | | | | |
| 155 | | | | 0.1 | | | | |
| 156/157 | | 0.1 | | 1.8 | | 0.4 | 0.1 | 2.4 |
| 158 | 0.3 | 0.3 | 0.3 | 3.8 | | 1.2 | 0.1 | 0.1 |
| 159 | | | | | | | 0.0 | |
| 160 | | | | | | | | |
| 161 | 0.1 | 0.3 | 0.3 | 2.9 | 0.6 | 0.9 | 0.5 | 0.1 |
| 162 | | | | | | | | |
| 165 | | | 0.1 | | | | | |
| 167 | | | | 0.6 | | | 0.1 | |
| 169 | | | | | | | 0.0 | 0.0 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Heptachlorobiphenyls | | | | | | | | |
| 170 | | | | 0.7 | 0.3 | 0.2 | | |
| 171/173 | | | | | | | | 0.1 |
| 172 | | | | | | | 0.0 | 0.1 |
| 174 | | 0.5 | 0.5 | 1.2 | 1.2 | | 0.1 | |
| 175 | | | | 0.1 | 0.3 | | | |
| 176 | 0.1 | | | 0.4 | 0.4 | 0.1 | | |
| 177 | | | | 0.4 | 0.9 | 0.2 | 0.0 | 0.1 |
| 178 | 0.1 | | | 0.4 | | | | 0.1 |
| 179 | 0.1 | 0.5 | 0.7 | 0.9 | 1.1 | 0.7 | 0.1 | 0.4 |
| 180/193 | 0.4 | 0.7 | 0.7 | 1.5 | 0.9 | 1.2 | | 0.1 |
| 181 | | | | 0.1 | 0.1 | | | |
| 182 | | | | | | | | |
| 183/185 | | 0.3 | 0.2 | 0.9 | 0.7 | 0.7 | | 0.2 |
| 184 | | | | | | | | |
| 186 | | | | | | | | |
| 187 | 0.4 | 0.6 | 0.7 | 1.6 | 1.9 | | 0.6 | 0.1 |
| 188 | | | | | | 0.1 | 0.0 | |
| 189 | | | | | | | | |
| 190 | | | | 0.2 | | | 0.1 | |
| 191 | | | | | | | | |
| 192 | | | | | | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | | | | | | | 0.3 | 0.1 |
| 195 | | | | | | | | |
| 196 | | | | | | | 0.1 | |
| 197 | | | | | | | | |
| 198/199 | 0.1 | 0.1 | | 0.3 | | | 0.2 | |
| 200 | | | | | | | 0.0 | 0.1 |
| 201 | | | | | 0.1 | | | |
| 202 | | 0.1 | | | | | 0.0 | |
| 203 | | | 0.4 | 0.3 | | | 0.2 | |
| 205 | | | 0.1 | | | | 0.2 | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | | | | | | | 0.1 | |
| 207 | 0.2 | | 0.2 | 0.1 | | 0.1 | 0.0 | 0.1 |
| 208 | | | 0.1 | | | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | | | 0.3 | | | | 0.3 | |
| Recoveries | | | | | | | | |
| 14 | 86% | 77% | 73% | 51% | 57% | 61% | 85% | 100% |
| d-65/65 | 121% | 127% | 122% | 125% | 121% | 138% | 37% | 17% |
| 166 | 110% | 104% | 104% | 89% | 81% | 102% | 99% | 109% |
| Batch I.D. | 0093-06 | 0093-08 | 0093-11 | 0094-01 | 0094-03 | 0094-04 | 0094-06 | 0094-08 |

| Sample I.D. | 61029P-in | 61021P-in | 61017P-in | 61045P-in | 61041P-in | 61031P-in | 61027P-in | 61025P-in |
|---|---|---|---|---|---|---|---|---|
| Deployment Date | 9/2/2008 | 8/11/2008 | 8/11/2008 | 9/18/2008 | 8/25/2008 | 8/21/2008 | 8/29/2008 | 8/29/2008 |
| Collection Date | 11/29/200 | 11/25/200 | 11/29/200 | 11/29/200 | 11/29/2008 | 11/25/2008 | 11/29/200 | 11/29/2008 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 1.2 | 23.1 | 1.3 | 1.3 | 6.0 | 4.1 | 5.4 | 1.2 |
| 2 | 0.7 | 4.2 | 0.7 | 0.5 | 2.2 | 0.8 | 1.1 | 0.8 |
| 3 | 3.9 | 22.5 | 2.8 | 2.8 | 10.6 | 3.3 | 7.2 | 2.7 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 4.3 | 14.5 | 5.6 | 7.0 | 49.6 | 8.1 | 44.9 | 9.5 |
| 5 | 0.3 | 1.6 | 0.3 | | 23.1 | | | |
| 6 | 2.5 | 8.5 | 3.7 | 2.4 | 1.3 | 2.7 | 9.3 | 1.9 |
| 7 | 0.0 | 2.4 | 0.4 | 0.6 | 1.3 | 0.5 | 1.1 | 0.3 |
| 8 | 10.2 | 29.4 | 13.2 | 7.3 | 76.1 | 9.3 | 47.4 | 7.0 |
| 9 | 0.5 | 3.2 | 0.7 | 0.7 | 2.3 | 0.8 | 2.2 | 0.6 |
| 10 | 0.2 | 1.1 | 0.3 | 0.6 | | | 0.8 | |
| 11 | 13.0 | 111.8 | 29.8 | 18.2 | 85.3 | 18.8 | 32.4 | 8.8 |
| 12/13 | 0.7 | 2.5 | 0.9 | 0.4 | | | 1.0 | 0.6 |
| 15 | 3.2 | 6.6 | 4.0 | 2.3 | 41.0 | 2.6 | 10.3 | 1.7 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 7.1 | 8.2 | 8.1 | 2.4 | | 4.6 | 33.8 | 2.9 |
| 17 | 6.4 | 6.2 | 6.4 | 3.4 | | 5.7 | 47.0 | 4.1 |
| 18/30 | | | | | | | | |
| 19 | 1.7 | 2.2 | 1.3 | 0.9 | 12.8 | 2.0 | 13.5 | 1.5 |
| 20/28 | 14.8 | 15.0 | 12.7 | 5.7 | 63.8 | 10.9 | 77.9 | 2.3 |
| 21/33 | 9.6 | 10.3 | 8.8 | 3.4 | 63.9 | 6.9 | 48.4 | 4.4 |
| 22 | 5.3 | 5.1 | 4.5 | 2.6 | 40.3 | 4.3 | 30.1 | 3.2 |
| 23 | | 0.3 | 0.5 | 0.9 | 1.2 | 1.3 | 1.1 | 0.4 |
| 24 | 0.2 | 0.2 | 0.3 | 0.7 | 17.5 | 1.9 | 17.2 | 0.9 |
| 25 | 0.8 | 1.2 | 0.9 | 4.3 | | 6.5 | | |
| 26/29 | 2.0 | 2.9 | 2.2 | 0.5 | 23.3 | 1.2 | 7.1 | 0.8 |
| 27 | 0.8 | | 1.0 | 5.5 | 4.0 | 10.0 | 70.4 | 1.7 |
| 31 | 15.6 | 14.3 | 12.0 | 1.8 | 21.3 | 3.5 | 27.6 | 2.3 |
| 32 | 4.4 | 4.8 | 4.3 | 0.4 | | 0.9 | | |
| 34 | | | 0.1 | | | | | |
| 35 | | 1.4 | | | | | | |
| 36 | | | | 1.2 | 8.4 | 3.6 | 14.9 | 1.6 |
| 37 | 2.9 | 2.5 | 1.9 | | | | | |
| 28 | 0.0 | | | | | | | |
| 39 | | | | | | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 10.5 | 4.8 | 0.9 | 1.2 | 5.2 | | 13.7 | 2.2 |
| 42 | 1.2 | 0.9 | 0.1 | | 3.9 | | 8.3 | 1.6 |
| 43/73 | 87.6 | 13.5 | 15.6 | | 83.4 | | | |
| 44/47/65 | | | | | | | | |
| 45 | 1.5 | 2.0 | 1.6 | 1.4 | | 2.4 | 11.0 | 1.9 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 46 | 0.3 | 0.6 | | | 15.8 | | 4.2 | |
| 48 | 3.2 | 2.2 | 1.6 | 0.9 | 35.2 | 13.3 | 10.8 | 1.3 |
| 49/69 | 21.6 | 6.0 | 6.0 | 4.4 | | 6.2 | 22.3 | 4.5 |
| 50/53 | 3.1 | 1.8 | 1.9 | 1.1 | 10.6 | 2.4 | 7.1 | 2.3 |
| 52 | 114.6 | 17.4 | 20.4 | 21.2 | | 27.4 | 46.3 | 16.6 |
| 54 | | | | | | | | |
| 55 | | | 3.2 | | 13.3 | 1.6 | 10.6 | 1.3 |
| 56 | 4.0 | 1.9 | 1.3 | | | | | |
| 57 | 0.0 | | | | | | | |
| 58 | 0.4 | | | | | | | |
| 59/62/75 | 1.6 | 2.9 | 0.8 | | 50.4 | | | |
| 60 | 3.0 | 1.1 | 1.0 | | 6.4 | 1.2 | 6.9 | 0.7 |
| 61/70/74/76 | 38.4 | 1.5 | 1.5 | 5.9 | | 10.6 | 39.4 | 6.8 |
| 63 | 0.8 | 0.1 | 0.1 | | | | 1.3 | |
| 64 | 11.9 | 3.7 | 3.1 | 2.1 | 11.4 | 3.9 | 14.6 | 2.4 |
| 66 | 16.0 | 4.3 | 3.3 | 1.9 | 35.0 | 3.8 | 22.3 | 2.7 |
| 67 | | 0.0 | | | | | 1.0 | |
| 68 | 0.0 | 0.1 | 0.1 | | | | | |
| 72 | | | 0.0 | | | | | |
| 77 | 0.1 | | | | | | 1.7 | |
| 78 | | | | | | | | |
| 79 | | | | | | | | |
| 80 | | | | | | | | |
| 81 | | | | | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | 9.0 | 0.6 | 0.5 | | 50.6 | | | |
| 83/99 | 37.2 | 6.7 | 4.9 | 2.8 | 29.7 | 4.6 | 6.1 | 3.2 |
| 84 | 29.8 | 2.6 | 0.4 | 1.8 | 5.9 | 3.1 | 3.6 | 2.0 |
| 85/116/117 | 20.7 | 0.8 | 0.5 | 1.0 | 2.3 | 1.4 | 1.8 | 0.9 |
| 86/87/97/109/119 | 24.1 | 1.9 | 0.1 | 0.7 | 11.2 | 4.3 | 6.7 | 2.0 |
| 88/91 | 25.9 | 2.6 | 1.8 | 1.1 | | 1.5 | 2.2 | 1.1 |
| 89 | | 0.0 | | | 7.0 | | | |
| 90/101/113 | 101.8 | 7.3 | 7.9 | 4.8 | 3.5 | 8.1 | 11.4 | 5.7 |
| 92 | 17.8 | 1.0 | 1.1 | 0.8 | | | 2.1 | 1.0 |
| 93/100 | | 0.0 | | | | | | |
| 94 | | | | 6.8 | | 11.0 | 13.1 | 6.7 |
| 95 | 100.6 | 8.7 | 10.5 | | | | | |
| 96 | 0.2 | | | | | | | |
| 98/102 | 1.1 | | | | 29.8 | | | |
| 103 | 0.1 | 0.0 | | | | | | |
| 104 | | | | | | | | |
| 105 | 19.0 | 1.0 | 0.1 | | 1.6 | 0.7 | 1.4 | 0.7 |
| 106 | 0.3 | | 0.1 | | | | | |
| 107/123 | 0.2 | | | | | | | |
| 108/124 | 5.2 | 0.1 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 110/115 | 101.1 | 6.0 | 5.8 | 2.7 | | 5.3 | 8.3 | 3.7 |
| 111 | | | | | | | | |
| 112 | 33.8 | 2.3 | 2.3 | | 6.9 | | | |
| 114 | | 0.0 | | | | | | |
| 118 | 60.5 | 3.2 | 0.9 | 1.2 | | 2.3 | 4.9 | 2.7 |
| 120 | | | | | | | | |
| 121 | | 0.0 | | | | | | |
| 122 | 0.6 | | | | 6.9 | | | |
| 126 | 0.1 | 0.2 | 0.4 | | | | | |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 34.6 | 1.8 | 0.3 | | 3.7 | 1.8 | 4.3 | 2.4 |
| 130 | 2.4 | | | | | | | |
| 131 | | 0.0 | | | | | | |
| 132 | 15.5 | 0.6 | 0.4 | | 2.1 | | 2.6 | |
| 133 | 0.1 | 0.0 | | | | | | |
| 134/143 | 2.9 | 0.1 | | | | | | |
| 135/151 | 11.9 | 0.8 | 0.7 | | | | 4.0 | |
| 136 | 7.4 | 0.6 | 0.2 | | | | | |
| 137/164 | 3.5 | | | | | | | |
| 139/140 | 0.2 | 0.0 | | | | | | |
| 141 | 6.0 | 0.3 | 0.1 | | | | 1.2 | |
| 142 | | | | | | | | |
| 144 | 2.2 | 0.2 | | | | | | |
| 145 | | | | | 1.9 | | 1.9 | |
| 146 | 4.3 | 0.3 | 0.2 | | | | | |
| 147/149 | 31.0 | 2.9 | 3.0 | 1.1 | 6.5 | 2.0 | 7.6 | 2.6 |
| 148 | | | | | | | | |
| 150 | | | | | | | | |
| 152 | | | | | | | | |
| 153/168 | 23.9 | 2.1 | 1.6 | | 3.3 | 1.4 | 5.6 | 2.3 |
| 154 | | 0.0 | | | 1.9 | | | |
| 155 | | | | | | | | |
| 156/157 | 2.9 | 2.4 | 0.1 | | | | | |
| 158 | 3.8 | 0.1 | 0.0 | | | | | |
| 159 | | | | | | | | |
| 160 | | | 0.3 | | | | | |
| 161 | 3.6 | 0.0 | 0.1 | | | | | |
| 162 | | | | | | | | |
| 165 | | | | | | | | |
| 167 | 0.3 | 0.0 | | | | | | |
| 169 | | | | | | | | |
| Heptachlorobiphenyls | | | | | | | | |
| 170 | | | | | | | | |
| 171/173 | | 0.1 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 172 | | | | | | | | |
| 174 | 0.5 | 0.1 | | | | | 1.1 | |
| 175 | | | | | | | | |
| 176 | 0.1 | | | | | | | |
| 177 | 0.3 | 0.1 | | | | | | |
| 178 | 0.3 | 0.0 | 0.1 | | | | | |
| 179 | 0.6 | 0.3 | 0.1 | | | | 1.3 | |
| 180/193 | 1.0 | 0.6 | 0.0 | | | | 1.0 | |
| 181 | | | | | | | | |
| 182 | | | | | | | | |
| 183/185 | 0.4 | 0.1 | | | | | 1.0 | |
| 184 | | | | | | | | |
| 186 | | | | | | | | |
| 187 | 0.7 | 0.6 | 0.3 | | | | 2.0 | |
| 188 | | | | | | | | |
| 189 | 0.0 | | | | | | | |
| 190 | | | 0.0 | | | | | |
| 191 | 0.1 | | | | | | | |
| 192 | | | | | | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | | | | | | | | |
| 195 | | | | | | | | |
| 196 | | | | | | | | |
| 197 | | | | | | | | |
| 198/199 | | 0.2 | | | | | | |
| 200 | | | | | | | | |
| 201 | | 0.0 | | | | | | |
| 202 | | | | | | | | |
| 203 | | | | | | | | |
| 205 | 0.0 | | 0.0 | | | | | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | | | | | | | | |
| 207 | | | | | | | | |
| 208 | | | | | | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | 0.0 | 0.0 | | | | | | |
| Recoveries | | | | | | | | |
| 14 | 83% | 83% | 79% | 104% | 104% | 104% | 104% | 104% |
| d-65/65 | 83% | 22% | 21% | 16% | 17% | 6% | 74% | 15% |
| 166 | 105% | 99% | 90% | 137% | 137% | 137% | 137% | 137% |

| Batch I.D. | 0095-04 | 0095-06 | 0095-08 | 0096-03 | 0096-05 | 0096-07 | 0097-02 | 0097-07 |
|---|---|---|---|---|---|---|---|---|
| Sample I.D. | 6107912P | 6107512P | 6107712P | 6106312P | 6106512P0 | 6106112P0 | 6108612P | 6101216P0 |
| Deployment Date | 1/7/2009 | 12/30/200 | 12/30/200 | 12/9/2008 | 12/10/2008 | 12/9/2008 | 1/12/2009 | 1/12/2009 |

| Collection Date | 3/28/2009 | 3/28/2009 | 4/2/2009 | 3/19/2009 | 3/23/2009 | 3/24/2009 | 4/11/2009 | 4/27/2009 |
|---|---|---|---|---|---|---|---|---|
| Monochlorobiphenyls | | | | | | | | |
| 1 | 4.5 | 5.4 | 4.9 | 3.0 | 3.9 | 3.3 | 2.9 | 7.4 |
| 2 | 0.9 | 0.7 | 0.5 | 0.6 | 0.6 | 0.7 | 0.6 | 0.8 |
| 3 | 20.9 | 9.7 | 18.8 | 35.8 | 29.8 | 28.7 | 49.9 | 44.4 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 10.7 | 12.1 | 23.7 | 6.9 | 13.2 | 6.7 | 13.8 | 20.7 |
| 5 | | | | | | | | |
| 6 | 3.3 | 4.0 | 3.4 | 2.8 | 6.4 | 2.8 | 4.3 | 7.3 |
| 7 | 0.5 | 0.7 | 0.7 | 0.6 | 2.2 | 0.7 | 0.8 | 1.6 |
| 8 | 10.8 | 16.1 | 13.9 | 11.2 | 28.5 | 10.7 | 16.4 | 29.9 |
| 9 | 0.8 | 1.1 | 0.9 | 0.8 | 1.8 | 0.8 | 1.2 | 2.3 |
| 10 | 0.4 | 0.4 | 0.5 | 0.3 | 0.4 | 0.3 | | 0.7 |
| 11 | 16.6 | 24.1 | 19.3 | 27.6 | 36.5 | 32.1 | 33.1 | 51.8 |
| 12/13 | 0.5 | 0.6 | 0.6 | 0.5 | 0.6 | 0.5 | 0.7 | 1.6 |
| 15 | 2.6 | 4.0 | 3.3 | 3.4 | 8.5 | 4.6 | 5.1 | 7.3 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 3.2 | 7.2 | 5.1 | | | | 7.3 | 13.2 |
| 17 | 4.5 | 9.2 | 7.7 | 4.9 | 13.3 | 5.5 | 6.1 | 12.8 |
| 18/30 | 10.6 | 20.3 | 17.3 | 11.6 | 30.0 | 12.9 | 14.5 | 30.8 |
| 19 | 1.4 | 3.0 | 2.4 | 1.2 | 3.7 | 0.4 | 1.8 | 3.9 |
| 20/28 | 6.6 | 13.9 | 9.6 | 9.0 | 25.2 | 9.6 | 12.6 | 19.0 |
| 21/33 | 3.7 | 7.8 | 5.5 | 5.9 | 16.5 | 6.0 | 8.6 | 12.9 |
| 22 | 2.5 | 4.5 | 3.5 | 4.6 | 10.0 | 4.4 | 5.1 | 7.2 |
| 23 | 0.6 | 0.9 | 0.7 | 2.6 | 2.4 | 3.1 | 1.9 | 2.9 |
| 24 | 1.9 | 3.5 | 2.4 | 3.3 | 7.8 | 3.1 | | |
| 25 | 2.0 | 2.7 | 2.0 | 0.5 | 1.9 | 0.7 | 0.9 | 1.4 |
| 26/29 | 0.8 | 1.5 | 1.0 | 2.9 | 5.7 | 2.9 | 2.8 | 4.4 |
| 27 | 7.4 | 13.2 | 9.8 | 0.7 | 2.2 | 0.9 | 1.2 | 3.2 |
| 31 | 2.5 | 5.5 | 4.1 | 10.0 | 26.5 | 10.0 | 11.7 | 25.4 |
| 32 | | 0.6 | | 3.2 | 8.3 | 3.5 | 3.8 | 7.2 |
| 34 | | | | 0.8 | 0.6 | 1.0 | 0.8 | 1.5 |
| 35 | | | | | | | | |
| 36 | 1.6 | 2.2 | 2.3 | | | | | |
| 37 | | | | 2.2 | 5.3 | 2.4 | 3.2 | 3.4 |
| 28 | | | | | | | | |
| 39 | | | | | | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 3.6 | 5.1 | 4.1 | 3.8 | 10.1 | 3.9 | 5.5 | 13.8 |
| 42 | 1.8 | 2.4 | 1.6 | 1.9 | 5.1 | 1.6 | 2.6 | 7.4 |
| 43/73 | | | | | | | | |
| 44/47/65 | 20.5 | 19.8 | 16.3 | 15.6 | 40.2 | 16.0 | 16.4 | 92.4 |
| 45 | 1.9 | 1.8 | 2.4 | 2.2 | 7.0 | 2.3 | 2.7 | 6.3 |
| 46 | | | | 0.8 | 1.8 | | | 2.0 |
| 48 | 1.6 | 2.1 | 1.3 | 1.6 | 4.1 | 1.8 | 2.1 | 6.1 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 49/69 | 12.4 | 10.7 | 9.1 | 9.0 | 21.0 | 8.7 | 9.6 | 58.0 |
| 50/53 | 2.8 | 3.0 | 2.8 | 2.7 | 6.6 | 2.5 | 2.7 | 11.3 |
| 52 | 69.9 | 53.2 | 51.4 | 49.9 | 108.6 | 48.3 | 35.3 | 293.1 |
| 54 | | | | | | | | |
| 55 | | | | | 3.7 | 1.5 | | |
| 56 | 1.1 | 2.4 | 1.7 | 1.6 | 2.3 | 0.9 | 2.8 | 4.8 |
| 57 | | | | | | | | |
| 58 | | | | | | | | |
| 59/62/75 | | 0.6 | 0.5 | 0.6 | 1.2 | 0.5 | 0.8 | 1.7 |
| 60 | 0.7 | 1.1 | 1.0 | 0.7 | 0.6 | 1.5 | 1.6 | 2.3 |
| 61/70/74/76 | 15.0 | 20.2 | 11.0 | 10.9 | 25.6 | 11.8 | 15.2 | 66.4 |
| 63 | | | | | | | | |
| 64 | 5.2 | 5.9 | 4.4 | 4.0 | 9.9 | 4.4 | 4.6 | 22.3 |
| 66 | 3.6 | 5.6 | 3.5 | 3.3 | 9.9 | 3.7 | 5.5 | 14.8 |
| 67 | | | | | | | | |
| 68 | | | | | | | | |
| 72 | | | | | | | | |
| 77 | | | | | | | | |
| 78 | | | | | | | | |
| 79 | | | | 4.6 | | | | |
| 80 | | | | | | | | |
| 81 | | | | | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | | 2.8 | | 0.9 | 1.3 | 0.7 | 1.2 | 3.1 |
| 83/99 | 7.5 | 15.6 | 4.8 | | | | 6.0 | 26.5 |
| 84 | 7.4 | 12.0 | 5.1 | 4.6 | 8.5 | 4.6 | 4.6 | 29.9 |
| 85/116/117 | | 4.5 | 1.6 | | 2.5 | 1.8 | 2.1 | 5.7 |
| 86/87/97/109/119 | 6.1 | 18.5 | 5.8 | 5.4 | 8.7 | 2.7 | 7.2 | 26.7 |
| 88/91 | 3.8 | 5.5 | 2.5 | 2.3 | 4.3 | 2.7 | 2.4 | 15.1 |
| 89 | | | | | | | | |
| 90/101/113 | 14.9 | 30.3 | 13.8 | 10.5 | 18.0 | 9.1 | 12.6 | 60.5 |
| 92 | 3.3 | 5.8 | 2.5 | 2.0 | 3.7 | 2.0 | 2.4 | 12.5 |
| 93/100 | 30.5 | 37.3 | 24.6 | | | | | |
| 94 | | | | | | | | |
| 95 | | | | 16.9 | 32.8 | 18.1 | 17.6 | 130.0 |
| 96 | 0.4 | | | | 0.4 | | | 1.6 |
| 98/102 | 1.0 | 1.1 | | 0.5 | 1.3 | 0.6 | 0.7 | 3.9 |
| 103 | | | | | | | | |
| 104 | | | | | | | | |
| 105 | 6.0 | 3.8 | 0.8 | 0.9 | 1.6 | 0.7 | 1.5 | 3.2 |
| 106 | | | | | | | | |
| 107/123 | | 0.9 | | | 0.4 | | | |
| 108/124 | | 0.5 | | | | | | |
| 110/115 | 7.8 | 25.1 | 7.5 | 8.6 | 10.7 | 5.4 | 9.6 | 28.2 |
| 111 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 112 | | | | 3.4 | 5.8 | 3.2 | | |
| 114 | | | | | | | | |
| 118 | 1.9 | 13.0 | 2.8 | 2.7 | 4.9 | 2.0 | 3.8 | 10.5 |
| 120 | | | | | | | | |
| 121 | | | | | | | | |
| 122 | | | | | | | | |
| 126 | 0.3 | | | | | | 0.3 | |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 1.0 | 6.2 | 4.3 | 2.0 | 2.8 | 1.5 | 4.0 | 5.3 |
| 130 | | | | | | | | |
| 131 | | | | | | | | |
| 132 | 0.8 | 3.2 | 2.0 | 1.2 | 1.6 | 0.9 | 1.7 | 3.4 |
| 133 | | | | | | | | |
| 134/143 | | | | | | | | |
| 135/151 | 1.4 | 4.4 | 4.4 | 1.6 | 2.6 | 1.0 | 2.4 | 5.3 |
| 136 | 1.4 | 2.5 | 2.5 | 1.2 | 1.7 | 0.8 | 1.5 | 5.6 |
| 137/164 | | 0.8 | | | | | | |
| 139/140 | | | | | | | | |
| 141 | | 0.8 | 1.3 | | | | 1.0 | 0.9 |
| 142 | | | | | | | | |
| 144 | | 0.7 | | | | | | 0.9 |
| 145 | | | | | | | | |
| 146 | | 1.0 | 0.9 | | | | | 0.8 |
| 147/149 | 2.5 | 8.8 | 8.1 | 2.8 | 4.6 | 2.3 | 5.6 | 10.3 |
| 148 | | | | | | | | |
| 150 | | | | | | | | |
| 152 | | | | | | | | |
| 153/168 | 0.6 | 5.4 | 4.8 | 1.8 | 2.7 | 1.3 | 4.8 | 4.5 |
| 154 | | | | | | | | |
| 155 | | | | | | | | |
| 156/157 | | | | | | | | |
| 158 | | | | | | | | 0.6 |
| 159 | | | | | | | | |
| 160 | | 0.6 | | | | | | |
| 161 | | | | | | | | |
| 162 | | | | | | | | |
| 165 | | | | | | | | |
| 167 | | | | | | | | |
| 169 | | | | | | | | |
| Heptachlorobiphenyls | | | | | | | | |
| 170 | | | | | | | 0.7 | |
| 171/173 | | | | | | | | |
| 172 | | | | | | | | |
| 174 | | | 0.9 | | 0.6 | | 2.2 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 175 | | | | | | | | |
| 176 | | | | | | | 0.5 | |
| 177 | | | | | | | 0.7 | |
| 178 | | | | | | | | |
| 179 | | | 1.0 | 0.5 | 0.8 | | 1.3 | 0.7 |
| 180/193 | | | 1.0 | | 0.8 | | 2.7 | |
| 181 | | | | | | | | |
| 182 | | | | | | | | |
| 183/185 | | | | | | | 1.3 | |
| 184 | | | | | | | | |
| 186 | | | | | | | | |
| 187 | | | 1.4 | 0.4 | 1.0 | | 3.1 | 0.9 |
| 188 | | | | | | | | |
| 189 | | | | | | | | |
| 190 | | | | | | | | |
| 191 | | | | | | | | |
| 192 | | | | | | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | | | | | | | | |
| 195 | | | | | | | | |
| 196 | | | | | | | | |
| 197 | | | | | | | 0.6 | |
| 198/199 | | | | | | | | |
| 200 | | | | | | | | |
| 201 | | | | | | | | |
| 202 | | | | | | | | |
| 203 | | | | | | | | |
| 205 | | | | | | | | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | | | | | | | | |
| 207 | | | | | | | | |
| 208 | | | | | | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | | | | | | | | |
| Recoveries | | | | | | | | |
| 14 | 71% | 71% | 71% | 89% | 89% | 89% | 94% | 94% |
| d-65/65 | 91% | 91% | 91% | 109% | 109% | 109% | 109% | 109% |
| 166 | 126% | 126% | 126% | 125% | 125% | 125% | 119% | 119% |
| Batch I.D. | 0097-09 | 0098-01 | 0098-03 | 0098-05 | 0099-02 | 0099-04 | 0099-06 | 0099-07 |
| Sample I.D. | 6101316P 04272009 | 6106912P 03282009 | 6104716P 03282009 | 6100716P 04282009 | 6108916 | 6107716 | 6107916 | 61081P072 809 |
| Deployment Date | 1/30/2009 | 12/13/200 8 | 11/28/200 8 | 1/30/2009 | 6/8/2009 | 7/9/2009 | 6/9/2009 | 4/11/2009 |

| Collection Date | 4/27/2009 | 3/28/2009 | 3/28/2009 | 4/28/2009 | 9/18/2009 | 9/8/2009 | 9/4/2009 | 7/28/2009 |
|---|---|---|---|---|---|---|---|---|
| Monochlorobiphenyls | | | | | | | | |
| 1 | 5.5 | 1.5 | 1.7 | 2.6 | 8.3 | 0.7 | 0.8 | 0.7 |
| 2 | 0.8 | 0.5 | 0.4 | 0.6 | 1.7 | 0.3 | 0.6 | 0.3 |
| 3 | 44.0 | 26.7 | 27.1 | 24.5 | 14.1 | 3.6 | 4.1 | 2.5 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 17.8 | 7.7 | 6.4 | 26.6 | 14.4 | 3.0 | 5.1 | 4.2 |
| 5 | 0.3 | 0.2 | | 0.4 | 0.7 | | 0.2 | |
| 6 | 5.7 | 2.6 | 2.3 | 6.0 | 4.7 | 1.5 | 3.1 | 2.1 |
| 7 | 1.2 | 0.6 | 0.6 | 1.3 | 1.5 | 0.0 | 0.3 | 0.5 |
| 8 | 23.7 | 10.2 | 9.4 | 25.9 | 17.0 | 5.8 | 7.9 | 7.4 |
| 9 | 1.9 | 0.4 | 0.5 | 1.6 | 1.7 | 0.2 | 0.4 | 0.1 |
| 10 | 0.7 | 0.2 | 0.2 | 0.9 | 0.7 | 0.1 | 0.1 | 0.1 |
| 11 | 27.1 | 26.8 | 15.4 | 34.7 | 13.9 | 19.4 | 18.8 | 36.0 |
| 12/13 | 1.2 | 0.5 | 0.4 | 1.1 | 1.1 | 0.4 | 0.6 | 0.5 |
| 15 | 4.9 | 2.6 | 1.6 | 5.6 | 3.7 | 2.0 | 1.9 | 2.5 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 10.8 | 8.3 | 4.9 | 16.2 | 7.3 | 4.3 | 5.2 | 6.7 |
| 17 | 11.7 | 5.8 | 4.1 | 12.5 | 5.7 | 3.4 | 4.1 | 4.6 |
| 18/30 | 25.2 | 12.8 | 9.0 | 27.3 | 16.6 | 16.5 | 17.9 | 16.1 |
| 19 | 3.6 | 1.7 | 1.3 | 4.0 | 1.9 | 1.0 | 1.2 | 1.4 |
| 20/28 | 16.4 | 11.2 | 5.7 | 18.7 | 9.1 | 6.4 | 6.6 | 9.2 |
| 21/33 | 10.9 | 7.1 | 3.3 | 11.7 | 5.7 | 3.8 | 4.1 | 5.3 |
| 22 | 7.0 | 3.5 | 1.6 | 5.9 | 3.0 | 2.1 | 2.1 | 2.9 |
| 23 | 3.2 | | | | | | | |
| 24 | | | 0.1 | 1.1 | 2.8 | 1.6 | 2.0 | 2.6 |
| 25 | 1.2 | 0.7 | 0.4 | 1.3 | 0.8 | 0.4 | | 0.7 |
| 26/29 | 4.2 | 2.4 | 1.5 | 3.9 | 2.2 | 1.6 | 1.7 | 1.9 |
| 27 | 1.7 | | 0.5 | 1.4 | 0.7 | | 0.6 | |
| 31 | 20.3 | 11.0 | 6.0 | 22.0 | 9.3 | 5.7 | 6.5 | 8.2 |
| 32 | 5.9 | 3.5 | 2.1 | 6.6 | 3.1 | 2.0 | 2.3 | 2.7 |
| 34 | 1.1 | | | | | | 0.0 | |
| 35 | | 0.5 | | 0.0 | | | | |
| 36 | | | | | | 0.0 | | |
| 37 | 2.7 | 1.9 | 0.9 | 2.3 | 1.5 | 1.1 | 0.8 | 1.5 |
| 28 | | | | 0.2 | | | | 0.0 |
| 39 | | | | | | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 9.4 | 3.4 | 2.0 | 14.6 | 2.1 | 1.9 | 2.0 | 3.3 |
| 42 | 5.2 | 0.6 | 2.1 | | 2.2 | | | 3.1 |
| 43/73 | | | 0.1 | | 0.1 | | | 0.2 |
| 44/47/65 | 63.4 | | | | | | | |
| 45 | 4.4 | 0.4 | 1.3 | 5.7 | 1.6 | | 1.5 | 0.6 |
| 46 | | | 0.2 | 1.8 | 0.1 | 0.0 | | 0.5 |
| 48 | 4.2 | 0.6 | | | | | | 0.4 |

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|---|---|---|---|---|---|---|---|---|
| 49/69 | 39.8 | 8.0 | 6.5 | 45.5 | 5.0 | 3.4 | 4.5 | 4.8 |
| 50/53 | 7.9 | 1.6 | 1.1 | 8.4 | 1.3 | 0.4 | 0.9 | 0.9 |
| 52 | 205.5 | 33.4 | 36.0 | 261.1 | 20.7 | 14.7 | 19.9 | 18.8 |
| 54 | | | | | 0.0 | 0.0 | | |
| 55 | | 4.1 | | | 1.5 | 2.0 | 0.5 | |
| 56 | 3.2 | | | | 0.3 | | 1.0 | 0.0 |
| 57 | | | | | 0.2 | | | |
| 58 | | 0.6 | | 2.2 | | 0.9 | 1.0 | 1.4 |
| 59/62/75 | 1.1 | 0.6 | 0.7 | 11.1 | 1.4 | 0.2 | 0.2 | 2.8 |
| 60 | 1.7 | 0.9 | 0.1 | 2.0 | 0.1 | | 0.0 | 0.8 |
| 61/70/74/76 | 49.3 | 12.8 | 6.5 | 53.0 | 9.3 | 6.0 | 4.7 | 10.0 |
| 63 | | 3.5 | 1.8 | 5.8 | 1.8 | 3.0 | 0.4 | 4.6 |
| 64 | 16.0 | 4.1 | 2.7 | 19.1 | 2.8 | 2.0 | 2.2 | 3.2 |
| 66 | 10.6 | 4.3 | 1.7 | 12.3 | 3.3 | 2.1 | 2.0 | 3.3 |
| 67 | | 0.8 | 0.7 | 1.8 | 1.1 | 1.5 | 1.6 | 1.8 |
| 68 | | | 0.0 | | | | | 0.1 |
| 72 | | | | | | | 0.0 | |
| 77 | | 0.0 | 0.0 | | | | | |
| 78 | | | | 0.1 | 0.0 | | | |
| 79 | | | | | | 0.0 | | 0.0 |
| 80 | | | | | | 0.0 | | |
| 81 | | | | 0.0 | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | 1.9 | 0.8 | 0.4 | 2.4 | 0.6 | | 0.4 | 0.9 |
| 83/99 | 21.1 | 4.5 | 2.6 | 22.2 | 1.5 | 0.9 | 1.6 | 2.6 |
| 84 | 21.4 | 3.5 | 2.8 | 25.0 | 2.6 | 1.9 | 2.8 | 3.4 |
| 85/116/117 | 4.4 | | | 2.9 | | | 0.2 | 0.8 |
| 86/87/97/109/119 | 19.9 | 5.8 | 3.0 | 21.8 | 3.7 | 2.5 | 3.1 | 6.6 |
| 88/91 | 11.9 | 1.8 | 1.3 | 11.8 | 2.1 | 2.1 | | 1.6 |
| 89 | | 0.0 | 0.0 | 0.6 | 0.0 | | 0.0 | |
| 90/101/113 | 47.8 | 10.4 | 5.8 | 48.2 | 6.1 | 5.9 | 5.8 | 9.6 |
| 92 | 9.5 | 1.8 | 1.2 | 10.3 | 1.1 | 0.9 | 0.5 | 1.7 |
| 93/100 | | | | | | | 10.6 | 0.3 |
| 94 | | 0.0 | | 0.1 | | 0.0 | | 0.0 |
| 95 | 97.5 | 16.5 | 13.1 | 122.4 | 11.0 | 9.4 | 11.3 | 13.4 |
| 96 | 1.2 | 0.2 | 0.2 | 1.3 | 0.0 | 0.0 | 0.0 | |
| 98/102 | 2.0 | 0.4 | 0.2 | 2.2 | | 0.2 | 0.0 | 0.3 |
| 103 | | 0.0 | 0.0 | 0.2 | | 0.0 | 0.0 | 0.0 |
| 104 | | | 0.0 | | | | | |
| 105 | 1.1 | 1.3 | 0.5 | 1.3 | 0.7 | 0.2 | 0.3 | 1.9 |
| 106 | | 0.1 | | | | | | |
| 107/123 | | 0.0 | 0.0 | 0.7 | 0.1 | 0.0 | 0.0 | 0.2 |
| 108/124 | | 0.1 | | | 0.1 | | | |
| 110/115 | 18.8 | 9.2 | 4.1 | 28.8 | 5.7 | 4.0 | 4.2 | 11.5 |
| 111 | | | | | | 0.0 | | |

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|---|---|---|---|---|---|---|---|---|
| 112 | | 3.1 | 1.8 | 15.5 | | | | |
| 114 | | 0.0 | | | 0.0 | | 0.0 | 0.1 |
| 118 | 5.5 | 4.7 | 1.6 | 6.7 | 2.6 | 1.5 | 1.5 | 7.0 |
| 120 | | | | | | | | |
| 121 | | | 0.0 | | | | | |
| 122 | | | | | | | | 0.0 |
| 126 | | 0.4 | 0.3 | 0.3 | 0.3 | 0.1 | 0.1 | 0.1 |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 2.1 | 3.4 | 1.0 | 2.5 | 1.0 | 1.6 | 0.6 | 4.7 |
| 130 | | | | 0.1 | 0.0 | | | 0.1 |
| 131 | | | | | | | | |
| 132 | 1.5 | 1.5 | 0.4 | 1.8 | 0.7 | 0.6 | 0.4 | 1.9 |
| 133 | | | | | 0.0 | | | |
| 134/143 | | | | 0.3 | | | 0.1 | 0.1 |
| 135/151 | 3.7 | 2.2 | 0.4 | 3.9 | 0.6 | 1.8 | 0.2 | 2.4 |
| 136 | 4.1 | 1.3 | 0.6 | 4.3 | 0.2 | 0.9 | 0.2 | 1.2 |
| 137/164 | | | | | 0.0 | | | 0.0 |
| 139/140 | | | | 0.0 | | | 0.0 | |
| 141 | | 0.7 | 0.1 | 0.3 | 0.1 | 0.3 | 0.1 | 0.8 |
| 142 | | | | | 0.0 | | | |
| 144 | | 0.3 | | 0.7 | 0.0 | | 0.0 | 0.2 |
| 145 | | | | | | | | |
| 146 | | 0.1 | 0.1 | 0.5 | 0.0 | 0.1 | 0.0 | 0.6 |
| 147/149 | 6.1 | 4.7 | 1.5 | 7.6 | 1.9 | 3.0 | 1.3 | 5.0 |
| 148 | | | | | | | | |
| 150 | | | | 0.0 | | | | |
| 152 | | | | | | | | |
| 153/168 | 2.4 | 3.2 | 0.8 | 2.7 | 1.2 | 1.9 | 0.5 | 4.1 |
| 154 | | 0.0 | | 0.0 | | | 0.0 | 0.0 |
| 155 | | 0.0 | 0.0 | 0.0 | | | | |
| 156/157 | | | | | 1.9 | 0.0 | 0.3 | 0.2 |
| 158 | | | 0.1 | 0.1 | | | 0.0 | 0.6 |
| 159 | | | | | | | | |
| 160 | | | | 2.1 | | 0.9 | 0.5 | |
| 161 | | 0.2 | | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162 | | | | | | | | |
| 165 | | | | | | | | |
| 167 | | 0.0 | | | 0.0 | | | |
| 169 | | 0.0 | | | | | | 0.0 |
| Heptachlorobiphenyls | | | | | | | | |
| 170 | | 0.0 | 0.0 | 0.0 | | | | 0.0 |
| 171/173 | | | 0.0 | | 0.0 | | | 0.0 |
| 172 | | | | | | | | |
| 174 | | | | | 0.2 | 0.4 | 0.0 | 1.0 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 175 | | | | | | | | |
| 176 | | 0.1 | | 0.0 | | 0.0 | | 0.1 |
| 177 | | 0.2 | | 0.0 | | 0.0 | 0.0 | |
| 178 | | | | | | | | 0.2 |
| 179 | | 0.5 | 0.1 | 0.5 | 0.1 | 0.4 | 0.1 | 0.9 |
| 180/193 | | 0.5 | 0.2 | 0.4 | 0.2 | 0.3 | 0.1 | 0.9 |
| 181 | | | | | | | | |
| 182 | | | | | | | | |
| 183/185 | | | 0.0 | 0.1 | 0.1 | 0.2 | 0.0 | 0.7 |
| 184 | | | | | | | 0.0 | 0.0 |
| 186 | | | | | | | | |
| 187 | | 0.7 | 0.3 | 0.4 | 0.3 | 0.5 | 0.3 | 1.6 |
| 188 | | | | | | | | |
| 189 | | | | | | | | |
| 190 | | | | | | | | |
| 191 | | | | | | | | |
| 192 | | | | | | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | | 0.0 | 0.0 | | | 0.0 | | |
| 195 | | | | | | | | |
| 196 | | 0.0 | 0.0 | | | 0.0 | | 0.0 |
| 197 | | | | | | | | |
| 198/199 | | | 0.1 | | | | 0.0 | 0.0 |
| 200 | | | | | | | | 0.0 |
| 201 | | 0.0 | | | | | 0.0 | 0.1 |
| 202 | | 0.0 | 0.0 | 0.0 | | 0.0 | 0.0 | 0.1 |
| 203 | | | | | 0.0 | 0.0 | | 0.0 |
| 205 | | | | | 0.0 | | | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | | | 0.0 | | | | | |
| 207 | | | | | | | | |
| 208 | | | 0.0 | | 0.0 | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | | | 0.0 | | 0.1 | 0.1 | 0.0 | 0.1 |
| Recoveries | | | | | | | | |
| 14 | 94% | 74% | 68% | 63% | 64% | 57% | 59% | 57% |
| d-65/65 | 109% | 121% | 105% | 87% | 102% | 87% | 95% | 88% |
| 166 | 119% | 92% | 87% | 87% | 85% | 75% | 72% | 74% |

| Batch I.D. | 0100-02 | 0100-03 | 0100-04 | 0100-06 | 0100-08 | 0122-02 | 0122-04 | 0122-05 |
|---|---|---|---|---|---|---|---|---|
| Sample I.D. | 6106916 | 6100911YR2 | 6102711P081509 | 6102911YR2 | 6103311YR2 | 6100113YR2 | 6100313YR2 | 6100513YR2 |
| Deployment Date | 6/10/2009 | 5/2/2009 | 5/14/2009 | 5/18/2009 | 5/31/2009 | 8/2/2009 | 8/2/2009 | 8/2/2009 |
| Collection Date | 9/8/2009 | 8/31/2009 | 8/15/2009 | 8/24/2009 | 8/24/2009 | 10/13/2009 | 10/27/200 | 11/2/2009 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Monochlorobiphenyls | | | | | | | | |
| 1 | 0.6 | 1.5 | 1.0 | 0.7 | 1.0 | 0.7 | 1.2 | 1.7 |
| 2 | 0.3 | 0.6 | 0.4 | 0.3 | 0.3 | 0.6 | | 0.7 |
| 3 | 4.9 | 7.9 | 3.1 | 1.9 | 3.0 | 8.3 | 5.6 | 8.1 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 4.5 | 24.9 | 11.7 | 3.5 | 4.4 | 18.2 | 10.4 | 20.4 |
| 5 | 0.2 | 0.5 | 0.3 | 0.1 | 0.2 | | | |
| 6 | 2.2 | 6.7 | 4.2 | 1.1 | 2.1 | 3.8 | 4.7 | 4.6 |
| 7 | 0.5 | 1.2 | 0.7 | 0.3 | 0.5 | 0.8 | | 1.1 |
| 8 | 8.0 | 28.1 | 21.8 | 5.8 | 7.9 | 13.2 | 12.1 | 17.3 |
| 9 | 0.5 | 2.0 | 0.9 | 0.3 | 0.6 | 0.7 | | 1.0 |
| 10 | 0.2 | 0.7 | 0.3 | 0.1 | 0.2 | | | |
| 11 | 33.9 | 26.5 | 28.6 | 13.0 | 28.6 | 24.0 | 41.7 | 62.5 |
| 12/13 | 0.5 | 1.2 | 0.8 | 0.4 | 0.4 | | 0.9 | 0.8 |
| 15 | 2.3 | 6.8 | 6.4 | 2.1 | 2.0 | 3.2 | 2.6 | 4.1 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 6.5 | 23.2 | 35.2 | 6.3 | 4.9 | 6.3 | 5.3 | 7.9 |
| 17 | 5.0 | 18.4 | 25.2 | 4.1 | 3.9 | 7.0 | 6.0 | 10.5 |
| 18/30 | 17.0 | 17.6 | 15.2 | 15.3 | 16.3 | 14.9 | 12.9 | 20.5 |
| 19 | 1.5 | 6.0 | 5.9 | 1.1 | 1.1 | 2.8 | 1.9 | 3.6 |
| 20/28 | 9.0 | 26.3 | 46.1 | 8.9 | 6.8 | 10.9 | 9.2 | 12.3 |
| 21/33 | 6.1 | 18.6 | 32.9 | 5.5 | 4.6 | 6.6 | 5.4 | 7.6 |
| 22 | 3.2 | 8.9 | 16.7 | 3.1 | 2.5 | 4.5 | 3.5 | 4.3 |
| 23 | | | | | | | 1.9 | 0.8 |
| 24 | 2.5 | 9.0 | 13.5 | 2.4 | 0.0 | | | |
| 25 | 0.7 | 2.1 | 3.4 | 0.7 | 0.5 | 1.0 | 0.8 | 1.0 |
| 26/29 | 2.1 | 5.5 | 8.7 | 2.1 | 1.5 | 2.6 | | 2.6 |
| 27 | 0.6 | 2.1 | 3.2 | | 0.5 | 1.0 | 0.8 | 1.8 |
| 31 | 8.9 | 26.6 | 43.0 | 8.9 | 6.7 | 10.6 | 8.6 | 12.8 |
| 32 | 2.9 | 9.8 | 15.0 | 2.7 | 2.2 | 4.1 | 3.4 | 5.1 |
| 34 | | 0.0 | | | 0.0 | | | 1.8 |
| 35 | 0.4 | | 0.6 | | 0.1 | | | 1.1 |
| 36 | | 0.0 | | | 0.0 | | 0.7 | |
| 37 | 1.4 | 3.7 | 9.2 | 1.7 | 1.0 | 2.3 | 1.7 | 1.7 |
| 28 | | | | 0.0 | | | | |
| 39 | | | | | | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 2.6 | 6.0 | 11.1 | 4.9 | | 3.6 | 2.5 | 3.0 |
| 42 | | | 11.0 | 0.4 | 0.3 | 1.7 | | 1.8 |
| 43/73 | 0.2 | 0.4 | 1.8 | 0.1 | | | | |
| 44/47/65 | | | | | | 9.7 | 11.1 | 8.9 |
| 45 | 2.7 | 5.4 | 8.7 | 3.0 | 2.4 | 2.3 | 2.7 | 2.2 |
| 46 | 0.2 | 0.9 | 2.0 | 0.6 | 0.5 | | | |
| 48 | 0.6 | 1.5 | 3.2 | | | 1.5 | 4.5 | 5.2 |
| 49/69 | 5.5 | 13.0 | 17.2 | 9.5 | 4.0 | 5.3 | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 50/53 | 1.5 | 3.7 | 4.5 | 1.9 | 0.8 | 1.8 | | 1.9 |
| 52 | 19.5 | 45.1 | 36.8 | 42.7 | 13.6 | 5.7 | 4.6 | 4.9 |
| 54 | 0.0 | | | | 0.0 | | | |
| 55 | 3.3 | 6.9 | | 0.7 | 4.7 | | | |
| 56 | 0.1 | 0.9 | 7.1 | 2.8 | 0.9 | 1.9 | 1.3 | 1.1 |
| 57 | | | | 0.5 | | | | |
| 58 | 2.4 | 2.1 | 0.9 | | 7.1 | | | |
| 59/62/75 | 1.5 | 9.0 | 11.6 | 3.8 | 4.4 | | | |
| 60 | | | 4.7 | 1.3 | | 1.2 | | |
| 61/70/74/76 | 9.6 | 21.8 | 30.9 | 22.4 | 8.0 | 9.8 | 8.7 | 7.5 |
| 63 | 8.4 | 8.5 | 3.8 | 3.6 | 23.1 | | | |
| 64 | 3.1 | 7.4 | 9.8 | 5.3 | 2.8 | 3.3 | 2.5 | 2.7 |
| 66 | 3.4 | 7.1 | 15.8 | 5.8 | | 3.6 | 3.1 | 1.5 |
| 67 | 3.3 | 3.3 | 1.9 | 1.5 | 11.2 | | | |
| 68 | | 0.3 | | | | | | |
| 72 | | | | 0.0 | | | | |
| 77 | | 0.0 | | | | | | |
| 78 | | | | 0.2 | 0.4 | | | 1.1 |
| 79 | | 0.0 | | | 0.1 | | | |
| 80 | | | | | | | | |
| 81 | | | | | 0.0 | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | 0.5 | 1.8 | 1.0 | 3.1 | 0.3 | | | |
| 83/99 | 3.1 | 8.3 | 5.1 | 13.7 | 2.3 | 2.4 | 4.4 | 3.1 |
| 84 | 2.7 | 7.4 | 3.9 | 10.1 | 1.9 | 3.4 | 3.3 | 2.4 |
| 85/116/117 | 0.7 | 1.0 | 0.4 | 2.0 | | | | |
| 86/87/97/109/119 | 4.1 | 11.0 | 6.2 | 19.4 | 2.8 | 5.8 | 6.0 | 2.2 |
| 88/91 | 1.7 | 2.3 | 1.1 | 10.0 | 0.5 | 1.3 | 1.1 | 0.9 |
| 89 | 0.0 | | 0.1 | 0.1 | 0.0 | | | |
| 90/101/113 | 7.3 | 17.1 | 11.1 | 30.6 | 4.7 | 13.4 | 9.4 | 6.9 |
| 92 | 1.3 | 3.1 | 2.0 | 5.6 | 0.9 | 2.0 | 1.5 | 1.4 |
| 93/100 | | | | | | | | |
| 94 | 0.0 | | | | | | | |
| 95 | 12.1 | 28.0 | 16.6 | 39.3 | 8.0 | 16.1 | 11.3 | 8.3 |
| 96 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | | | |
| 98/102 | | 0.4 | | 0.7 | 0.0 | | | |
| 103 | | 0.0 | | 0.1 | 0.0 | | | |
| 104 | | 0.0 | | | | | | |
| 105 | 0.9 | 2.2 | 0.3 | 5.4 | 0.4 | 1.0 | 1.4 | 0.7 |
| 106 | | 0.0 | | | | | | |
| 107/123 | 0.2 | 0.1 | 0.0 | 1.8 | 0.0 | | | |
| 108/124 | | | | | | | | |
| 110/115 | 6.9 | 17.6 | 9.4 | 37.4 | 4.3 | 9.1 | 9.8 | 4.8 |
| 111 | | | | | | | | |
| 112 | 4.1 | 11.1 | 6.8 | 17.9 | 3.1 | 1.5 | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 114 | 0.0 | 0.0 | | | 0.0 | | | |
| 118 | 3.0 | 8.3 | 4.0 | 19.9 | 1.7 | 3.8 | 4.5 | 2.2 |
| 120 | | | 0.0 | 0.0 | | | | |
| 121 | | | | | | | | |
| 122 | | | | | | | | |
| 126 | 0.1 | 0.0 | 0.0 | 0.0 | 0.4 | | | |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 2.2 | 5.0 | 3.8 | 13.8 | 1.0 | 7.2 | 3.5 | 2.0 |
| 130 | | 0.4 | 0.0 | 0.8 | | | | |
| 131 | | 0.0 | 0.0 | 0.2 | | | | |
| 132 | 1.1 | 2.7 | 1.7 | 5.9 | 0.3 | 3.7 | | |
| 133 | 0.0 | 0.0 | | | | | | |
| 134/143 | 0.2 | 0.4 | 0.2 | 0.9 | 0.0 | | | |
| 135/151 | 1.6 | 1.3 | 1.8 | 4.8 | 0.6 | 7.8 | 2.2 | 1.6 |
| 136 | 0.9 | 1.8 | 0.5 | 3.0 | 0.5 | 3.8 | | |
| 137/164 | 0.0 | 0.1 | 0.0 | 1.5 | 0.0 | | | |
| 139/140 | | 0.1 | 0.0 | 0.1 | | | | |
| 141 | 0.6 | 1.2 | 1.1 | 1.9 | 0.2 | 2.5 | | |
| 142 | 0.0 | | | | | | | |
| 144 | 0.2 | 0.1 | 0.2 | 0.8 | 0.0 | | | |
| 145 | | | | | | | | |
| 146 | 0.4 | 0.8 | 0.7 | 1.8 | | 2.0 | | |
| 147/149 | 3.1 | 6.4 | 6.4 | 12.7 | 1.5 | 15.1 | 4.7 | 1.4 |
| 148 | | | | | | | | |
| 150 | | | | | | | | |
| 152 | | | 0.0 | | | | | |
| 153/168 | 2.0 | 4.3 | 4.5 | 9.1 | 0.9 | 9.5 | 3.3 | 1.8 |
| 154 | | 0.0 | 0.3 | | 0.1 | | | |
| 155 | | | 0.0 | 0.0 | 0.0 | | | |
| 156/157 | 0.0 | 0.0 | 0.0 | 0.9 | | | | |
| 158 | 0.1 | 0.1 | 0.1 | 1.6 | 0.0 | | | |
| 159 | | | | | | | | |
| 160 | | | 3.4 | | | | | |
| 161 | 0.3 | 0.6 | 0.5 | 1.2 | 0.1 | | | |
| 162 | 0.0 | | | | | | | |
| 165 | | | | | | | | |
| 167 | | 0.0 | | 0.3 | | | | |
| 169 | | | 0.0 | 0.0 | | | | |
| Heptachlorobiphenyls | | | | | | | | |
| 170 | 0.0 | 0.0 | 0.1 | 0.3 | | | | |
| 171/173 | 0.1 | | 0.0 | 0.3 | | | | |
| 172 | | 0.0 | 0.0 | 0.0 | | | | |
| 174 | 0.4 | 0.6 | 1.2 | 0.7 | 0.0 | | | |
| 175 | | 0.0 | 0.0 | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 176 | 0.0 | 0.1 | 0.2 | 0.2 | 0.0 | | | |
| 177 | 0.2 | 0.3 | 0.6 | 0.5 | | | | |
| 178 | | 0.0 | | 0.1 | | | | |
| 179 | 0.3 | 0.6 | 1.1 | 0.8 | 0.1 | 2.3 | | |
| 180/193 | 0.5 | 0.6 | 0.1 | 1.4 | 0.4 | 1.6 | | |
| 181 | | | | 0.0 | | | | |
| 182 | | | | | | | | |
| 183/185 | 0.7 | 1.3 | 1.0 | 1.9 | 0.3 | 1.6 | | |
| 184 | | | | | | | | |
| 186 | | | | | | | | |
| 187 | 0.6 | 1.0 | 1.9 | 1.7 | 0.4 | | | |
| 188 | | | | | | | | |
| 189 | | | | | | | | |
| 190 | | | | 0.0 | | | | |
| 191 | | | | | | | | |
| 192 | | | | | | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | 0.0 | | | 0.0 | | | | |
| 195 | | | 0.0 | | | | | |
| 196 | | | 0.0 | | | | | |
| 197 | | | | 0.1 | | | | |
| 198/199 | | 0.1 | 0.2 | 0.2 | | | | |
| 200 | | | 0.0 | 0.1 | | | | |
| 201 | | | | 0.0 | 0.0 | | | |
| 202 | 0.0 | 0.1 | 0.1 | 0.3 | 0.0 | | | |
| 203 | 0.0 | 0.0 | | | | | | |
| 205 | | | | | | | | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | | | | 0.2 | 0.1 | | | |
| 207 | | | | 0.0 | | | | |
| 208 | | | 0.0 | 0.1 | 0.0 | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | 0.0 | 0.1 | 0.0 | 0.1 | 0.1 | | | |
| Recoveries | | | | | | | | |
| 14 | 64% | 65% | 62% | 63% | 64% | 89% | 80% | 83% |
| d-65/65 | 105% | 124% | 131% | 108% | 95% | 100% | 90% | 89% |
| 166 | 84% | 83% | 78% | 82% | 80% | 93% | 82% | 83% |

| Batch I.D. | 0122-08 | 0123-01 | 0123-03 | 0123-06 | 0123-08 | 0124-02 | 0124-03 | 0124-05 |
|---|---|---|---|---|---|---|---|---|
| Sample I.D. | 6100713Y R2 | 6101113Y R2 | 6101313Y R2 | 6101913Y R2 | 6102113Y R2 | 6102313Y R2 | 6102513Y R2 | 6102713Y R2 |
| Deployment Date | 8/2/2009 | 8/2/2009 | 8/2/2009 | 8/15/2009 | 8/2/2009 | 8/15/2009 | 8/15/2009 | 8/15/2009 |
| Collection Date | 10/27/200 | 11/12/200 | 10/12/200 | 11/23/200 | 11/18/2009 | 11/21/2009 | 11/17/200 | 11/18/2009 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 1.8 | 0.9 | 0.4 | 1.8 | 1.9 | 1.5 | 0.7 | 1.1 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 2 | 0.6 | 0.6 | 0.6 | 0.7 | 0.7 | 0.5 | 0.4 | 0.8 |
| 3 | 9.1 | 11.0 | 9.3 | 10.2 | 7.9 | 4.8 | 7.6 | 8.5 |
| Dichlorobiphenyl | | | | | | | | |
| 4 | 20.8 | 28.5 | 25.0 | 25.4 | 17.6 | 10.5 | 23.6 | 31.7 |
| 5 | | | | | | | | |
| 6 | 4.6 | 5.2 | 4.6 | 3.7 | 2.8 | 2.9 | 4.0 | 5.5 |
| 7 | 1.0 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.8 | 0.8 |
| 8 | 16.2 | 17.3 | 17.2 | 11.9 | 9.0 | 7.9 | 13.5 | 22.6 |
| 9 | 0.9 | 1.2 | 1.1 | 0.8 | 0.4 | 0.4 | 1.0 | 1.2 |
| 10 | | 0.8 | 0.7 | 0.7 | 0.6 | 0.4 | 0.8 | 0.8 |
| 11 | 28.6 | 29.6 | 31.7 | 23.5 | 13.2 | 23.9 | 27.5 | 38.0 |
| 12/13 | 0.7 | 0.9 | 0.8 | 0.5 | 0.5 | 0.5 | 0.4 | 1.1 |
| 15 | 3.4 | 4.2 | 4.1 | 1.9 | 1.6 | 2.0 | 2.6 | 6.1 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 7.4 | 9.5 | 11.3 | 4.7 | 3.4 | 4.3 | 5.6 | 21.0 |
| 17 | 9.3 | 11.9 | 13.1 | 7.0 | 5.0 | 4.9 | 7.8 | 24.1 |
| 18/30 | 18.7 | 26.4 | 31.0 | 16.3 | 10.9 | 10.6 | 16.9 | 50.8 |
| 19 | 3.0 | 4.2 | 4.9 | 3.1 | 1.8 | 1.5 | 3.1 | 6.6 |
| 20/28 | 11.9 | 19.5 | 19.1 | 8.5 | 6.7 | 8.8 | 9.6 | 44.2 |
| 21/33 | 7.7 | 10.8 | 10.8 | 4.4 | 3.6 | 5.4 | 5.8 | 27.8 |
| 22 | 4.9 | 6.5 | 6.2 | 2.7 | 2.1 | 3.3 | 3.2 | 16.0 |
| 23 | 0.8 | | | | | | 0.4 | |
| 24 | | | | | | | | |
| 25 | 1.3 | 1.4 | 1.5 | 0.6 | 0.4 | 0.6 | 0.8 | 2.8 |
| 26/29 | 2.5 | 3.6 | 3.9 | 1.7 | 1.2 | 1.9 | 2.1 | 8.1 |
| 27 | 1.2 | 1.7 | 1.9 | 1.0 | 0.7 | 0.7 | 1.1 | 3.6 |
| 31 | 12.5 | 17.7 | 18.7 | 7.4 | 6.1 | 8.6 | 9.1 | 40.1 |
| 32 | 4.4 | 6.0 | 7.3 | 3.4 | 2.3 | 2.8 | 4.1 | 14.0 |
| 34 | 2.3 | | | | | | | |
| 35 | | 0.4 | | | 1.2 | | | 0.7 |
| 36 | | | | | | | | |
| 37 | 2.0 | 3.7 | 2.7 | 1.5 | 0.7 | 2.2 | 1.8 | 8.9 |
| 28 | | | | | | | | |
| 39 | | | | | | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 3.6 | 5.6 | 7.7 | 2.3 | 1.4 | 3.3 | 2.6 | 11.6 |
| 42 | 1.9 | 2.6 | 3.5 | 1.3 | 0.9 | 1.6 | 1.3 | 5.2 |
| 43/73 | | 23.9 | 83.9 | 15.0 | 10.3 | | | |
| 44/47/65 | 9.0 | 14.0 | 34.5 | 7.6 | 5.4 | 8.7 | 7.5 | 21.8 |
| 45 | 2.0 | 3.3 | 4.6 | 1.8 | 1.1 | 1.8 | 1.7 | 5.9 |
| 46 | | 1.1 | 1.6 | | | | | 1.9 |
| 48 | 1.7 | 2.4 | 2.9 | 1.3 | 0.7 | 1.2 | 1.1 | 5.0 |
| 49/69 | 5.3 | 8.1 | 17.1 | 4.5 | 2.9 | 4.9 | 4.3 | 13.2 |
| 50/53 | 1.9 | 2.6 | 4.7 | 1.3 | 1.0 | 1.3 | 1.5 | 4.0 |
| 52 | 5.2 | 23.9 | 83.9 | 15.0 | 10.3 | 19.7 | 16.9 | 33.0 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 54 | | | | | | | | |
| 55 | | | | | | | | |
| 56 | 1.3 | 2.7 | 5.4 | 1.2 | 0.7 | 1.9 | 1.0 | 5.8 |
| 57 | | | | | | | | |
| 58 | | | | | | | | |
| 59/62/75 | | 1.0 | 1.0 | | | | | 1.8 |
| 60 | | 1.3 | 2.2 | 0.5 | | 1.0 | 0.6 | 4.0 |
| 61/70/74/76 | 8.7 | | | | | 11.8 | 7.4 | 25.8 |
| 63 | | | | | | | | |
| 64 | 3.1 | 4.6 | 9.9 | 2.1 | 1.4 | 2.7 | 2.3 | 7.7 |
| 66 | 3.1 | 5.6 | 11.8 | 2.3 | 1.6 | 3.8 | 2.8 | 13.7 |
| 67 | | | | | | | | |
| 68 | | | | | | | | |
| 72 | | 14.3 | 47.4 | 7.4 | 5.0 | | | |
| 77 | | | | | | | | |
| 78 | | | | | | | | |
| 79 | | | | | | | | |
| 80 | | | | | | | | |
| 81 | | | | | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | | 1.0 | 10.3 | 0.8 | | 1.1 | | 1.0 |
| 83/99 | 3.1 | 5.6 | 38.0 | 4.5 | 2.4 | 5.5 | 3.9 | 5.7 |
| 84 | 2.4 | 3.8 | 30.4 | 3.1 | 1.8 | 4.1 | 2.8 | 3.4 |
| 85/116/117 | 1.1 | 1.7 | 11.1 | 1.7 | 0.6 | 1.8 | 1.6 | 1.9 |
| 86/87/97/109/119 | 3.6 | 1.9 | 17.3 | 1.7 | 1.2 | 7.7 | 4.5 | 4.2 |
| 88/91 | 1.0 | 1.6 | 10.1 | 1.4 | 0.8 | 1.9 | 1.6 | 1.9 |
| 89 | | | | | | | | |
| 90/101/113 | 6.9 | 11.7 | 76.8 | 9.1 | 5.2 | 11.4 | 7.9 | 11.3 |
| 92 | 1.2 | 2.1 | 13.6 | 1.7 | 1.0 | 2.2 | 1.6 | 2.1 |
| 93/100 | | | | | | | | |
| 94 | | | | | | | | |
| 95 | 9.3 | 14.4 | 89.7 | 10.9 | 6.9 | 13.5 | 10.9 | 13.3 |
| 96 | | | 0.7 | | | | | |
| 98/102 | | | 2.3 | | | | | |
| 103 | | | | | | | | |
| 104 | | | | | | | | |
| 105 | 0.7 | 1.2 | 16.9 | 1.3 | | 1.7 | 0.7 | 1.2 |
| 106 | | | | | | | | |
| 107/123 | | | 4.2 | | | | | |
| 108/124 | | | 2.3 | | | | | |
| 110/115 | 4.9 | 8.8 | 87.2 | 7.6 | 3.3 | 10.5 | 5.6 | 8.2 |
| 111 | | | | | | | | |
| 112 | | | | | | | | |
| 114 | | | 1.1 | | | | | |
| 118 | 2.1 | 4.3 | 48.3 | 3.9 | 1.2 | 5.2 | 2.5 | 3.6 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 120 | | | | | | | | |
| 121 | | | | | | | | |
| 122 | | | 0.7 | | | | | |
| 126 | | 0.4 | | | 0.4 | | | 0.5 |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 1.9 | 3.1 | 33.8 | 3.4 | 0.6 | 2.9 | 1.3 | 3.0 |
| 130 | | | 2.5 | | | | | |
| 131 | | | 1.1 | | | | | |
| 132 | | 1.6 | 17.6 | 1.8 | | 1.9 | 1.1 | 2.0 |
| 133 | | | | | | | | |
| 134/143 | | | 3.1 | | | | | |
| 135/151 | | 2.2 | 12.5 | 1.7 | | 2.4 | 1.2 | 3.0 |
| 136 | 2.4 | 1.2 | 8.3 | 1.1 | 0.5 | 1.0 | 0.7 | 1.6 |
| 137/164 | | | 2.5 | | | | | |
| 139/140 | | | 1.1 | | | | | |
| 141 | | | 5.9 | | | 0.7 | | 1.2 |
| 142 | | | | | | | | |
| 144 | | | 2.1 | | | | | |
| 145 | | | | | | | | |
| 146 | | | 4.6 | 3.9 | 0.8 | | | |
| 147/149 | | 4.5 | 31.0 | 4.0 | 1.1 | 4.4 | 2.6 | 6.3 |
| 148 | | | | | | | | |
| 150 | | | | | | | | |
| 152 | | | | | | | | |
| 153/168 | 1.8 | 2.8 | 21.8 | | | 3.2 | 1.5 | 4.5 |
| 154 | | | | | | | | |
| 155 | | | | | | | | |
| 156/157 | | | | | | | | |
| 158 | | | 4.0 | | | | | |
| 159 | | | | | | | | |
| 160 | | | | | | | | |
| 161 | | | | | | | | |
| 162 | | | | | | | | |
| 165 | | | | | | | | |
| 167 | | | 0.9 | | | | | |
| 169 | | | | | | | | |
| Heptachlorobiphenyls | | | | | | | | |
| 170 | | | | | | | | |
| 171/173 | | | 0.7 | | | | | |
| 172 | | | | | | | | |
| 174 | | | 1.5 | | | | | 1.3 |
| 175 | | | | | | | | |
| 176 | | | | | | | | |
| 177 | | | 0.8 | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 178 | | | | | | | | |
| 179 | | | | | | | | |
| 180/193 | | 0.7 | 1.8 | 0.7 | | 0.9 | | 0.7 |
| 181 | | | | | | | | |
| 182 | | | | | | | | |
| 183/185 | | 0.6 | 1.2 | | | | | 0.9 |
| 184 | | | 0.5 | | | | | |
| 186 | | | | | | | | |
| 187 | | 1.2 | 1.4 | 0.8 | | 0.9 | | 1.8 |
| 188 | | 0.5 | 1.0 | 0.4 | | 0.6 | | 1.1 |
| 189 | | | | | | | | |
| 190 | | | | | | | | |
| 191 | | | | | | | | |
| 192 | | | | | | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | | | | | | | | |
| 195 | | | | | | | | |
| 196 | | | | | | | | |
| 197 | | | | | | | | |
| 198/199 | | | | | | | | |
| 200 | | | | | | | | |
| 201 | | | | | | | | |
| 202 | | 0.7 | | | | | | |
| 203 | | | | | | | | |
| 205 | | | | | | | | |
| Nonachlorobiphe | | | | | | | | |
| 206 | | | | | | | | |
| 207 | | | | | | | | |
| 208 | | | | | | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | | | | | | | | |
| Recoveries | | | | | | | | |
| 14 | 78% | 89% | 81% | 81% | 82% | 67% | 65% | 66% |
| d-65/65 | 85% | 94% | 86% | 86% | 88% | 72% | 72% | 75% |
| 166 | 85% | 86% | 91% | 83% | 88% | 78% | 86% | 82% |

| Batch I.D. | 0124-07 | 0125-02 | 0125-03 | 0125-05 | 0125-07 | 0125-09 | 0126-01 | 0126-03 |
|---|---|---|---|---|---|---|---|---|
| Sample I.D. | 6102913YR2 | 6103738P02272010 | 6103515P02272010 | 6103315P03012010 | 6102715P02222010 | 6102915P02272010 | 6102315P02272010 | 6101915P02222010 |
| Deployment Date | 8/24/2009 | 11/21/200 | 11/28/200 | 11/17/200 | 11/17/2009 | 11/24/2009 | 11/21/200 | 11/23/2009 |
| Collection Date | 11/24/200 | 2/27/2010 | 2/27/2010 | 3/1/2010 | 2/22/2010 | 2/27/2010 | 2/27/2010 | 2/22/2010 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 2.7 | 2.0 | 2.1 | 2.9 | 2.3 | 1.7 | 1.9 | 4.9 |
| 2 | 0.7 | 0.9 | 0.9 | 0.9 | 0.6 | 0.8 | 0.6 | 1.3 |
| 3 | 11.2 | 5.8 | 4.1 | 4.7 | 4.9 | 5.9 | 5.3 | 14.0 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Dichlorobiphenyls | | | | | | | | |
| 4 | 29.2 | 7.8 | 7.0 | 9.1 | 9.8 | 7.6 | 4.0 | 10.6 |
| 5 | | | | | | | 0.2 | 0.7 |
| 6 | 3.5 | 2.8 | 2.9 | 4.0 | 3.9 | 3.2 | 2.1 | 6.9 |
| 7 | 0.8 | 0.7 | 0.7 | 0.9 | 0.8 | 0.9 | 0.5 | 1.2 |
| 8 | 11.9 | 9.7 | 10.1 | 12.4 | 15.8 | 11.4 | 7.3 | 27.4 |
| 9 | 0.9 | 1.1 | 0.9 | 1.3 | 1.3 | 1.3 | 0.6 | 1.7 |
| 10 | 1.2 | 0.3 | | 0.4 | | | | 0.3 |
| 11 | 20.1 | 12.6 | 19.1 | 21.6 | 29.4 | 23.6 | 12.5 | 20.8 |
| 12/13 | 0.7 | 0.6 | | 0.9 | 1.0 | 0.9 | 0.5 | 1.8 |
| 15 | 2.6 | 2.0 | 2.4 | 3.1 | 4.9 | 3.5 | 1.4 | 7.4 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 6.2 | 3.8 | 5.6 | 5.6 | 13.8 | 6.3 | 2.7 | 12.2 |
| 17 | 7.9 | 5.2 | 6.6 | 6.9 | 16.7 | 7.4 | 3.0 | 12.2 |
| 18/30 | 18.5 | 10.7 | 14.7 | 15.0 | 33.4 | 16.1 | 7.0 | 27.3 |
| 19 | 2.8 | 1.6 | 2.0 | 2.0 | 4.1 | 1.6 | 0.9 | 3.2 |
| 20/28 | 14.2 | 7.3 | 11.0 | 12.8 | 30.4 | 15.7 | 5.1 | 22.1 |
| 21/33 | 8.1 | 3.9 | 6.3 | 7.2 | 18.0 | 8.5 | 3.3 | 14.4 |
| 22 | 4.8 | 2.6 | 3.6 | 4.1 | 10.7 | 5.0 | 1.7 | 7.7 |
| 23 | | 0.4 | | | 0.5 | | | 1.2 |
| 24 | | | | | | | | |
| 25 | 0.8 | 0.7 | 0.8 | 0.9 | 1.9 | 1.0 | | 1.9 |
| 26/29 | 2.5 | 1.9 | 2.2 | 2.4 | 5.8 | 3.0 | 1.2 | 5.1 |
| 27 | 1.1 | 0.9 | 1.0 | 1.1 | 2.6 | 1.1 | 0.4 | 1.9 |
| 31 | 15.2 | 6.8 | 10.1 | 12.5 | 27.1 | 15.3 | 5.2 | 22.2 |
| 32 | 4.3 | 2.7 | 3.7 | 4.0 | 9.4 | 4.4 | 1.7 | 7.2 |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | | | | | | | | |
| 37 | 2.3 | 1.5 | 2.0 | 2.5 | 5.3 | 2.6 | 1.1 | 3.5 |
| 28 | | | | | | | | |
| 39 | | | | | | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 6.5 | 2.5 | 7.2 | 11.6 | 8.7 | 7.0 | 1.2 | 4.8 |
| 42 | 3.2 | 2.1 | 3.9 | 5.0 | 4.5 | 1.8 | 0.9 | 3.0 |
| 43/73 | | 10.7 | 38.5 | 75.2 | 47.7 | 83.2 | 3.3 | 8.7 |
| 44/47/65 | 35.4 | 5.9 | 17.0 | 28.8 | 23.0 | 33.1 | 5.8 | 16.2 |
| 45 | 3.1 | 1.6 | 2.2 | 3.9 | 4.7 | 3.1 | 1.0 | 3.3 |
| 46 | | | | | 1.4 | | | 1.2 |
| 48 | 2.9 | 0.9 | | 2.7 | 4.1 | 3.3 | 0.7 | 3.1 |
| 49/69 | 19.0 | 3.6 | 9.0 | 16.5 | 13.4 | 17.5 | | |
| 50/53 | 3.5 | 1.4 | 2.3 | 4.2 | 4.8 | 2.9 | 1.1 | 2.9 |
| 52 | 123.1 | 10.7 | 38.5 | 75.2 | 47.7 | 83.2 | 15.0 | 37.4 |
| 54 | | | | | | | | |
| 55 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 56 | 5.2 | | | | | | 0.7 | 2.5 |
| 57 | | | 2.1 | 1.4 | 4.4 | 5.0 | | |
| 58 | | | | | 3.1 | 2.6 | | |
| 59/62/75 | 0.9 | 0.8 | 1.1 | 2.5 | 1.5 | 1.2 | | 0.9 |
| 60 | 2.6 | | | | | | | 1.4 |
| 61/70/74/76 | 53.8 | | | | | | 4.9 | 15.8 |
| 63 | | | | | | | | |
| 64 | 10.0 | 4.8 | 17.8 | 24.1 | 6.8 | 8.9 | 1.7 | 5.3 |
| 66 | 12.7 | | | | | | 1.6 | 5.9 |
| 67 | | | | | | | | |
| 68 | | 0.9 | 2.6 | 2.5 | 8.3 | 11.1 | | |
| 72 | | 0.8 | 2.4 | 6.5 | 19.6 | 49.5 | | |
| 77 | | | | | | | | |
| 78 | | | | | | | | |
| 79 | 2.4 | | | | | | | |
| 80 | | | | | | | | |
| 81 | | | | | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | 7.7 | | 1.9 | 1.1 | 1.0 | 8.6 | | 1.1 |
| 83/99 | 37.8 | 2.2 | 12.4 | 10.7 | 7.8 | 36.7 | 1.8 | 6.2 |
| 84 | 25.2 | 1.3 | 8.7 | 9.2 | 3.9 | 24.5 | 1.7 | 5.6 |
| 85/116/117 | 9.1 | | 1.2 | 2.9 | 1.4 | 8.3 | 1.0 | 4.8 |
| 86/87/97/109/119 | 52.3 | 2.1 | 9.4 | 6.9 | 3.9 | 38.3 | 1.5 | 2.9 |
| 88/91 | 10.5 | 10.7 | 38.5 | 75.2 | 47.7 | 83.2 | 0.8 | 2.3 |
| 89 | | | | | | | | |
| 90/101/113 | 83.0 | 4.0 | 23.6 | 23.0 | 11.3 | 76.4 | 4.2 | 14.0 |
| 92 | 14.3 | | 4.8 | 4.8 | 1.1 | 13.2 | 0.9 | 2.7 |
| 93/100 | | | | | 2.4 | | | |
| 94 | | 5.3 | 27.8 | 39.0 | 18.3 | 80.9 | | |
| 95 | 87.5 | | | | | | 6.1 | 19.1 |
| 96 | | | | 1.0 | | | | |
| 98/102 | 2.2 | | | | | | | 0.5 |
| 103 | | | | | | | | |
| 104 | | | | | | | | |
| 105 | 15.7 | | 2.4 | 0.6 | 1.3 | 17.8 | 0.4 | 1.4 |
| 106 | | | | | | | | |
| 107/123 | 3.6 | 0.6 | | | 2.8 | 3.8 | | |
| 108/124 | 2.1 | | | | | 2.0 | | |
| 110/115 | 75.1 | 2.7 | 19.9 | 12.1 | 7.7 | 80.6 | 2.8 | 10.1 |
| 111 | | | | | | | | |
| 112 | | | | | | | | |
| 114 | 0.6 | | | | | 1.1 | | |
| 118 | 47.3 | 1.2 | 8.7 | 4.0 | 3.8 | 46.2 | 1.1 | 4.2 |
| 120 | | | | | | | | |
| 121 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 122 | 0.6 | | | | | | | |
| 126 | | | | | 0.6 | | 0.5 | 0.5 |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 25.5 | 0.6 | 3.3 | 1.5 | 3.5 | 23.9 | 0.7 | 2.6 |
| 130 | 2.3 | | | | | 2.6 | | |
| 131 | 0.9 | | | | | | | |
| 132 | 15.7 | | 2.6 | 1.3 | 1.8 | 16.1 | | 1.4 |
| 133 | | | | | | | | |
| 134/143 | 3.1 | | | | | 2.5 | | |
| 135/151 | 11.7 | | 3.0 | 2.0 | 3.2 | 9.8 | 0.6 | 1.9 |
| 136 | 6.6 | | 1.7 | 1.7 | 1.7 | 6.2 | | |
| 137/164 | 3.2 | | | | | 2.4 | | |
| 139/140 | 0.9 | | | | | 0.9 | | |
| 141 | 5.4 | | | | 1.1 | 2.6 | | |
| 142 | | | | | | | | |
| 144 | 2.0 | | | | | 1.5 | | |
| 145 | | | | | | | | |
| 146 | 4.5 | | | | | 3.6 | | 0.4 |
| 147/149 | 28.7 | 1.1 | 5.8 | 3.9 | 5.7 | 25.1 | 1.1 | 4.0 |
| 148 | | | | | | | | |
| 150 | | | | | | | | |
| 152 | | | | | | | | |
| 153/168 | 22.2 | 0.8 | 3.9 | 1.9 | 4.9 | 19.6 | 0.7 | 2.4 |
| 154 | | | | | | | | |
| 155 | | | | | | | 0.4 | 1.4 |
| 156/157 | | | | | | | | |
| 158 | 3.9 | | | | | 3.7 | | |
| 159 | | | | | | | | |
| 160 | | | | | | | | |
| 161 | | | | | | | | |
| 162 | | | | | | | | |
| 165 | | | | | | | | |
| 167 | 0.4 | | | | | 0.8 | | |
| 169 | | | | | | | | |
| Heptachlorobiphenyls | | | | | | | | |
| 170 | 1.2 | | | | | 1.2 | | |
| 171/173 | 0.7 | | | | | | | |
| 172 | | | | | | | | |
| 174 | 1.5 | | | | 0.9 | 1.4 | | |
| 175 | | | | | | | | |
| 176 | | | | | | | | |
| 177 | 0.9 | | | | | 1.1 | | |
| 178 | | | | | | | | |
| 179 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 180/193 | 1.7 | | | | 0.8 | 1.7 | | 0.4 |
| 181 | | | | | | | | |
| 182 | | | | | | | | |
| 183/185 | 1.0 | | | | 0.9 | 1.0 | | |
| 184 | | | | | | | | |
| 186 | | | | | | | | |
| 187 | 0.7 | | | | 1.9 | 1.3 | | 0.5 |
| 188 | 0.9 | | | | 1.2 | 0.9 | | |
| 189 | | | | | | | | |
| 190 | | | | | | | | |
| 191 | | | | | | | | |
| 192 | | | | | | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | | | | | | | | |
| 195 | | | | | | | | |
| 196 | | | | | | | | |
| 197 | | | | | | | | |
| 198/199 | | | | | | | | |
| 200 | | | | | | | | |
| 201 | | | | | | | | |
| 202 | | | | | | | | |
| 203 | | | | | | | | |
| 205 | | | | | | | | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | | | | | | | | |
| 207 | | | | | | | | |
| 208 | | | | | | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | | | | | | | | |
| Recoveries | | | | | | | | |
| 14 | 84% | 83% | 90% | 83% | 70% | 85% | 93% | 94% |
| d-65/65 | 88% | 73% | 84% | 76% | 64% | 80% | 98% | 102% |
| 166 | 99% | 82% | 88% | 85% | 79% | 99% | 102% | 105% |

| Batch I.D. | 0126-05 | 0126-07 | 0127-01 | 0127-03 | 0127-06 | 0127-07 |
|---|---|---|---|---|---|---|
| Sample I.D. | 6104315P0227 2010 | 6110712P0303 2010 | 6109612P0303 2010 | 6109112P0303 2010 | 6104716P0322 2010 | 6108918P0127 2010 |
| Deployment Date | 11/21/2009 | 11/14/2009 | 10/29/2009 | 10/26/2009 | 12/26/2009 | 9/18/2009 |
| Collection Date | 2/27/2010 | 3/3/2010 | 3/3/2010 | 3/3/2010 | 3/22/2010 | 1/27/2010 |
| Monochlorobiphenyls | | | | | | |
| 1 | 2.4 | 2.2 | 2.4 | 2.4 | 2.3 | 4.5 |
| 2 | 0.7 | 0.7 | 0.8 | 0.9 | 0.7 | 1.3 |
| 3 | 5.4 | 6.9 | 9.0 | 7.0 | 4.0 | 7.8 |
| Dichlorobiphenyls | | | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 4 | 10.9 | 4.4 | 5.6 | 7.1 | 5.6 | 8.9 |
| 5 | | | 0.4 | 0.6 | 0.5 | 1.0 |
| 6 | 5.8 | 3.0 | 2.9 | 4.5 | 4.1 | 5.5 |
| 7 | 0.9 | 0.3 | 0.7 | 1.0 | 0.9 | 1.4 |
| 8 | 24.9 | 12.1 | 10.7 | 15.4 | 17.4 | 19.8 |
| 9 | 1.7 | 0.8 | 0.8 | 1.1 | 1.2 | 1.5 |
| 10 | 0.4 | | | | 0.2 | 0.3 |
| 11 | 19.4 | 15.7 | 24.2 | 27.8 | 43.7 | 40.5 |
| 12/13 | 1.1 | 0.9 | 0.9 | 1.2 | 1.5 | 1.7 |
| 15 | 5.6 | 3.9 | 3.2 | 4.3 | 6.6 | 6.6 |
| Trichlorobiphenyls | | | | | | |
| 16 | 16.0 | 6.2 | 5.5 | 6.7 | 10.9 | 10.3 |
| 17 | 15.7 | 6.2 | 5.5 | 7.2 | 11.3 | 10.3 |
| 18/30 | 35.4 | 15.0 | 12.7 | 15.6 | 23.1 | 21.3 |
| 19 | 5.1 | 1.4 | 1.5 | 1.8 | 2.4 | 2.4 |
| 20/28 | 22.8 | 16.3 | 12.5 | 13.4 | 25.7 | 20.5 |
| 21/33 | 14.5 | 10.4 | 7.9 | 8.7 | 16.1 | 13.4 |
| 22 | 7.6 | 6.0 | 4.3 | 4.6 | 9.0 | 7.6 |
| 23 | 1.2 | 0.6 | 0.9 | 1.1 | 0.8 | 1.2 |
| 24 | | | | | | |
| 25 | 2.0 | 1.1 | 0.9 | 1.0 | 2.0 | 1.6 |
| 26/29 | 5.1 | 3.1 | 2.8 | 2.5 | 5.0 | 4.3 |
| 27 | 2.2 | 0.8 | 0.9 | 1.0 | 1.8 | 1.5 |
| 31 | 23.3 | 17.5 | 12.7 | 12.8 | 23.5 | 22.1 |
| 32 | 8.7 | 4.5 | 3.5 | 4.2 | 7.2 | 6.2 |
| 34 | | | 2.7 | 2.7 | 1.2 | 1.7 |
| 35 | | | | | 0.8 | 0.7 |
| 36 | | | | | | |
| 37 | 3.3 | 2.9 | 2.6 | 2.2 | 4.6 | 4.4 |
| 28 | | | | | | |
| 39 | | 0.5 | 0.7 | 0.7 | 0.5 | |
| Tetrachlorobiphenyls | | | | | | |
| 40/41/71 | 4.4 | 5.5 | 4.2 | 3.6 | 7.3 | 6.1 |
| 42 | 2.8 | 3.2 | 2.6 | 2.0 | 4.2 | 3.4 |
| 43/73 | 7.8 | 9.8 | | | | |
| 44/47/65 | 15.6 | 20.3 | 17.2 | 11.8 | 36.6 | 20.0 |
| 45 | 3.9 | 2.8 | 2.8 | 1.7 | 8.4 | 5.0 |
| 46 | 1.4 | | | | 1.3 | 1.4 |
| 48 | 2.9 | 3.0 | 2.1 | 1.7 | 3.9 | 3.1 |
| 49/69 | | | 9.2 | 6.7 | 13.0 | 9.9 |
| 50/53 | 3.1 | 3.2 | 2.3 | 1.8 | 3.3 | 2.9 |
| 52 | 33.2 | 45.4 | 38.2 | 25.8 | 45.7 | 30.1 |
| 54 | | | | | | |
| 55 | | | | | | |
| 56 | 2.4 | 2.9 | 2.1 | 1.6 | 3.6 | 4.4 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 57 | | | | | | |
| 58 | | | | | | |
| 59/62/75 | 1.0 | 0.9 | 0.8 | 0.5 | 1.4 | 1.3 |
| 60 | 1.3 | 1.5 | 1.4 | 0.8 | 2.0 | 2.6 |
| 61/70/74/76 | 15.6 | 19.1 | 15.5 | 10.0 | 24.3 | 19.8 |
| 63 | | | | | | |
| 64 | 5.1 | 6.2 | 4.7 | 3.7 | 8.0 | 6.2 |
| 66 | 5.6 | 7.0 | 5.2 | 3.8 | 7.9 | 8.3 |
| 67 | | | | | | |
| 68 | | | | | 1.8 | 0.7 |
| 72 | | | | | | |
| 77 | | | | | 0.5 | |
| 78 | | | | | | |
| 79 | | | | | | |
| 80 | | | | | | |
| 81 | | | | | | |
| Pentachlorobiphenyls | | | | | | |
| 82 | 1.6 | 1.2 | 1.1 | 0.7 | 1.9 | 1.4 |
| 83/99 | 7.3 | 6.8 | 7.4 | 4.0 | 11.5 | 7.1 |
| 84 | 5.6 | 6.0 | 6.2 | 3.1 | 8.7 | 5.3 |
| 85/116/117 | 2.8 | 1.9 | 1.6 | 1.0 | 2.3 | 1.7 |
| 86/87/97/109/119 | 6.8 | 5.2 | 3.0 | 4.7 | 9.6 | 6.4 |
| 88/91 | 2.0 | 2.2 | 2.4 | 1.4 | 3.4 | 2.0 |
| 89 | | | | | | |
| 90/101/113 | 15.7 | 14.9 | 16.1 | 8.8 | 31.1 | 19.6 |
| 92 | 3.0 | 2.8 | 2.9 | 1.6 | 5.6 | 3.2 |
| 93/100 | | | | | 1.1 | |
| 94 | | | | | | |
| 95 | 17.8 | 21.0 | 22.7 | 12.1 | 34.3 | 19.4 |
| 96 | | | | | | |
| 98/102 | | | | | | |
| 103 | | | | | | |
| 104 | | | | | | |
| 105 | 2.4 | 1.5 | 1.7 | 0.7 | 1.6 | 2.5 |
| 106 | | | | | | |
| 107/123 | 0.6 | | | | 0.5 | 0.6 |
| 108/124 | | | | | 0.4 | |
| 110/115 | 13.9 | 10.6 | 11.4 | 6.0 | 19.5 | 14.4 |
| 111 | | | | | | |
| 112 | | | | | | |
| 114 | | | | | | |
| 118 | 7.5 | 4.7 | 5.7 | 2.5 | 6.4 | 7.9 |
| 120 | | | | | | |
| 121 | | | | | | |
| 122 | | | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 126 | 0.4 | | 0.6 | 0.4 | 0.6 | |
| 127 | | | | | | |
| Hexachlorobiphenyls | | | | | | |
| 129/138/163 | 5.4 | 4.8 | 3.3 | 1.3 | 4.5 | 7.8 |
| 130 | | | | | | |
| 131 | | | | | | |
| 132 | 2.6 | 1.8 | 1.6 | 0.6 | 3.8 | 4.2 |
| 133 | | | | | | |
| 134/143 | | | | | 0.8 | 0.8 |
| 135/151 | 2.5 | 3.0 | 2.3 | 1.0 | 7.1 | 7.9 |
| 136 | | | 1.7 | 0.6 | 4.2 | 3.1 |
| 137/164 | | | | | | |
| 139/140 | | | | | | |
| 141 | 1.0 | 1.1 | 0.8 | | 1.3 | 2.2 |
| 142 | | | | | | |
| 144 | | | | | 1.1 | 1.3 |
| 145 | | | | | | |
| 146 | 0.8 | 0.8 | | | 0.9 | 1.7 |
| 147/149 | 5.4 | 6.3 | 4.5 | 2.1 | 13.0 | 14.5 |
| 148 | | | | | | |
| 150 | | | | | | |
| 152 | | | | | | |
| 153/168 | 3.6 | 5.0 | 2.7 | 1.2 | 4.9 | 9.8 |
| 154 | | | | | | |
| 155 | 1.6 | 1.5 | | | | |
| 156/157 | | | | | | |
| 158 | | 0.5 | | | 0.4 | 0.8 |
| 159 | | | | | | |
| 160 | | | | | | |
| 161 | | | | | | |
| 162 | | | | | | |
| 165 | | | | | | |
| 167 | | | | | | |
| 169 | | | | | | |
| Heptachlorobiphenyls | | | | | | |
| 170 | | | | | | |
| 171/173 | | | | | | |
| 172 | | | | | | |
| 174 | | 1.4 | | | 0.6 | 1.4 |
| 175 | | | | | | |
| 176 | | | | | | |
| 177 | | 0.8 | | | | |
| 178 | | | | | | |
| 179 | | 1.1 | | | 1.7 | 1.9 |
| 180/193 | 0.5 | 2.1 | 0.7 | | 0.5 | 1.4 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 181 | | | | | | |
| 182 | | | | | | |
| 183/185 | | 1.6 | | | 0.6 | 1.2 |
| 184 | | | | | | |
| 186 | | | | | 0.3 | 0.7 |
| 187 | 0.7 | 2.5 | 0.7 | | 1.3 | 2.2 |
| 188 | | | | | | |
| 189 | | | | | | |
| 190 | | | | | | |
| 191 | | | | | | |
| 192 | | | | | | |
| Octachlorobiphenyls | | | | | | |
| 194 | | | | | | |
| 195 | | | | | | |
| 196 | | | | | | |
| 197 | | | | | | |
| 198/199 | | 0.7 | | | | |
| 200 | | | | | | |
| 201 | | | | | | |
| 202 | | | | | | |
| 203 | | | | | | |
| 205 | | | | | | |
| Nonachlorobiphenyls | | | | | | |
| 206 | | | | | | |
| 207 | | | | | | |
| 208 | | | | | | |
| Decachlorobiphenyls | | | | | | |
| 209 | | | | | | |
| Recoveries | | | | | | |
| 14 | 93% | 89% | 75% | 76% | 84% | 86% |
| d-65/65 | 100% | 95% | 79% | 79% | 83% | 81% |
| 166 | 100% | 95% | 85% | 83% | 82% | 80% |

Table B-3: Columbus Junction outdoor air raw data showing necessary metadata and congener masses (ng)

| Batch I.D. | 0079-02 | 0079-04 | 0079-06 | 0079-08 | 0079-11 | 0090-07 | 0090-09 | 0090-12 |
|---|---|---|---|---|---|---|---|---|
| Sample I.D. | 6204213P | 6203613P | 6205213P | 6205613P | 6206813P | 6200313P | 6202613P | 6202813P |
| Deployment | 5/24/2008 | 5/24/2008 | 5/26/2008 | 6/2/2008 | 6/27/2008 | 5/9/2008 | 5/21/2008 | 5/22/2008 |
| Collection | 9/27/2008 | 9/20/2008 | 9/27/2008 | 9/21/2008 | 9/28/2008 | 9/4/2008 | 8/29/2008 | 9/4/2008 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 0.1 | 1 | 0.7 | 0.8 | 0.5 | 0.7 | 2.0 | 2.1 |
| 2 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.5 | 0.3 | 0.4 |
| 3 | 1 | 1.6 | 0.8 | 1.3 | 1.3 | 2.6 | 1.8 | 1.8 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 5.5 | 7.5 | 4 | 10.1 | 5 | 9.9 | 7.4 | 6.8 |
| 5 | 0 | 0.5 | 0.2 | 0.1 | 0 | 0.7 | 0.4 | 0.4 |
| 6 | 0.1 | 3 | 1.7 | 1.4 | 1.5 | 4.9 | 3.3 | 2.9 |
| 7 | 0.3 | | 0.2 | 0.6 | | 1.2 | 0.9 | 0.8 |
| 8 | 5.6 | 13.4 | 8.2 | 8 | 6.6 | 21.5 | 14.2 | 12.4 |
| 9 | 0.2 | 0.8 | 0.2 | 0.6 | 0 | 1.3 | 1.2 | 0.2 |
| 10 | 0.1 | 0.3 | | 0.2 | 0.2 | 0.5 | 0.4 | 0.3 |
| 11 | 4.3 | 13.5 | 8.3 | 11.5 | 6.5 | 46.4 | 12.1 | 9.5 |
| 12/13 | 0.1 | 2 | 0.5 | 0.4 | 0.1 | 1.5 | 0.8 | 0.7 |
| 15 | 1.5 | 7.9 | 2.4 | 1.6 | 1.8 | 8.5 | 4.9 | 4.1 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 3.4 | 16.1 | 5.4 | 3 | 3.6 | 11.9 | 8.0 | 6.6 |
| 17 | 2.8 | 8.8 | 4.4 | 2.8 | 3.3 | 10.0 | 7.2 | 6.4 |
| 18/30 | | | | | | | | |
| 19 | 0.1 | 2.1 | 0.3 | 0.7 | 0 | 2.4 | 1.4 | 0.4 |
| 20/28 | 5.1 | 41 | 7.2 | 4.3 | 5.8 | 24.5 | 17.0 | 14.5 |
| 21/33 | 3.9 | 33.1 | 5.1 | 2.9 | 4 | 16.5 | 12.0 | 10.1 |
| 22 | 1.9 | 22 | 2.8 | 1.7 | 1.8 | 8.4 | 5.9 | 5.1 |
| 23 | | | 0.1 | | | | | |
| 24 | 0 | 0.4 | 0.2 | 0.1 | 1.8 | 0.4 | 0.3 | 0.3 |
| 25 | 0.5 | 3.6 | 0.5 | 0.3 | 0.4 | 2.0 | 1.4 | 1.3 |
| 26/29 | 0.6 | 7.9 | 1.7 | 0.8 | 0.9 | 4.5 | 3.0 | 2.5 |
| 27 | 0.3 | 1.6 | 0.7 | 0.2 | 0.6 | | 1.0 | |
| 31 | 5.5 | 40.5 | 7 | 4.3 | 5.6 | 23.0 | 15.7 | 13.2 |
| 32 | 1.5 | 7.4 | 2.6 | 1.3 | 1.8 | 6.3 | 4.0 | 3.6 |
| 34 | | | 0 | | | 0.0 | | |
| 35 | | 3.3 | | 0 | 0.1 | 0.3 | | |
| 36 | | | 0 | 0 | | | | |
| 37 | 0.6 | 21.1 | 0.9 | 0.5 | 0.4 | 4.1 | 2.9 | 2.2 |
| 28 | | | | 0 | | | | |
| 39 | | | | | 0.1 | | | |
| Tetrachlorobiphenyls | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 40/41/71 | 1.4 | 35.2 | 2.4 | 1.7 | | 7.6 | 4.4 | 5.1 |
| 42 | 0.2 | 7.2 | 0.1 | 0.7 | 0.2 | 1.2 | 3.6 | 0.7 |
| 43/73 | 0.1 | 11.4 | 10.4 | 6.9 | | 39.2 | 40.1 | 31.8 |
| 44/47/65 | | | | | | | | |
| 45 | 0.5 | 4.1 | 1.5 | 0.5 | 0.2 | 1.0 | 2.9 | 0.8 |
| 46 | 0.1 | 3.9 | 0.5 | | 0.1 | 1.3 | 0.1 | 0.6 |
| 48 | 1 | 11.3 | 1 | 0.8 | 1.2 | 3.6 | 2.5 | 2.3 |
| 49/69 | 2.6 | 25.6 | 3.4 | 2.9 | 3 | 13.1 | 11.5 | 9.1 |
| 50/53 | | 6 | 0.9 | 0.1 | | 3.3 | 2.8 | 0.4 |
| 52 | 8.1 | 43.4 | 11.2 | 12.1 | 8.2 | 47.2 | 47.2 | 38.0 |
| 54 | 0.1 | | | | | | | |
| 55 | | 1.1 | | | | 0.2 | | |
| 56 | 0.2 | 24.9 | 0.5 | 0.7 | | 3.0 | 2.0 | 1.5 |
| 57 | | 0.2 | | | | | | |
| 58 | | | 0.1 | 0.1 | | 0.1 | | |
| 59/62/75 | 0.2 | 19.2 | 0.5 | 1.1 | 1.3 | 9.7 | 1.1 | 6.4 |
| 60 | 0.1 | 15.3 | 0.3 | | 0.1 | 1.5 | 1.2 | 0.6 |
| 61/70/74/76 | 0.7 | 19.5 | 1 | 1.2 | 0.5 | | 14.6 | 11.6 |
| 63 | | 1.8 | 0.1 | | | 1.0 | 0.2 | 0.1 |
| 64 | 1.4 | 20.8 | 0.8 | 1.5 | 1.8 | 6.5 | 5.4 | 4.2 |
| 66 | 0.4 | 41.8 | 1.9 | 1.6 | 1.6 | 6.5 | 4.6 | 3.6 |
| 67 | | 1.7 | 0.1 | 0.1 | | 0.1 | | 0.1 |
| 68 | 0.1 | 0.2 | | 0.1 | | 0.1 | | |
| 72 | 0.1 | | | | | | | |
| 77 | 0.1 | 5.5 | | | | 0.2 | 0.3 | |
| 78 | | | 0.1 | | 0 | | | |
| 79 | 0.1 | | | 0 | | | | |
| 80 | | | 0 | | | 0.1 | | 0.0 |
| 81 | | | | 0.1 | 0.1 | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | | 4.4 | 0.2 | 0.1 | 0.3 | 1.4 | 0.7 | |
| 83/99 | 2 | 7.9 | 3.8 | 1.4 | 0.7 | 15.7 | 7.9 | 7.0 |
| 84 | 0.4 | 6.5 | 1.8 | 2.7 | 1.3 | 6.4 | 4.5 | 3.8 |
| 85/116/117 | 0.3 | 8.9 | 1.1 | 0.8 | 0.3 | 4.5 | 1.8 | 2.0 |
| 86/87/97/10 | 0.6 | 8.9 | 2 | 1.7 | 0.6 | 4.5 | 2.3 | 1.6 |
| 88/91 | | 4.1 | 0.4 | 1.4 | 0.7 | 2.9 | 2.4 | 1.9 |
| 89 | | | | | | 0.1 | | 0.1 |
| 90/101/113 | 1.4 | 14.1 | 5.6 | 6.4 | 3.2 | 19.3 | 12.2 | 8.5 |
| 92 | 0.3 | 2.5 | 1 | 0.6 | 0.4 | 3.6 | 2.1 | 1.6 |
| 93/100 | | | | | | 0.2 | | 0.7 |
| 94 | 0.1 | | | 0.1 | 0.5 | 0.3 | 0.1 | 0.1 |
| 95 | 3.5 | 13 | 5.9 | 8.2 | 4.1 | 23.4 | 20.0 | 14.9 |
| 96 | | | | | 0.1 | | 0.0 | 0.1 |
| 98/102 | | 0.2 | 0.1 | 0.3 | | 0.8 | 0.4 | 0.1 |
| 103 | | | | | | 0.1 | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 104 | | | | | | | | |
| 105 | 0.1 | 6.8 | 0 | | 0.1 | 3.1 | 0.2 | 0.1 |
| 106 | | | | | | | | |
| 107/123 | 0.1 | 0.1 | | 0.4 | 0.6 | 1.5 | 0.7 | 0.8 |
| 108/124 | 0.1 | | | 0.4 | 0.6 | 1.0 | 0.4 | 0.7 |
| 110/115 | 2.9 | 34.9 | 7.9 | 9 | 4.5 | 18.6 | 7.5 | 5.3 |
| 111 | 0 | | 0 | | | | | |
| 112 | | 0.8 | | 0.2 | 0.5 | 8.8 | 4.5 | 3.4 |
| 114 | | 0.6 | 0 | | | | | |
| 118 | 0.6 | 11.8 | 1.6 | 1.6 | 1.2 | 11.2 | 2.5 | 1.7 |
| 120 | 0.1 | | | 0.1 | 0.1 | | 0.0 | |
| 121 | | 0 | | | | 0.0 | 0.1 | |
| 122 | | | | | | 0.1 | | |
| 126 | | | 0.1 | 0 | | 0.0 | | |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 0.1 | 2.2 | 0.3 | 0.9 | 0.1 | 8.5 | 0.4 | |
| 130 | | | | 0.1 | | 0.3 | | 0.0 |
| 131 | | 0.3 | | 0.1 | | | 0.1 | |
| 132 | 0.1 | 0.4 | 0.6 | 0.7 | | 3.2 | 0.7 | 0.4 |
| 133 | 0.3 | | 1.5 | | | | | 0.2 |
| 134/143 | | | | | 0.2 | 0.4 | 0.1 | |
| 135/151 | 0.3 | 0.1 | 0.1 | 0.3 | 0.1 | 4.8 | 0.4 | 0.2 |
| 136 | 0.1 | 0.4 | 0.5 | 0.3 | 0.2 | 2.0 | 1.0 | 0.7 |
| 137/164 | | 0.1 | | | | | | |
| 139/140 | | | | | | 0.2 | | |
| 141 | | 0.1 | | | | 2.3 | 0.1 | |
| 142 | | | | | | | 0.1 | |
| 144 | | | | | | 1.0 | 0.1 | |
| 145 | | 0.1 | | | | 0.1 | | |
| 146 | | 0.1 | | | | 1.0 | 0.0 | 0.0 |
| 147/149 | 0.8 | 2.4 | 0.8 | 1.6 | 0.8 | 9.9 | 2.3 | 1.6 |
| 148 | | | | | | | | |
| 150 | | | | | | | | 0.0 |
| 152 | | | | 0 | | | | 0.0 |
| 153/168 | 0.1 | 1.2 | 0.1 | 0.4 | 0.1 | 8.6 | 0.2 | 0.2 |
| 154 | | 0.1 | | | | 0.1 | | |
| 155 | | | | 0 | 0 | 0.0 | | |
| 156/157 | 1.7 | 0.5 | 0.6 | 0.2 | 0.1 | 0.7 | | 0.1 |
| 158 | | | | 0 | | 0.8 | 0.0 | |
| 159 | | | | | | | | |
| 160 | | | | 0.1 | | | | |
| 161 | | 0.1 | | 0 | | 0.2 | 0.0 | 0.0 |
| 162 | | | | | | | | |
| 165 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 167 | | | | | | | | 0.0 |
| 169 | | | | | | | | |
| Heptachlorobiphenyls | | | | | | | | |
| 170 | | 0.1 | | | 0.1 | 0.7 | | |
| 171/173 | | | | | | 0.8 | | |
| 172 | | | | | | 0.1 | | |
| 174 | | 0.1 | | | | 1.2 | | |
| 175 | | | | | | | | |
| 176 | | | | | | 0.1 | 0.1 | |
| 177 | | | | | 0.1 | 1.2 | | |
| 178 | | | | | | 0.2 | | |
| 179 | | | | | | 1.5 | 0.1 | |
| 180/193 | | 0.1 | | | | 3.3 | 0.1 | |
| 181 | | | | | | | | |
| 182 | | | | | | | | |
| 183/185 | | 0.2 | 0.1 | | | 2.7 | | 0.1 |
| 184 | | | | | | | | |
| 186 | | | | | | | | |
| 187 | | | | | | 3.0 | | 0.1 |
| 188 | | | | | | | | |
| 189 | | | | | | | | |
| 190 | | | | | | 0.1 | | |
| 191 | | | | | | | | |
| 192 | | | | | 0.1 | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | 0.1 | | | | | 0.4 | | |
| 195 | | 0.1 | | | | | 0.0 | |
| 196 | | | | | | 0.1 | | |
| 197 | | 0.1 | | | | | 0.0 | |
| 198/199 | | 0.1 | | | | 0.5 | 0.1 | |
| 200 | | 0.1 | | | | | | |
| 201 | | 0.1 | | | | 0.1 | | |
| 202 | | | | | | 0.3 | | |
| 203 | | | | | | 0.3 | | |
| 205 | 0.1 | | | | 0.1 | | | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | | | | | | | | |
| 207 | | | | | | 0.12 | | |
| 208 | | | 0.1 | | | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | | | | | | | | |
| Recoveries | | | | | | | | |
| 14 | 50% | 36% | 57% | 47% | 51% | 81% | 53% | 63% |
| d-65/65 | 62% | 136% | 79% | 65% | 68% | 123% | 92% | 97% |
| 166 | 70% | 57% | 88% | 69% | 77% | 88% | 61% | 73% |

| Batch I.D. | 0091-02 | 0091-04 | 0091-06 | 0091-07 | 0092-02 | 0092-04 | 0092-05 | 0110-02 |
|---|---|---|---|---|---|---|---|---|
| Sample I.D. | 6203413P | 6203813P | 6204013P | 6204413P | 6205013P | 6204613P | 6202013P | 6200119P0 5182009 |
| Deployment | 5/19/2008 | 5/24/2008 | 5/24/2008 | 5/28/2008 | 6/6/2008 | 5/28/2008 | 5/17/2008 | 2/12/2009 |
| Collection | 8/30/2008 | 8/30/2008 | 8/30/2008 | 8/30/2008 | 8/30/2008 | 8/30/2008 | 8/17/2008 | 5/18/2009 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 2.1 | 2.6 | 1 | 1.2 | 8.8 | 7.4 | 7.9 | 9.85 |
| 2 | 0.4 | 0.5 | 0.2 | 0.2 | 1.4 | 1.4 | 1.6 | 1.31 |
| 3 | | 3.2 | 1.3 | 1.3 | 7.2 | 5.7 | 7.4 | 26.42 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 10.1 | 12 | | 6.3 | 33.3 | 27.4 | 36.8 | 28.92 |
| 5 | | 0.1 | | 0.1 | | 1.0 | | 1.41 |
| 6 | 4.2 | 5.4 | 2.1 | 3 | 16.1 | 12.2 | 18.3 | 2.76 |
| 7 | 0.6 | 0.8 | 0.3 | 0.5 | 3.7 | 2.6 | 4.0 | 1.88 |
| 8 | 19.1 | 21.2 | 11.1 | 14.8 | 73.1 | 52.4 | 84.0 | 5.97 |
| 9 | 0.9 | 1.4 | 0.5 | 0.9 | 5.7 | 4.5 | 6.4 | 0.61 |
| 10 | 0.2 | 0.4 | 0.1 | 0.1 | 1.6 | 1.0 | 1.4 | 22.78 |
| 11 | 19.3 | 28.5 | 9.2 | 9.7 | 52.3 | 37.9 | 125.4 | 14.36 |
| 12/13 | 0.8 | 0.5 | 0.6 | 0.7 | 5.0 | 3.2 | 4.7 | 1.15 |
| 15 | 5.6 | 4.9 | 4.2 | 4.6 | 21.9 | 16.2 | 27.0 | 2.43 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 9.9 | 9.5 | 6.9 | 8.3 | 42.4 | 28.2 | 49.7 | 5.30 |
| 17 | 10.1 | 12.6 | 7 | 7.8 | 42.7 | 28.5 | 49.3 | 6.17 |
| 18/30 | | | | | | | | 14.58 |
| 19 | 1.7 | 2.4 | 1.3 | 1.5 | 8.6 | 6.1 | 8.5 | 2.31 |
| 20/28 | 17.2 | 15 | 16.1 | 17 | 93.9 | 60.3 | 110.3 | 16.15 |
| 21/33 | 12.4 | 12 | 11.2 | 12.4 | 58.4 | 37.3 | 71.1 | 7.16 |
| 22 | 6.1 | 5.5 | 5.5 | 5.8 | 30.7 | 20.9 | 37.0 | 2.44 |
| 23 | | | | | 2.3 | 1.5 | 1.1 | |
| 24 | | | 0.3 | | | | | |
| 25 | 1.4 | 1.1 | 1.3 | 1.3 | 8.2 | 5.3 | 8.5 | 0.88 |
| 26/29 | 3.6 | 3 | 3 | 3.3 | 18.8 | 12.9 | 21.7 | |
| 27 | 0.7 | 1 | 0.7 | 0.9 | 7.2 | 4.8 | 7.8 | 0.86 |
| 31 | 17.8 | 16.7 | 17 | 17.9 | 93.0 | 59.9 | 113.0 | 0.64 |
| 32 | 4.8 | 4.6 | 3.8 | 4.4 | 24.8 | 16.5 | 28.5 | |
| 34 | | 0.1 | | | | | | 3.16 |
| 35 | 0.2 | | | 0.2 | 1.6 | | 2.0 | |
| 36 | | | | 0.1 | 2.0 | | | 2.41 |
| 37 | 2.8 | 1.7 | 1.8 | 2.2 | 13.5 | 7.5 | 16.0 | 0.66 |
| 28 | | | 0.1 | | | | | |
| 39 | 0.1 | | | | 1.1 | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 5.3 | 5.8 | 3 | 7 | 29.6 | 17.1 | 38.5 | |
| 42 | | | | | 16.4 | 8.4 | 19.6 | 2.95 |
| 43/73 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 44/47/65 | | | | | | | | 8.65 |
| 45 | 3.2 | 3.6 | 2.2 | 3.1 | 15.7 | 10.8 | 20.6 | 1.07 |
| 46 | 0.8 | | 0.9 | 0.7 | 4.7 | 3.2 | 6.9 | |
| 48 | 1.9 | 2.9 | 1.4 | 1.9 | 16.0 | 9.2 | 21.7 | 1.38 |
| 49/69 | 12.9 | 19.4 | 12 | 15.7 | 72.0 | 47.7 | 109.9 | 5.12 |
| 50/53 | 2.7 | 4.3 | 2.3 | 3 | 16.5 | 11.3 | 22.3 | 1.77 |
| 52 | 59 | 97.3 | 54.6 | 82.7 | 309.5 | 207.1 | 503.3 | 19.79 |
| 54 | | | | | | | | |
| 55 | | | | | | | | |
| 56 | 3.7 | 4 | 1.7 | 4 | 11.8 | 4.7 | 14.0 | |
| 57 | | | | | | | | |
| 58 | | | | | | | | |
| 59/62/75 | 3.9 | 5.3 | 2.8 | 4.6 | 3.9 | 1.6 | 6.3 | 1.10 |
| 60 | 1 | 0.8 | 1 | | 6.4 | 3.3 | 7.8 | |
| 61/70/74/76 | 16.9 | 24.7 | 10.7 | 20.6 | 99.6 | 53.3 | 147.2 | 5.69 |
| 63 | | | | | | | | |
| 64 | 6.1 | 8.9 | 5 | 7.3 | 34.4 | 19.8 | 49.6 | 2.97 |
| 66 | 5.3 | 6.8 | 3.5 | 4.8 | 29.3 | 14.6 | 38.7 | 2.33 |
| 67 | | | | | | | | |
| 68 | 1.7 | 2.2 | 1.1 | | | | | |
| 72 | | | | | | | | |
| 77 | | | | | | | | |
| 78 | | | | | | | | |
| 79 | | | | | | | | |
| 80 | | | | | | | | |
| 81 | | | | | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | 1.1 | | | 0.5 | 4.0 | | 6.8 | |
| 83/99 | 5.9 | 10.4 | 2.8 | 6.5 | 37.2 | 18.9 | 67.2 | 1.79 |
| 84 | 5.2 | 13.2 | 4.1 | 7.2 | 32.6 | 19.8 | 62.8 | 2.01 |
| 85/116/117 | 2 | 0.9 | 0.4 | 1.7 | | 3.8 | | 1.10 |
| 86/87/97/10 | 5.1 | 7.9 | 2.4 | 4.9 | 35.3 | 11.4 | 67.2 | 2.16 |
| 88/91 | 2.6 | 5.4 | 1.8 | 3.3 | 18.4 | 10.8 | 32.5 | 1.20 |
| 89 | | | | | | | | |
| 90/101/113 | 11.7 | 24.3 | 7.7 | 14.5 | 77.7 | 42.0 | 149.2 | 3.90 |
| 92 | 2 | 3.8 | 1.2 | 2.7 | 15.7 | 8.5 | 29.7 | 0.85 |
| 93/100 | 0.4 | 0.5 | 0.2 | 0.7 | | | | |
| 94 | | | | | | | | |
| 95 | 26 | 62.6 | 21.2 | 38.7 | 148.8 | 89.8 | 288.7 | 7.28 |
| 96 | | 0.5 | 0.1 | 0.2 | 1.7 | | 3.3 | |
| 98/102 | | | | | 3.9 | 2.7 | 7.4 | |
| 103 | | | | | | | | |
| 104 | | | | | | | | |
| 105 | 0.3 | 0.3 | 0.2 | 0.4 | 2.8 | 1.7 | 3.7 | |
| 106 | 0.5 | 0.4 | 0.3 | 1.7 | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 107/123 | | | | | | | | |
| 108/124 | | | | | | | | |
| 110/115 | 6.4 | 11.1 | 3.7 | 6.6 | 48.1 | 21.9 | 82.7 | 2.86 |
| 111 | | | | | | | | |
| 112 | | | | 0.5 | | | | |
| 114 | | | | | | | | |
| 118 | 2.9 | 4.8 | 0.9 | 1.8 | 10.2 | 5.8 | 16.0 | 1.13 |
| 120 | | | | | | | | |
| 121 | | | | | | | | |
| 122 | | | | | | | | |
| 126 | | 0.3 | | 0.1 | | | | |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 0.9 | 1.3 | 0.4 | 0.4 | 3.1 | 3.0 | 5.4 | |
| 130 | | | | | | | | |
| 131 | | | | 0.4 | | | | |
| 132 | 0.6 | 1 | 0.5 | 0.4 | 2.9 | 2.0 | 5.5 | |
| 133 | | | | | | | | |
| 134/143 | | | | | | | | |
| 135/151 | 0.8 | 1.8 | 0.5 | 0.9 | 6.2 | 3.6 | 12.7 | |
| 136 | 1 | 1.8 | 0.8 | 1.4 | 5.1 | 3.5 | 11.6 | |
| 137/164 | | | | | | | | |
| 139/140 | | | | | | | | |
| 141 | | | | | | | | |
| 142 | | | | 0.2 | | | | |
| 144 | | | | | | | 2.2 | |
| 145 | | | | | | | | |
| 146 | | | | | | | | |
| 147/149 | 2.4 | 5.3 | 1.2 | 1.6 | 9.3 | 6.4 | 20.8 | 1.03 |
| 148 | | | | | | | | |
| 150 | | | | | | | | |
| 152 | | | | | | | | |
| 153/168 | 0.9 | 1.8 | 0.4 | | 3.1 | 2.9 | 6.6 | |
| 154 | | | | | | | | |
| 155 | | | | | | | | |
| 156/157 | 1.7 | 1.3 | 1.9 | 1.6 | | | | |
| 158 | | | | 0.5 | | | | |
| 159 | | | | | | | | |
| 160 | | | | 0.3 | | | | |
| 161 | | | | | | | | |
| 162 | | | | | | | | |
| 165 | | | | | | | | |
| 167 | | | | | | | | |
| 169 | | | | 0.6 | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Heptachlorobiphenyls | | | | | | | | |
| 170 | | | | | | | | |
| 171/173 | | | | | | | | |
| 172 | | | | | | | | |
| 174 | | 0.2 | | | | | | |
| 175 | | | | | | | | |
| 176 | 0 | 0.1 | | | | | | |
| 177 | | 0.1 | | | | | | |
| 178 | | | | | | | | |
| 179 | 0.1 | 0.4 | 0.1 | 0.1 | 0.9 | | 1.7 | |
| 180/193 | 0.2 | 0.2 | 0.1 | | | | | |
| 181 | | | | | | | | |
| 182 | | 0.1 | | | | | | |
| 183/185 | 0.1 | 0.1 | | | | | | |
| 184 | | | | | | | | |
| 186 | | | | | | | | |
| 187 | 0.2 | 0.4 | 0.1 | 0.1 | | | | |
| 188 | | | | | | | | |
| 189 | | | | | | | | |
| 190 | | | | | | | | |
| 191 | | | | | | | | |
| 192 | | | | | | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | | | | | | | | |
| 195 | | | | | | | | |
| 196 | | | | | | | | |
| 197 | | | | | | | | |
| 198/199 | | | | | | | | |
| 200 | | | | | | | | |
| 201 | | | | | | | | |
| 202 | | | | | | | | |
| 203 | | | | | | | | |
| 205 | | | | | | | | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | | | | | | | | |
| 207 | | | | 0.2 | | | | |
| 208 | | | | | | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | | | | | | | | |
| Recoveries | | | | | | | | |
| 14 | 58% | 71% | 31% | 42% | 90% | 74% | 77% | 70% |
| d-65/65 | 98% | 147% | 71% | 104% | 74% | 47% | 75% | 60% |
| 166 | 64% | 89% | 40% | 53% | 109% | 85% | 87% | 88% |

| Batch I.D. | 0110-04 | 0110-06 | 0110-08 | 0110-10 | 0111-02 | 0111-04 | 0111-06 | 0111-08 |
|---|---|---|---|---|---|---|---|---|
| Sample I.D. | 6200319P0 5222009 | 6200519P0 5232009 | 6200919P0 5232009 | 6201019P052 32009 | 6201419P0 5162009 | 6201619P0 5192009 | 6201819P0 5162009 | 6202019P0 5162009 |
| Deployment | 2/14/2009 | 2/14/2009 | 2/10/2009 | 2/14/2009 | 2/12/2009 | 2/14/2009 | 2/14/2009 | 2/14/2009 |
| Collection | 5/22/2009 | 5/23/2009 | 5/23/2009 | 5/23/2009 | 5/16/2009 | 5/19/2009 | 5/16/2009 | 5/16/2009 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 4.74 | 3.27 | 6.34 | 5.31 | 3.5 | 3.9 | 5.9 | 3.4 |
| 2 | 0.78 | 0.54 | 1.11 | 0.96 | 0.7 | 0.7 | 1.0 | 0.6 |
| 3 | 16.44 | 17.58 | 33.82 | 33.03 | 20.6 | 23.7 | 18.6 | 22.2 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 9.30 | 7.11 | 11.89 | 12.32 | 8.5 | 10.3 | 25.8 | 9.9 |
| 5 | 0.40 | 0.30 | 0.56 | 0.60 | 0.2 | 0.0 | | 0.2 |
| 6 | 0.94 | 0.67 | 1.24 | 1.41 | 2.2 | 2.1 | 7.0 | 2.2 |
| 7 | 0.60 | 0.50 | 0.81 | 1.01 | 0.7 | 0.6 | 1.8 | 0.5 |
| 8 | 2.64 | 1.61 | 3.24 | 3.54 | 9.2 | 8.3 | 32.6 | 8.6 |
| 9 | 0.25 | | 0.37 | 0.50 | 0.9 | 0.8 | 2.8 | 0.8 |
| 10 | 10.30 | 6.33 | 12.67 | 14.59 | 0.3 | 0.4 | 1.2 | 0.4 |
| 11 | 16.20 | 11.06 | 12.76 | 13.13 | 15.2 | 20.3 | 27.0 | 20.3 |
| 12/13 | 0.55 | 0.35 | 0.88 | 0.73 | 0.5 | 0.4 | 1.1 | 0.5 |
| 15 | 1.62 | 1.20 | 1.80 | 2.17 | 1.5 | 1.3 | 4.8 | 1.8 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 3.26 | 2.38 | 4.40 | 4.64 | 3.3 | 2.4 | 7.0 | 3.5 |
| 17 | 3.68 | 2.50 | 4.56 | 5.18 | 3.6 | 3.1 | 8.9 | 3.8 |
| 18/30 | 8.48 | 5.76 | 10.68 | 12.34 | 8.3 | 6.8 | 19.2 | 8.9 |
| 19 | 0.96 | 0.73 | 1.41 | 1.58 | 1.1 | 1.0 | 3.2 | 1.1 |
| 20/28 | 12.33 | 9.01 | 15.46 | 17.16 | 5.4 | 4.3 | 11.0 | 5.8 |
| 21/33 | 5.27 | 4.09 | 5.88 | 7.03 | 3.4 | 2.7 | 6.7 | 3.6 |
| 22 | 1.67 | 1.28 | 1.92 | 2.40 | 1.9 | 1.6 | 3.6 | 2.1 |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | 0.54 | 0.47 | 0.74 | 0.77 | 0.4 | 0.4 | 10.1 | 0.5 |
| 26/29 | | | | | 1.1 | 1.0 | 2.2 | 1.3 |
| 27 | 0.49 | 0.25 | 0.58 | 0.62 | 0.4 | 0.3 | 1.0 | 0.4 |
| 31 | 0.43 | 0.36 | 0.52 | 0.62 | 5.8 | 4.5 | | 6.2 |
| 32 | | | | | 2.0 | 1.6 | 4.7 | 2.2 |
| 34 | 1.85 | 1.32 | 2.47 | 3.00 | | | | |
| 35 | | | | | 0.1 | 0.5 | | 0.2 |
| 36 | 1.67 | 1.48 | 1.95 | 2.19 | | | | |
| 37 | 0.67 | 0.44 | 0.41 | 0.57 | 0.8 | 0.7 | 1.5 | 0.9 |
| 28 | | | | | | | | |
| 39 | | | | | | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 2.21 | 1.35 | 2.29 | 2.64 | 1.8 | 1.4 | 5.6 | 2.2 |
| 42 | 1.19 | 0.83 | 2.08 | 1.64 | 1.1 | 0.7 | 2.5 | 1.3 |
| 43/73 | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| 44/47/65 | 11.44 | 6.95 | 20.76 | 15.46 | 6.4 | 5.0 | 12.7 | 6.4 |
| 45 | 0.77 | 0.58 | 1.09 | 0.60 | 1.1 | 0.4 | 3.2 | 0.5 |
| 46 | | | | | | | | 0.5 |
| 48 | 1.10 | 0.73 | 1.39 | 1.14 | 1.0 | 0.8 | 1.7 | 1.2 |
| 49/69 | 7.53 | 4.05 | 13.50 | 9.62 | 6.0 | 4.2 | 11.3 | 5.8 |
| 50/53 | 1.93 | 1.28 | 3.47 | 3.05 | 1.2 | 0.9 | 2.7 | 1.3 |
| 52 | 37.73 | 19.97 | 72.36 | 52.57 | 12.0 | 6.8 | 19.3 | 9.9 |
| 54 | | | | | | | | |
| 55 | | | | | | | | |
| 56 | 0.99 | | 1.45 | 0.19 | 0.8 | 0.8 | 2.9 | 1.0 |
| 57 | | | | | | | | |
| 58 | | | | | | | | |
| 59/62/75 | | | | | 0.3 | 0.2 | 0.5 | 0.4 |
| 60 | | | | | 0.5 | 0.4 | 1.6 | 0.5 |
| 61/70/74/76 | 8.62 | 4.78 | 12.81 | 9.08 | 5.0 | 4.2 | 12.7 | 5.2 |
| 63 | | | | | | | | |
| 64 | 3.32 | 1.96 | 5.19 | 4.01 | 2.0 | 1.4 | 4.8 | 1.9 |
| 66 | 2.32 | 1.55 | 3.29 | 2.47 | 2.0 | 1.7 | 5.0 | 2.0 |
| 67 | | | | | | | | |
| 68 | | | | | | | | |
| 72 | | | | | | | | |
| 77 | | | | | | | | |
| 78 | | | | | | | | |
| 79 | | | | | | | | |
| 80 | | | | | | | | |
| 81 | | | | | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | | | 12.16 | 6.33 | | 0.3 | | 0.3 |
| 83/99 | 3.42 | 2.24 | 5.25 | 3.32 | 1.5 | 1.6 | 8.3 | 1.7 |
| 84 | 3.57 | 1.95 | 6.65 | 4.38 | 1.4 | 1.2 | 6.3 | 1.5 |
| 85/116/117 | 1.24 | 0.86 | 3.89 | 3.20 | 0.9 | 1.0 | | 0.3 |
| 86/87/97/10 | 1.24 | 2.36 | 1.96 | | 1.7 | 1.0 | 9.7 | 2.1 |
| 88/91 | 1.85 | 1.10 | 3.10 | 2.01 | 0.7 | 0.6 | 2.9 | 0.8 |
| 89 | | | | | | | | |
| 90/101/113 | 8.05 | 4.75 | 13.47 | 7.78 | 3.2 | 3.4 | 15.7 | 3.9 |
| 92 | 1.46 | 0.86 | 2.86 | 1.67 | | 0.7 | 4.0 | 0.8 |
| 93/100 | | | | | 5.5 | | | |
| 94 | | | | | | | | |
| 95 | 14.69 | 8.19 | 29.15 | 17.84 | | 4.5 | 18.0 | 5.7 |
| 96 | | | | | | | | |
| 98/102 | | | | | | | | |
| 103 | | | | | | | | |
| 104 | | | | | | | | |
| 105 | | 0.55 | | | 0.4 | 0.4 | 2.1 | 0.5 |
| 106 | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| 107/123 | | | | | | | | |
| 108/124 | | | | | | | | |
| 110/115 | 4.00 | 2.71 | 1.22 | 0.80 | 2.1 | 2.5 | 12.5 | 2.6 |
| 111 | | | | | | | | |
| 112 | | | | | | | | |
| 114 | | | | | | | | |
| 118 | 1.42 | 1.11 | 1.96 | 0.95 | 0.9 | 1.2 | 6.5 | 1.3 |
| 120 | | | | | | | | |
| 121 | | | | | 0.4 | | | |
| 122 | | | | | | | | |
| 126 | | | | | 0.7 | 0.7 | | 0.9 |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 0.67 | 0.69 | 1.23 | | 0.4 | 0.9 | 2.8 | 0.8 |
| 130 | | | | | | | | |
| 131 | | | | | | | | |
| 132 | | | 0.86 | | 0.3 | 0.3 | 2.2 | 0.4 |
| 133 | | | | | | | | |
| 134/143 | | | | | | | | |
| 135/151 | 0.78 | 1.09 | 1.46 | 1.42 | 0.3 | 0.4 | 1.9 | 0.4 |
| 136 | 0.60 | 0.30 | 1.46 | 0.77 | 0.2 | 0.3 | 1.3 | 0.3 |
| 137/164 | | | | | | | | |
| 139/140 | | | | | | | | |
| 141 | | | | | | | | |
| 142 | | | | | | | | |
| 144 | | | | | | | | |
| 145 | | | | | | | | |
| 146 | | | | | | | | |
| 147/149 | 1.19 | | 2.33 | | 0.7 | 0.8 | 3.2 | 0.9 |
| 148 | | | | | | | | |
| 150 | | | | | | | | |
| 152 | | | | | | | | |
| 153/168 | 0.34 | 0.63 | 1.06 | | 0.3 | 0.6 | 2.2 | 0.6 |
| 154 | | | | | | | | |
| 155 | | | | | | | | |
| 156/157 | | | | | 2.0 | | 1.9 | 2.1 |
| 158 | | | | | | | | |
| 159 | | | | | | | | |
| 160 | | | | | | | | |
| 161 | | | | | | | | |
| 162 | | | | | | | | |
| 165 | | | | | | | | |
| 167 | | | | | | | | |
| 169 | | | | | | 1.7 | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Heptachlorobiphenyls | | | | | | | | |
| 170 | | | | | | | | |
| 171/173 | | | | | | | | |
| 172 | | | | | | | | |
| 174 | | | | | | | | |
| 175 | | | | | | | | |
| 176 | | | | | | | | |
| 177 | | | | | | | | |
| 178 | | | | | | | | |
| 179 | | | | | | | | |
| 180/193 | | | | | | | | |
| 181 | | | | | | | | |
| 182 | | | | | | | | |
| 183/185 | | | | | | | | |
| 184 | | | | | | | | |
| 186 | | | | | | | | |
| 187 | | | | | | | | |
| 188 | | | | | | | | |
| 189 | | | | | | | | |
| 190 | | | | | | | | |
| 191 | | | | | | | | |
| 192 | | | | | | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | | | | | | | | |
| 195 | | | | | | | | |
| 196 | | | | | | | | |
| 197 | | | | | | | | |
| 198/199 | | | | | | | | |
| 200 | | | | | | | | |
| 201 | | | | | | | | |
| 202 | | | | | | | | |
| 203 | | | | | | | | |
| 205 | | | | | | | | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | | | | | | | | |
| 207 | | | | | | | | |
| 208 | | | | | | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | | | | | | | | |
| Recoveries | | | | | | | | |
| 14 | 85% | 60% | 60% | 70% | 85% | 72% | 104% | 83% |
| d-65/65 | 72% | 50% | 49% | 58% | 86% | 68% | 81% | 75% |
| 166 | 106% | 79% | 78% | 90% | 107% | 88% | 106% | 107% |

| Batch I.D. | 0111-10 | 0112-02 | 0112-04 | 0112-06 | 0112-08 | 0113-02 | 0113-04 | 0113-07 |
|---|---|---|---|---|---|---|---|---|
| Sample I.D. | 6202819P0 5222009 | 6204419P0 5282009 | 6204619P0 5242009 | 6205019P052 42009 | 6209415P0 5222009 | 620621703 092009 | 620721503 082009 | 620561703 082009 |
| Deployment | 2/22/2009 | 3/1/2009 | 3/1/2009 | 3/2/2009 | 2/14/2009 | 12/5/2008 | 12/18/2008 | 12/14/2008 |
| Collection | 5/22/2009 | 5/28/2009 | 5/24/2009 | 5/24/2009 | 5/22/2009 | 3/9/2009 | 3/8/2009 | 3/8/2009 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 3.3 | 2.9 | 4.0 | 9.0 | 7.3 | 27.3 | 48.2 | 12.5 |
| 2 | 0.6 | 0.6 | 0.8 | 2.3 | 1.1 | 6.0 | 12.2 | 1.8 |
| 3 | 24.0 | 34.7 | 37.1 | 41.5 | 44.2 | 86.8 | 105.7 | 68.9 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 15.4 | 23.1 | 46.2 | 31.7 | 20.5 | 26.5 | 30.2 | 28.4 |
| 5 | 0.3 | 0.3 | 0.4 | 0.6 | 0.3 | 1.3 | 3.3 | 0.5 |
| 6 | 2.7 | 2.6 | 5.1 | 5.8 | 3.8 | 9.8 | 22.1 | 5.1 |
| 7 | 0.6 | 0.7 | 1.1 | 2.0 | 0.9 | 3.6 | 7.3 | 1.4 |
| 8 | 10.5 | 10.3 | 21.9 | 22.4 | 15.0 | 36.8 | 85.5 | 20.3 |
| 9 | 1.0 | 1.2 | 1.6 | 2.5 | 1.2 | 4.3 | 8.4 | 2.5 |
| 10 | 0.5 | 0.9 | 1.7 | 1.5 | 0.8 | 1.3 | 2.0 | 1.2 |
| 11 | 13.5 | 12.2 | 18.4 | 13.8 | 11.4 | 6.8 | 6.6 | 19.9 |
| 12/13 | 0.5 | 0.5 | 1.0 | 0.7 | 1.8 | 1.4 | 7.8 | 1.9 |
| 15 | 1.7 | 1.5 | 2.4 | 2.3 | 1.7 | 4.4 | 22.1 | 3.1 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 3.5 | 3.9 | 8.4 | 5.5 | 5.1 | 6.7 | 20.2 | 7.5 |
| 17 | 3.8 | 4.4 | 11.5 | 6.8 | 6.0 | 9.0 | 23.3 | 8.6 |
| 18/30 | 9.0 | | | 16.4 | 13.9 | 18.9 | 44.6 | 20.1 |
| 19 | 1.5 | 2.0 | 5.2 | 2.9 | 2.1 | 2.8 | 4.7 | 3.2 |
| 20/28 | 5.4 | 6.2 | 9.2 | 6.9 | 5.6 | 11.1 | 41.7 | 12.1 |
| 21/33 | 3.3 | 3.8 | 5.5 | 4.4 | 3.7 | 6.8 | 26.4 | 7.5 |
| 22 | 1.8 | 2.1 | 2.7 | 2.4 | 1.8 | 3.3 | 13.3 | 3.9 |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | 0.4 | 0.5 | 0.7 | 0.6 | 0.5 | 0.9 | 3.3 | 0.9 |
| 26/29 | 1.1 | 1.1 | 2.0 | 1.5 | 1.2 | 2.3 | 7.8 | 2.4 |
| 27 | 0.4 | 0.5 | 1.3 | 0.9 | 0.7 | 1.0 | 3.0 | 1.1 |
| 31 | 5.7 | 6.1 | 9.9 | 8.2 | 6.9 | 10.1 | 33.9 | 12.7 |
| 32 | 2.3 | 2.2 | 4.9 | 3.3 | 2.8 | 4.2 | 12.6 | 4.4 |
| 34 | | | | | | | 0.2 | |
| 35 | 1.2 | 0.3 | 0.1 | | | 0.8 | 0.2 | 0.2 |
| 36 | | | 0.4 | | | | | 0.7 |
| 37 | 0.6 | 0.9 | 1.0 | 0.7 | | 0.5 | 3.3 | 1.5 |
| 28 | | | | | | | | 0.4 |
| 39 | | | | | | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 1.8 | 1.6 | 2.9 | 2.4 | 2.3 | 1.4 | 2.9 | 3.5 |
| 42 | 1.1 | 0.8 | 1.8 | 1.7 | 1.4 | 0.8 | 1.7 | 1.7 |
| 43/73 | | | | | | | 0.3 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 44/47/65 | 7.0 | 6.9 | 15.8 | 21.4 | 15.4 | 4.0 | 6.4 | 15.5 |
| 45 | 1.3 | 0.8 | 1.3 | 1.0 | 0.9 | 0.5 | 1.0 | 0.9 |
| 46 | 0.4 | | 0.7 | 0.8 | 0.7 | | 0.6 | 0.5 |
| 48 | 1.0 | 1.0 | 1.5 | 1.6 | 1.1 | 0.8 | 1.9 | 1.3 |
| 49/69 | 6.4 | 3.2 | 9.6 | 12.7 | 9.4 | 2.4 | 4.2 | 9.2 |
| 50/53 | 1.2 | 1.4 | 2.6 | 3.4 | 3.0 | 0.8 | 1.5 | 2.2 |
| 52 | 11.8 | 13.9 | 44.0 | 72.5 | 52.2 | 8.5 | 9.7 | 49.5 |
| 54 | | | | | | | | |
| 55 | | | | | | | | |
| 56 | 0.9 | 0.8 | 1.3 | 1.2 | 0.3 | 0.4 | 0.8 | 1.4 |
| 57 | | | | | | | | |
| 58 | | | | | | | | |
| 59/62/75 | | | 0.4 | | | 0.3 | 0.6 | 0.4 |
| 60 | 0.5 | 0.5 | 0.8 | 0.7 | | 0.2 | 0.4 | 0.7 |
| 61/70/74/76 | 5.3 | 4.4 | 11.1 | 12.2 | 7.7 | 2.7 | 4.3 | 11.7 |
| 63 | | | | | | | | |
| 64 | 2.2 | 1.6 | | 5.1 | 3.6 | 1.2 | 2.1 | 4.4 |
| 66 | 1.8 | 1.8 | 3.3 | 2.8 | 2.0 | 1.0 | 2.0 | 2.8 |
| 67 | | | 3.8 | | | | 0.2 | |
| 68 | | | | | | | | |
| 72 | | | | | | | | |
| 77 | | | | | | | | |
| 78 | | | | | | | | |
| 79 | | | | | | | | |
| 80 | | | | | | | | |
| 81 | | | | | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | 0.4 | | 0.5 | | | 0.1 | | 0.5 |
| 83/99 | 1.8 | 0.6 | 2.5 | 2.3 | 1.4 | 0.8 | 0.7 | 4.3 |
| 84 | 1.7 | 1.2 | 5.1 | 6.9 | 3.8 | 0.7 | 0.7 | 5.1 |
| 85/116/117 | 1.1 | 0.6 | 0.6 | 1.0 | 0.7 | 0.4 | 0.4 | 0.4 |
| 86/87/97/10 | 1.5 | 1.2 | 4.3 | 4.2 | 0.9 | 0.6 | 0.8 | 4.9 |
| 88/91 | 0.9 | 0.3 | 1.4 | 1.6 | 0.9 | 0.3 | 0.3 | 2.5 |
| 89 | | | | | | | | |
| 90/101/113 | 3.9 | 2.8 | 11.1 | 11.7 | 6.7 | 1.7 | 1.6 | 9.5 |
| 92 | 0.8 | 0.6 | 2.3 | 2.7 | 1.5 | 0.3 | | 2.0 |
| 93/100 | | | | | | | | |
| 94 | | | | | | | | |
| 95 | 6.9 | 4.8 | 21.6 | 31.1 | 18.1 | 2.8 | 2.5 | 20.5 |
| 96 | | | 0.3 | 0.5 | | | | 0.2 |
| 98/102 | 0.2 | | 0.3 | 0.3 | | | | 0.6 |
| 103 | | | | | | | | |
| 104 | | | | | | | | |
| 105 | 0.4 | | 0.4 | | 0.3 | | 0.1 | 0.3 |
| 106 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 107/123 | | | | | | | | |
| 108/124 | | | | | | | | |
| 110/115 | 2.7 | 0.8 | 2.7 | 3.0 | 1.7 | 1.1 | 1.0 | 5.3 |
| 111 | | | | | | | | |
| 112 | | | | | | | | |
| 114 | | | | | | | | |
| 118 | 1.0 | 0.6 | 1.4 | 1.2 | 0.9 | 0.3 | | 1.3 |
| 120 | | | | | | | | |
| 121 | | | | | | | | |
| 122 | | | | | | | | |
| 126 | 1.0 | 1.0 | 1.1 | 0.9 | 0.8 | 0.4 | 0.5 | 0.4 |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 0.8 | 0.3 | 0.5 | 0.5 | 0.5 | 0.6 | 0.7 | |
| 130 | | | | | | | | |
| 131 | | | | | | | | |
| 132 | | | 0.4 | 1.0 | 0.4 | | 0.3 | 1.1 |
| 133 | | | | | | | | |
| 134/143 | | | | | | | | |
| 135/151 | | | 0.9 | 1.3 | 0.6 | | 0.4 | 1.6 |
| 136 | 0.3 | 0.2 | 0.9 | 1.4 | 0.8 | 0.4 | 0.3 | 2.0 |
| 137/164 | | | | | | | | 1.1 |
| 139/140 | | | | | | | | |
| 141 | | | | | | | | |
| 142 | | | | | | 1.2 | 1.0 | 4.0 |
| 144 | | | | | | | | |
| 145 | | | | | | | | |
| 146 | | | | | | | | |
| 147/149 | 1.0 | 1.8 | 1.4 | 2.0 | 1.1 | | | |
| 148 | | | | | | | | |
| 150 | | | | | | | | |
| 152 | | | | | | | | |
| 153/168 | 0.8 | 0.7 | 0.5 | | 0.4 | 0.4 | 0.9 | 1.0 |
| 154 | | | | | | | | |
| 155 | | | | | | | | |
| 156/157 | 2.5 | 2.0 | 2.2 | 2.3 | 2.2 | 3.0 | | 4.1 |
| 158 | | | | | | | | |
| 159 | | | | | | | | |
| 160 | | | | | | | | |
| 161 | | | | | | | | |
| 162 | | | | | | | | |
| 165 | | | | | | | | |
| 167 | | | | | | | | |
| 169 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Heptachlorobiphenyls | | | | | | | | |
| 170 | | | | | | | | |
| 171/173 | | | | | | | | |
| 172 | | | | | | | | |
| 174 | | | | | | | | |
| 175 | | | | | | | | |
| 176 | | | | | | | | |
| 177 | | | | | | | | |
| 178 | | | | | | | | |
| 179 | | | | | | | | |
| 180/193 | | | | | | | | |
| 181 | | | | | | | | |
| 182 | | | | | | | | |
| 183/185 | | | | | | | | |
| 184 | | | | | | | | |
| 186 | | | | | | | | |
| 187 | | | | | | | | |
| 188 | | | | | | | | |
| 189 | | | | | | | | |
| 190 | | | | | | | | |
| 191 | | | | | | | | |
| 192 | | | | | | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | | | | | | | | |
| 195 | | | | | | | | |
| 196 | | | | | | | | |
| 197 | | | | | | | | |
| 198/199 | | | | | | | | |
| 200 | | | | | | | | |
| 201 | | | | | | | | |
| 202 | | | | | | | | |
| 203 | | | | | | | | |
| 205 | | | | | | | | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | | | | | | | | |
| 207 | | | | | | | | |
| 208 | | | | | | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | | | | | | | | |
| Recoveries | | | | | | | | |
| 14 | 70% | 86% | 80% | 81% | 80% | 69% | 90% | 53% |
| d-65/65 | 64% | 80% | 75% | 75% | 75% | 74% | 96% | 55% |
| 166 | 85% | 117% | 109% | 111% | 110% | 69% | 90% | 52% |

| Batch I.D. | 0113-09 | 0114-02 | 0114-04 | 0114-06 | 0114-08 | 0114-10 | 0115-02 | 0115-04 |
|---|---|---|---|---|---|---|---|---|
| Sample I.D. | 6209615P0 5162009 | 6201615 | 6203213 | 6203615 | 6206415 | 6207213 | 6207813 | 6208213 |
| Deployment | 2/14/2009 | 9/11/2008 | 9/28/2008 | 9/16/2008 | 9/12/2008 | 9/15/2008 | 10/10/2008 | 9/25/2008 |
| Collection | 5/16/2009 | 12/23/2008 | 1/10/2009 | 12/16/2008 | 12/15/2008 | 12/18/2008 | 1/15/2009 | 1/9/2009 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 7.6 | 5.0 | 4.5 | 2.6 | 5.6 | 32.4 | 30.3 | 16.5 |
| 2 | 1.6 | 1.0 | 0.9 | 0.7 | 1.2 | 15.7 | 8.6 | 3.9 |
| 3 | 36.6 | 35.7 | 33.4 | 15.1 | 30.5 | 130.2 | 82.9 | 72.7 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 21.7 | 122.8 | 105.1 | 47.9 | 77.1 | 168.7 | 115.7 | 207.5 |
| 5 | 0.5 | | | 0.3 | | | | |
| 6 | 4.4 | 13.9 | 9.6 | 6.2 | 8.4 | 58.7 | 20.2 | 29.1 |
| 7 | 1.2 | 2.3 | 1.9 | 1.6 | 1.6 | 14.8 | 5.6 | 4.9 |
| 8 | 15.9 | 56.8 | 37.6 | 23.6 | 35.3 | 237.2 | 80.9 | 122.8 |
| 9 | 1.6 | 3.2 | 2.2 | 3.1 | 2.2 | 17.2 | 5.9 | 5.8 |
| 10 | 1.0 | 3.9 | 3.8 | 2.0 | 2.7 | 6.5 | 4.5 | 7.4 |
| 11 | 13.1 | 53.6 | 16.0 | 17.5 | 12.0 | 25.2 | 13.5 | 33.0 |
| 12/13 | 1.4 | 1.4 | 0.8 | 1.0 | 3.8 | 16.5 | 2.9 | 4.3 |
| 15 | 3.1 | 5.2 | 3.2 | 2.8 | | 47.2 | 8.3 | 15.8 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 4.5 | 16.3 | 9.4 | 6.9 | 10.8 | 44.8 | 15.8 | 36.1 |
| 17 | 5.5 | 28.1 | 18.7 | 11.7 | 18.8 | 84.8 | 29.7 | 60.5 |
| 18/30 | 12.6 | 62.1 | 41.0 | 26.1 | 39.4 | 169.4 | 62.3 | 133.5 |
| 19 | 2.2 | 12.0 | 8.2 | 4.7 | 7.5 | 23.5 | 11.1 | 23.1 |
| 20/28 | 5.8 | 17.9 | 11.6 | 11.6 | 11.1 | 96.0 | 18.9 | 47.1 |
| 21/33 | 3.5 | 10.5 | 6.3 | 6.6 | 6.4 | 53.4 | 11.0 | 28.5 |
| 22 | 1.8 | 5.2 | 3.2 | 3.5 | 2.8 | 24.7 | 5.2 | 13.6 |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | 0.5 | 1.4 | 0.9 | 0.9 | 0.8 | 7.9 | 1.6 | 3.6 |
| 26/29 | 1.3 | 4.4 | 2.6 | 2.6 | 2.2 | 19.2 | 4.4 | 10.3 |
| 27 | 0.7 | 3.2 | 1.7 | 1.4 | 2.1 | 10.7 | 3.4 | 6.9 |
| 31 | 6.2 | 17.3 | 10.8 | 10.9 | 10.7 | 76.4 | 17.0 | 45.1 |
| 32 | 2.5 | 11.3 | 7.3 | 5.5 | 7.3 | 37.1 | 11.7 | 25.5 |
| 34 | | | | | | | | |
| 35 | 0.2 | 0.5 | | | | | | |
| 36 | 0.4 | | | | | | | |
| 37 | 0.7 | 1.5 | 0.7 | 1.1 | | 5.8 | | 3.4 |
| 28 | | | | | | | | |
| 39 | | 0.8 | | | | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 1.6 | 3.6 | 2.1 | 3.5 | 2.3 | 10.1 | 1.8 | 6.7 |
| 42 | 0.7 | 1.8 | | 1.6 | 1.1 | 6.0 | 5.2 | 13.6 |
| 43/73 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 44/47/65 | 8.1 | 9.4 | 7.9 | 9.1 | 7.6 | 24.7 | 7.6 | 25.4 |
| 45 | 0.5 | 3.5 | 2.3 | 2.5 | 2.5 | 10.4 | 2.9 | 8.8 |
| 46 | 0.3 | 1.0 | | | | 2.9 | | |
| 48 | 0.6 | 1.9 | 1.2 | 1.3 | | 7.0 | | 4.3 |
| 49/69 | 4.5 | 6.1 | 4.9 | 5.0 | 4.2 | 17.7 | 4.5 | 15.0 |
| 50/53 | 1.3 | 3.0 | 2.4 | | 2.0 | 8.0 | 2.9 | 8.2 |
| 52 | 26.5 | 25.6 | 23.6 | 23.3 | 22.4 | 54.7 | 21.9 | 65.7 |
| 54 | | | | | | | | |
| 55 | | | | | | | | |
| 56 | 0.5 | 1.2 | | 1.3 | | 2.7 | | 3.2 |
| 57 | | | | | | | | |
| 58 | | | | | | | | |
| 59/62/75 | 0.2 | 0.5 | | | | 2.2 | | 1.7 |
| 60 | 0.3 | 0.5 | | 0.7 | | 1.4 | | 1.9 |
| 61/70/74/76 | 4.6 | 6.9 | 4.2 | 7.5 | 4.6 | 15.4 | 4.4 | 17.1 |
| 63 | | | | | | | | |
| 64 | 1.9 | 3.0 | 2.1 | 2.8 | 2.3 | 8.3 | 2.4 | 8.4 |
| 66 | 1.1 | 2.5 | 1.3 | 3.0 | 1.8 | 7.2 | 1.4 | 7.4 |
| 67 | | | | | | | | |
| 68 | | | | | | | | |
| 72 | | | | | | | | |
| 77 | | | | | | | | |
| 78 | | | | | | | | |
| 79 | | | | | | | | |
| 80 | | | | | | | | |
| 81 | | | | | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | 1.1 | | | | | | | |
| 83/99 | 1.8 | 2.2 | 1.9 | 2.0 | 1.7 | 3.4 | 1.9 | 5.6 |
| 84 | 2.5 | 2.0 | 1.9 | 2.1 | | 2.9 | 1.4 | 5.5 |
| 85/116/117 | 0.6 | | 0.9 | 1.1 | 1.1 | 1.1 | 2.5 | 7.8 |
| 86/87/97/10 | 2.0 | 2.6 | 2.0 | 2.6 | 1.8 | 2.7 | 2.0 | 5.9 |
| 88/91 | 1.2 | 1.0 | 1.0 | | 1.5 | 1.6 | | 2.9 |
| 89 | | | | | | | | |
| 90/101/113 | 4.3 | 5.1 | 4.5 | 4.4 | 3.2 | 7.2 | 3.4 | 10.7 |
| 92 | 0.9 | 0.9 | 1.0 | | | 1.4 | | 1.9 |
| 93/100 | | | | | | | | |
| 94 | | | | | | | | |
| 95 | 10.6 | 7.3 | 8.0 | 6.7 | 6.9 | 12.8 | 6.3 | 20.2 |
| 96 | 0.2 | | | | | | | |
| 98/102 | 0.2 | | | | | | | |
| 103 | | | | | | | | |
| 104 | | | | | | | | |
| 105 | 0.2 | 0.4 | | | | | | |
| 106 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 107/123 | | | | | | | | |
| 108/124 | | | | | | | | |
| 110/115 | 2.4 | 4.1 | 2.8 | 2.7 | 2.1 | 4.0 | | |
| 111 | | | | | | | | |
| 112 | | | | | | | | |
| 114 | | | | | | | | |
| 118 | | 1.2 | 1.2 | 1.2 | | 1.1 | 0.9 | 2.1 |
| 120 | | | | | | | | |
| 121 | | | | | | | | |
| 122 | | | | | | | | |
| 126 | 0.4 | | | | | | | |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | | 1.0 | 1.1 | | | | | |
| 130 | | | | | | | | |
| 131 | | | | | | | | |
| 132 | 0.7 | 0.5 | | | | | | |
| 133 | | | | | | | | |
| 134/143 | | | | | | | | |
| 135/151 | 1.3 | | | | | | | |
| 136 | 1.2 | | | | | | | 1.7 |
| 137/164 | 1.0 | | | | | | | |
| 139/140 | | | | | | | | |
| 141 | | | | | | | | |
| 142 | 2.8 | | | | | | | |
| 144 | | | | | | | | |
| 145 | | | | | | | | |
| 146 | | | | | | | | |
| 147/149 | | 1.6 | 1.5 | 1.4 | | 0.4 | | 3.3 |
| 148 | | | | | | | | |
| 150 | | | | | | | | |
| 152 | | | | | | | | |
| 153/168 | 1.1 | 1.5 | 0.7 | | | | | |
| 154 | | | | | | | | |
| 155 | | | | | | | | |
| 156/157 | 2.4 | | | | | | | |
| 158 | | | | | | | | |
| 159 | | | | | | | | |
| 160 | | | | | | | | |
| 161 | | | | | | | | |
| 162 | | | | | | | | |
| 165 | | | | | | | | |
| 167 | | | | | | | | |
| 169 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Heptachlorobiphenyls | | | | | | | | |
| 170 | | | | | | | | |
| 171/173 | | | | | | | | |
| 172 | | | | | | | | |
| 174 | | | | | | | | |
| 175 | | | | | | | | |
| 176 | | | | | | | | |
| 177 | | | | | | | | |
| 178 | | | | | | | | |
| 179 | | | | | | | | |
| 180/193 | | | | | | | | |
| 181 | | | | | | | | |
| 182 | | | | | | | | |
| 183/185 | | | | | | | | |
| 184 | | | | | | | | |
| 186 | | | | | | | | |
| 187 | | | | | | | | |
| 188 | | | | | | | | |
| 189 | | | | | | | | |
| 190 | | | | | | | | |
| 191 | | | | | | | | |
| 192 | | | | | | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | | | | | | | | |
| 195 | | | | | | | | |
| 196 | | | | | | | | |
| 197 | | | | | | | | |
| 198/199 | | | | | | | | |
| 200 | | | | | | | | |
| 201 | | | | | | | | |
| 202 | | | | | | | | |
| 203 | | | | | | | | |
| 205 | | | | | | | | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | | | | | | | | |
| 207 | | | | | | | | |
| 208 | | | | | | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | | | | | | | | |
| Recoveries | | | | | | | | |
| 14 | 90% | 86% | 89% | 88% | 93% | 83% | 84% | 82% |
| d-65/65 | 96% | 92% | 94% | 99% | 96% | 83% | 90% | 84% |
| 166 | 89% | 88% | 90% | 98% | 100% | 87% | 89% | 82% |

| Batch I.D. | 0115-06 | 0115-08 | 0116-03 | 0116-05 | 0116-07 | 0116-09 | 0117-02 | 0117-04 |
|---|---|---|---|---|---|---|---|---|
| Sample I.D. | 6209013 | 6200115 | 6203219P0 9262009 | 6204212YR2 P09282009 | 6205212P0 9302009 | 6205412P0 9142009 | 6205612P0 9102009 | 6206212P0 9222009 |
| Deployment | 10/11/2008 | 8/9/2008 | 7/7/2009 | 6/28/2009 | 7/11/2009 | 6/4/2009 | 6/5/2009 | 7/18/2009 |
| Collection | 1/11/2009 | 11/14/2008 | 9/26/2009 | 9/28/2009 | 9/30/2009 | 9/14/2009 | 9/10/2009 | 9/22/2009 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 8.9 | 5.5 | 2.5 | 2.8 | 3.1 | 2.9 | 5.2 | 6.1 |
| 2 | 1.6 | 1.1 | 0.6 | 0.4 | 0.5 | 0.6 | 1.0 | 1.1 |
| 3 | 75.0 | 25.2 | 33.1 | 22.1 | 22.8 | 24.3 | 28.2 | 36.7 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 302.8 | 84.9 | 83.4 | 43.9 | 52.6 | 63.2 | 52.7 | 65.2 |
| 5 | | | | 0.3 | 0.3 | | 0.7 | |
| 6 | 39.7 | 12.0 | 9.1 | 5.5 | 5.7 | 6.8 | 7.5 | 9.6 |
| 7 | 5.1 | 2.3 | 1.6 | 1.1 | 1.2 | 1.2 | 1.4 | 1.8 |
| 8 | 175.8 | 47.4 | 37.4 | 22.5 | 22.9 | 28.1 | 32.8 | 37.1 |
| 9 | 6.0 | 3.7 | 1.9 | 1.6 | 1.7 | 1.7 | 1.9 | 2.4 |
| 10 | 9.4 | 2.8 | 3.0 | 1.6 | 1.9 | 2.1 | 1.4 | 2.0 |
| 11 | 34.7 | 23.0 | 31.0 | 42.2 | 29.5 | 35.9 | 41.3 | 30.4 |
| 12/13 | 3.3 | 1.3 | 1.1 | 0.6 | 1.1 | 1.1 | 0.5 | 1.8 |
| 15 | 18.8 | 6.2 | 4.1 | 4.3 | 3.1 | 3.8 | 5.8 | 6.7 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 59.7 | 12.3 | 12.1 | 8.4 | 6.1 | 8.8 | 13.1 | 13.4 |
| 17 | 107.6 | 20.7 | 20.1 | 11.9 | 9.5 | 13.7 | 16.3 | 15.7 |
| 18/30 | 231.8 | 45.9 | 45.2 | 26.5 | 21.8 | 32.0 | 35.8 | 36.7 |
| 19 | 38.8 | 8.1 | 9.6 | 4.8 | 4.5 | 6.4 | 6.1 | 6.6 |
| 20/28 | 69.7 | 21.4 | 14.0 | 16.2 | 10.3 | 15.1 | 19.0 | 21.5 |
| 21/33 | 38.3 | 12.1 | 8.9 | 10.3 | 6.1 | 9.2 | 12.6 | 14.2 |
| 22 | 17.1 | 6.8 | 4.2 | 6.1 | 3.2 | 5.2 | 6.5 | 7.5 |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | 5.1 | 1.5 | 1.0 | 1.2 | 0.7 | 1.0 | 1.6 | 2.0 |
| 26/29 | 16.0 | 4.4 | 3.2 | 3.3 | 2.0 | 3.0 | 4.0 | 4.3 |
| 27 | 12.3 | 2.4 | 2.3 | 1.7 | 1.3 | 1.7 | 1.9 | 2.3 |
| 31 | 65.3 | 19.7 | 14.8 | 16.8 | 10.4 | 14.8 | 20.8 | 22.4 |
| 32 | 44.7 | 9.8 | 8.5 | 6.3 | 4.6 | 6.9 | 8.1 | 7.9 |
| 34 | | | | | | | | |
| 35 | | | | 0.6 | | | 0.7 | |
| 36 | | | | | | | | |
| 37 | 3.2 | 2.0 | 1.5 | 2.1 | 1.4 | 2.0 | 2.4 | 3.0 |
| 28 | | | | | | | | |
| 39 | | | | | | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 6.2 | 3.5 | 3.1 | 5.4 | 3.4 | 4.6 | 7.4 | 6.9 |
| 42 | 15.7 | 6.1 | 1.9 | 2.6 | 1.6 | 2.3 | 3.5 | 2.9 |
| 43/73 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 44/47/65 | 31.4 | 11.2 | 13.3 | 20.5 | 10.9 | 16.3 | 29.8 | 24.3 |
| 45 | 14.2 | 3.4 | 2.9 | 3.7 | 2.2 | 3.3 | 3.2 | 4.0 |
| 46 | 4.1 | 1.0 | | 1.5 | | 46.6 | | |
| 48 | 7.3 | 1.9 | 1.9 | 2.8 | 1.4 | 2.0 | 2.5 | 2.6 |
| 49/69 | 19.8 | 7.8 | 7.5 | 11.5 | 6.5 | 8.9 | 16.6 | 13.1 |
| 50/53 | 11.7 | 2.8 | 2.6 | 3.0 | 2.1 | 2.7 | 3.8 | 3.0 |
| 52 | 72.3 | 26.3 | 30.9 | 50.4 | 27.6 | | 78.1 | 61.3 |
| 54 | | | | | | | | |
| 55 | | | | | | | | |
| 56 | 2.7 | 1.4 | 1.7 | 2.5 | | 2.0 | 2.4 | 3.4 |
| 57 | | | | | | | | |
| 58 | | | | | | | | |
| 59/62/75 | 1.9 | | | 0.7 | 0.7 | 0.6 | 1.1 | |
| 60 | 1.8 | 0.9 | | 1.1 | | 1.1 | 1.2 | 2.0 |
| 61/70/74/76 | 19.1 | 9.4 | 11.0 | 19.5 | 9.1 | 13.8 | 27.0 | 23.1 |
| 63 | | | | | | | | |
| 64 | 7.8 | 3.6 | 3.7 | 6.0 | 3.5 | 4.4 | 9.0 | 7.2 |
| 66 | 6.8 | 3.7 | 3.2 | 5.7 | 2.8 | 4.8 | 7.9 | 6.8 |
| 67 | | | | | | | | |
| 68 | | | | | | | | |
| 72 | | | | | | | | |
| 77 | | | | | | | | |
| 78 | | | | | | | | |
| 79 | | | | | | | | |
| 80 | | | | | | | | |
| 81 | | | | | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | | | | | | | 1.4 | |
| 83/99 | 6.1 | 2.9 | 2.8 | 8.4 | 3.6 | 5.7 | 12.4 | 9.3 |
| 84 | 5.8 | 2.4 | 4.4 | 7.0 | 3.0 | 5.1 | 11.0 | 8.5 |
| 85/116/117 | 9.0 | 3.7 | | 1.9 | 1.2 | 1.7 | 2.8 | |
| 86/87/97/10 | 6.5 | 3.2 | 5.7 | 9.2 | 3.5 | 6.6 | 12.8 | 3.4 |
| 88/91 | 3.1 | 1.4 | 1.9 | 3.3 | 1.7 | 2.6 | 5.9 | 4.4 |
| 89 | | | | | | | | |
| 90/101/113 | 12.8 | 6.1 | 11.5 | 17.5 | 7.3 | 12.9 | 26.5 | 21.2 |
| 92 | 2.5 | 1.2 | 1.5 | 3.4 | 1.4 | 2.5 | 5.6 | 4.2 |
| 93/100 | | | | | | | | |
| 94 | | | | | | | | |
| 95 | 21.1 | 8.9 | 16.6 | 26.6 | 12.3 | 18.6 | 42.4 | 33.1 |
| 96 | | | | | | | | |
| 98/102 | | | | | | | 1.3 | |
| 103 | | | | | | | | |
| 104 | | | | | | | | |
| 105 | | | 0.6 | 0.9 | | 0.7 | 1.1 | |
| 106 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 107/123 | | | | | | | 3.3 | |
| 108/124 | | | | | | | | |
| 110/115 | | | 6.8 | 10.8 | 4.4 | 8.3 | 13.8 | 14.6 |
| 111 | | | | | | | | |
| 112 | | | 1.6 | | | | 1.8 | |
| 114 | | | | | | | | |
| 118 | 2.7 | 1.3 | 1.9 | 3.2 | 1.2 | 2.3 | 4.3 | 3.8 |
| 120 | | | | | | | | |
| 121 | | | | | | | | |
| 122 | | | | | | | | |
| 126 | | | | | | | | |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 1.9 | | 1.2 | 1.8 | | 1.4 | 2.2 | 2.3 |
| 130 | | | | | | | | |
| 131 | | | | | | | | |
| 132 | 1.2 | | | 1.3 | | 1.3 | 1.9 | |
| 133 | | | | | | | | |
| 134/143 | | | | | | | | |
| 135/151 | 2.1 | | 1.4 | 2.6 | | 1.6 | 2.8 | 2.3 |
| 136 | 1.7 | | 1.0 | 1.7 | | 1.5 | 2.7 | |
| 137/164 | | | | | | | | |
| 139/140 | | | | | | | | |
| 141 | | | | | | | | |
| 142 | | | | | | | | |
| 144 | | | | | | | | |
| 145 | | | | | | | | |
| 146 | | | | | | | | |
| 147/149 | 3.0 | 1.6 | 2.8 | 4.3 | 1.8 | 3.2 | 6.0 | 5.8 |
| 148 | | | | | | | | |
| 150 | | | | | | | | |
| 152 | | | | | | | | |
| 153/168 | 1.3 | | 1.5 | 1.9 | | 1.5 | 2.3 | 2.1 |
| 154 | | | | | | | | |
| 155 | | | | | | | | |
| 156/157 | | | | | | | | |
| 158 | | | | | | | | |
| 159 | | | | | | | | |
| 160 | | | | | | | | |
| 161 | | | | | | | | |
| 162 | | | | | | | | |
| 165 | | | | | | | | |
| 167 | | | | | | | | |
| 169 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Heptachlorobiphenyls | | | | | | | | |
| 170 | | | | | | | | |
| 171/173 | | | | | | | | |
| 172 | | | | | | | | |
| 174 | | | | | | | | |
| 175 | | | | | | | | |
| 176 | | | | | | | | |
| 177 | | | | | | | | |
| 178 | | | | | | | | |
| 179 | | | | | | | | |
| 180/193 | | | | | | | | |
| 181 | | | | | | | | |
| 182 | | | | | | | | |
| 183/185 | | | | | | | | |
| 184 | | | | | | | | |
| 186 | | | | | | | | |
| 187 | | | | | | | | |
| 188 | | | | | | | | |
| 189 | | | | | | | | |
| 190 | | | | | | | | |
| 191 | | | | | | | | |
| 192 | | | | | | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | | | | | | | | |
| 195 | | | | | | | | |
| 196 | | | | | | | | |
| 197 | | | | | | | | |
| 198/199 | | | | | | | | |
| 200 | | | | | | | | |
| 201 | | | | | | | | |
| 202 | | | | | | | | |
| 203 | | | | | | | | |
| 205 | | | | | | | | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | | | | | | | | |
| 207 | | | | | | | | |
| 208 | | | | | | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | | | | | | | | |
| Recoveries | | | | | | | | |
| 14 | 81% | 88% | 72% | 81% | 73% | 84% | 77% | 77% |
| d-65/65 | 87% | 94% | 74% | 82% | 75% | 86% | 89% | 82% |
| 166 | 81% | 83% | 77% | 89% | 80% | 89% | 81% | 82% |

| Batch I.D. | 0117-06 | 0117-08 | 0117-09 | 0118-02 | 0118-04 | 0118-06 | 0118-08 | 0119-02 |
|---|---|---|---|---|---|---|---|---|
| Sample I.D. | 6206812P0 8142009 | 6207012PP 09302009 | 6207219P0 9282009 | 6207417P092 92009 | 6208019P1 0012009 | 6210215P0 9212009 | 6202612P0 9302009 | 6203212P0 1182010 |
| Deployment | 7/20/2009 | 6/27/2009 | 7/11/2009 | 7/11/2009 | 7/7/2009 | 8/26/2009 | 8/15/2009 | 9/28/2009 |
| Collection | 8/14/2009 | 9/30/2009 | 9/28/2009 | 9/29/2009 | 10/1/2009 | 9/21/2009 | 9/30/2009 | 1/18/2010 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 3.2 | 11.8 | 18.7 | 5.3 | 2.5 | 2.7 | 3.8 | |
| 2 | 1.4 | 6.4 | 12.2 | 1.6 | 0.6 | 0.9 | 1.0 | |
| 3 | 29.9 | 65.6 | 110.5 | 24.8 | 31.9 | 49.9 | 69.2 | 8.5 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 57.0 | 66.7 | 103.2 | 35.0 | 61.8 | 57.5 | 165.8 | 20.9 |
| 5 | | | | 0.4 | | | | |
| 6 | 7.4 | 24.5 | 93.5 | 5.4 | 7.1 | 7.2 | 17.8 | 3.6 |
| 7 | 1.6 | 6.4 | 18.5 | 1.4 | 1.3 | 0.6 | 2.5 | |
| 8 | 32.4 | 106.5 | 434.4 | 21.3 | 30.6 | 30.1 | 76.7 | 14.1 |
| 9 | 1.9 | 7.0 | 22.9 | 1.8 | 1.4 | 0.8 | 3.1 | |
| 10 | 1.5 | 2.2 | 4.1 | 1.2 | 2.0 | 2.2 | 5.1 | |
| 11 | 46.6 | 25.9 | 60.1 | 25.1 | 23.3 | 17.8 | 38.0 | 3.0 |
| 12/13 | 0.8 | 10.0 | 78.6 | 1.0 | 0.8 | 1.2 | 1.2 | |
| 15 | 5.7 | 30.6 | 286.6 | 4.1 | 3.7 | 4.1 | 7.9 | |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 13.7 | 27.1 | 251.3 | 8.0 | 13.4 | 9.9 | 26.9 | 6.4 |
| 17 | 16.4 | 29.7 | 207.6 | 8.2 | 15.2 | 12.9 | 39.3 | 9.0 |
| 18/30 | 36.3 | 60.8 | 418.2 | 19.2 | 35.4 | 29.2 | 89.8 | 18.4 |
| 19 | 6.9 | 8.0 | 43.1 | 3.0 | 7.2 | 5.7 | 19.4 | |
| 20/28 | 19.3 | 55.5 | 618.1 | 11.4 | 12.0 | 10.2 | 23.2 | 6.4 |
| 21/33 | 12.2 | 36.1 | 456.0 | 7.2 | 7.4 | 6.9 | 12.2 | 3.7 |
| 22 | 7.0 | 19.0 | 248.3 | 3.9 | 4.1 | 3.3 | 5.8 | |
| 23 | | | | | | | | |
| 24 | | | | | | | | |
| 25 | 1.6 | 4.5 | 49.0 | 0.9 | 1.0 | 0.9 | 1.4 | |
| 26/29 | 4.5 | 10.1 | 108.2 | 2.6 | 2.9 | 2.1 | 5.3 | |
| 27 | 2.3 | 3.7 | 33.6 | 1.0 | 1.7 | 1.7 | 4.9 | |
| 31 | 18.8 | 47.4 | 526.1 | 12.2 | 12.7 | 11.1 | 23.0 | 6.4 |
| 32 | 8.2 | 16.5 | 143.7 | 4.8 | 7.2 | 5.7 | 15.9 | 4.4 |
| 34 | | | 2.1 | | | | | |
| 35 | | | 6.3 | | | | | |
| 36 | | | | | | | | |
| 37 | 3.0 | 7.2 | 129.8 | 1.3 | 1.4 | 1.3 | 2.1 | |
| 28 | | | | | | | | |
| 39 | | | 1.5 | | | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 5.9 | 8.5 | 110.8 | 3.8 | 3.7 | 2.6 | 3.8 | |
| 42 | 2.8 | 4.3 | 56.8 | 1.6 | 2.0 | | 2.1 | |
| 43/73 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 44/47/65 | 17.7 | 17.2 | 176.0 | 11.7 | 16.0 | 8.3 | 13.6 | |
| 45 | 3.1 | 4.7 | 58.4 | 2.4 | 2.4 | | 3.8 | |
| 46 | | | 20.3 | | | | | |
| 48 | 2.4 | 3.6 | 55.3 | 1.4 | 1.8 | 1.4 | 2.1 | |
| 49/69 | 10.0 | 11.4 | | 5.7 | 7.8 | 5.1 | 7.9 | |
| 50/53 | 2.7 | 3.1 | 40.0 | 1.5 | 2.3 | 1.8 | 3.6 | |
| 52 | 39.2 | 30.0 | 190.6 | 23.6 | 37.2 | 19.4 | 32.1 | 15.7 |
| 54 | | | | | | | | |
| 55 | | | | | | | | |
| 56 | 2.5 | 3.2 | 53.6 | 1.4 | 1.7 | | 1.5 | |
| 57 | | | | | | | | |
| 58 | | | | | | | | |
| 59/62/75 | | 1.4 | 20.9 | | | | 0.7 | |
| 60 | | 1.9 | 35.4 | | | | 0.9 | |
| 61/70/74/76 | 17.5 | 17.9 | 189.2 | 9.9 | 13.2 | 7.1 | 10.5 | |
| 63 | | | 5.3 | | | | | |
| 64 | 5.2 | 6.9 | 74.9 | 3.1 | 4.3 | 2.4 | 3.4 | |
| 66 | 6.4 | 7.1 | 119.3 | 3.2 | 4.2 | 2.1 | 3.7 | |
| 67 | | | 5.4 | | | | | |
| 68 | | | | | | | | |
| 72 | | | | | | | | |
| 77 | | | 4.5 | | | | | |
| 78 | | | | | | | | |
| 79 | | | | | | | | |
| 80 | | | | | | | | |
| 81 | | | | | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | | | 3.5 | | | | | |
| 83/99 | 5.5 | 4.1 | 17.9 | 5.0 | 6.7 | 3.3 | 4.3 | |
| 84 | 5.3 | 3.6 | 13.2 | 4.1 | 5.4 | 2.7 | 3.5 | |
| 85/116/117 | 1.9 | 1.5 | 5.1 | 1.6 | 1.9 | 1.3 | 1.3 | |
| 86/87/97/10 | 7.1 | 5.7 | 21.4 | 4.2 | 7.0 | 3.9 | 3.3 | |
| 88/91 | 3.0 | 1.9 | 7.1 | 2.2 | 2.7 | 1.6 | 1.8 | |
| 89 | | | | | | | | |
| 90/101/113 | 14.4 | 10.1 | 33.2 | 11.0 | 13.1 | 7.4 | 9.1 | 5.2 |
| 92 | 2.5 | 2.2 | 7.0 | 2.0 | 2.8 | 1.5 | 1.8 | |
| 93/100 | | | | | | | | |
| 94 | | | | | | | | |
| 95 | 20.9 | 13.7 | 40.7 | 14.2 | 20.4 | 9.8 | 13.7 | 6.9 |
| 96 | | | 0.9 | | | | | |
| 98/102 | | | 1.9 | | | | | |
| 103 | | | | | | | | |
| 104 | | | | | | | | |
| 105 | 1.3 | | 4.4 | | | | | |
| 106 | | | | | | | | |

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|---|---|---|---|---|---|---|---|
| 107/123 | | | 3.5 | | | | 1.7 |
| 108/124 | | | | | | | |
| 110/115 | 9.5 | 7.6 | 24.7 | 7.2 | 8.1 | 3.9 | 5.3 |
| 111 | | | | | | | |
| 112 | | | 1.6 | | | | 0.9 |
| 114 | | | | | | | |
| 118 | 3.5 | 2.8 | 12.1 | 2.5 | 2.6 | 1.5 | 1.9 |
| 120 | | | | | | | |
| 121 | | | | | | | |
| 122 | | | | | | | |
| 126 | | | | | | | |
| 127 | | | | | | | |
| Hexachlorobiphenyls | | | | | | | |
| 129/138/163 | 2.0 | 1.9 | 11.9 | 1.6 | 1.5 | | 1.4 |
| 130 | | | | | | | |
| 131 | | | | | | | |
| 132 | | | 5.2 | | | | |
| 133 | | | | | | | |
| 134/143 | | | | | | | |
| 135/151 | 1.8 | | 6.7 | 1.5 | 1.5 | | |
| 136 | 1.3 | 1.3 | 4.2 | 1.0 | 1.6 | | 1.0 |
| 137/164 | | | | | | | |
| 139/140 | | | | | | | |
| 141 | | | 3.0 | | | | |
| 142 | | | | | | | |
| 144 | | | | | | | |
| 145 | | | | | | | |
| 146 | | | 2.5 | | | | |
| 147/149 | 3.4 | 2.4 | 12.4 | 3.2 | 3.5 | 2.1 | 2.9 |
| 148 | | | | | | | |
| 150 | | | | | | | |
| 152 | | | | | | | |
| 153/168 | 2.1 | 1.3 | 10.9 | 1.2 | 1.5 | | 1.5 |
| 154 | | | | | | | |
| 155 | | | | | | | |
| 156/157 | | | | | | | |
| 158 | | | | | | | |
| 159 | | | | | | | |
| 160 | | | | | | | |
| 161 | | | | | | | |
| 162 | | | | | | | |
| 165 | | | | | | | |
| 167 | | | | | | | |
| 169 | | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| Heptachlorobiphenyls | | | | | | | | |
| 170 | | | 4.0 | | | | | |
| 171/173 | | | 1.8 | | | | | |
| 172 | | | | | | | | |
| 174 | | | 4.6 | | | | | |
| 175 | | | | | | | | |
| 176 | | | | | | | | |
| 177 | | | 3.2 | | | | | |
| 178 | | | | | | | | |
| 179 | | | 1.9 | | | | | |
| 180/193 | | | 14.9 | | | | | |
| 181 | | | | | | | | |
| 182 | | | | | | | | |
| 183/185 | | | 3.3 | | | | | |
| 184 | | | | | | | | |
| 186 | | | | | | | | |
| 187 | | | 4.9 | | | | | |
| 188 | | | | | | | | |
| 189 | | | | | | | | |
| 190 | | | 2.3 | | | | | |
| 191 | | | | | | | | |
| 192 | | | | | | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | | | 4.7 | | | | | |
| 195 | | | 2.4 | | | | | |
| 196 | | | 2.6 | | | | | |
| 197 | | | | | | | | |
| 198/199 | | | 4.3 | | | | | |
| 200 | | | | | | | | |
| 201 | | | | | | | | |
| 202 | | | | | | | | |
| 203 | | | 2.8 | | | | | |
| 205 | | | | | | | | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | | | | | | | | |
| 207 | | | | | | | | |
| 208 | | | | | | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | | | | | | | | |
| Recoveries | | | | | | | | |
| 14 | 69% | 73% | 79% | 92% | 91% | 78% | 80% | 21% |
| d-65/65 | 79% | 84% | 90% | 98% | 95% | 89% | 82% | 22% |
| 166 | 88% | 85% | 91% | 91% | 87% | 86% | 78% | 24% |

| Batch I.D. | 0119-04 | 0119-06 | 0119-08 | 0119-10 | 0120-02 | 0120-04 | 0120-06 | 0120-08 |
|---|---|---|---|---|---|---|---|---|
| Sample I.D. | 6203414P1 1222009 | 6203614P1 2162009 | 6203814P0 1162010 | 6204014P121 92009 | 6204214P1 2122009 | 6204414P1 2122009 | 6205214P1 2312009 | 6205414P1 2122009 |
| Deployment | 8/25/2009 | 9/16/2009 | 8/25/2009 | 8/31/2009 | 9/28/2009 | 8/31/2009 | 9/30/2009 | 9/29/2009 |
| Collection | 11/22/2009 | 12/16/2009 | 1/16/2010 | 12/19/2009 | 12/12/2009 | 12/12/2009 | 12/31/2009 | 12/12/2009 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 4.6 | 4.8 | 4.2 | 4.9 | 1.8 | 2.7 | 4.3 | 3.9 |
| 2 | 1.0 | 0.3 | 1.3 | 1.1 | 0.6 | 0.7 | 1.1 | 0.9 |
| 3 | 101.2 | 80.9 | 124.7 | 89.7 | 78.8 | 53.8 | 92.6 | 65.3 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 189.5 | 137.8 | 243.6 | 164.8 | 110.6 | 95.2 | 215.9 | 138.7 |
| 5 | | | | 0.5 | | | | |
| 6 | 26.9 | 18.3 | 33.5 | 19.7 | 13.1 | 11.4 | 28.6 | 18.3 |
| 7 | 4.0 | 2.9 | 4.5 | 2.8 | 2.1 | 1.8 | 3.9 | 2.8 |
| 8 | 117.3 | 77.0 | 142.6 | 81.8 | 55.5 | 47.1 | 122.5 | 75.6 |
| 9 | 3.9 | 3.2 | 5.0 | 3.1 | 2.1 | 1.9 | 4.3 | 3.1 |
| 10 | 5.3 | 4.4 | 8.1 | 5.5 | 3.3 | 3.1 | 6.9 | 4.5 |
| 11 | 25.2 | 32.4 | 35.7 | 15.7 | 18.8 | 13.4 | 20.6 | 21.6 |
| 12/13 | 2.3 | 1.9 | 2.4 | 1.5 | 1.1 | 0.9 | 2.2 | 1.5 |
| 15 | 15.9 | 10.9 | 16.5 | 8.6 | 5.3 | 4.7 | 15.7 | 10.4 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 52.3 | 34.5 | 64.1 | 29.0 | 22.7 | 19.0 | 54.1 | 35.6 |
| 17 | 72.6 | 45.0 | 85.4 | 45.9 | 32.6 | 26.0 | 77.1 | 45.9 |
| 18/30 | 155.0 | 104.6 | 200.3 | 105.6 | 74.0 | 60.5 | 175.5 | 107.4 |
| 19 | 26.5 | 18.9 | 35.4 | 21.8 | 15.2 | 12.8 | 31.8 | 19.8 |
| 20/28 | 51.7 | 29.9 | 47.1 | 1.3 | 14.9 | 13.5 | 53.0 | 31.9 |
| 21/33 | 28.7 | 18.1 | 27.7 | 1.5 | 8.8 | 7.9 | 27.4 | 17.6 |
| 22 | 12.5 | 8.8 | 11.6 | | 4.5 | 3.7 | 12.4 | 8.2 |
| 23 | | | | 23.8 | | | | |
| 24 | | | | 22.7 | | | | |
| 25 | 3.2 | 2.2 | 3.8 | 12.0 | 1.1 | 1.0 | 3.7 | 2.0 |
| 26/29 | 11.9 | 7.1 | 11.7 | 22.7 | 3.6 | 3.7 | 12.1 | 7.6 |
| 27 | 7.8 | 4.9 | 9.1 | 5.3 | 3.5 | 2.6 | 8.4 | 5.2 |
| 31 | 47.0 | 31.2 | 48.2 | 5.2 | 16.2 | 14.3 | 50.1 | 32.3 |
| 32 | 29.6 | 18.7 | 35.9 | 5.4 | 13.0 | 11.0 | 32.8 | 20.1 |
| 34 | | | | 2.0 | | | | |
| 35 | | | | | | | | |
| 36 | | | | | | | | |
| 37 | 3.0 | 2.4 | 1.5 | | 1.1 | 1.1 | 2.5 | 2.1 |
| 28 | | | | | | | | |
| 39 | | | | | | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 5.3 | 4.1 | 4.3 | 4.8 | 3.2 | 2.8 | 8.7 | 7.5 |
| 42 | | | | | 1.6 | 1.4 | 4.2 | 3.8 |
| 43/73 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 44/47/65 | 29.4 | 22.7 | 28.4 | 14.8 | 9.9 | 10.6 | 30.9 | 32.0 |
| 45 | 10.8 | 7.8 | 12.4 | 5.9 | 3.8 | 3.1 | 11.0 | 7.9 |
| 46 | 2.8 | | | 1.9 | | | 2.9 | 2.3 |
| 48 | 5.7 | 3.8 | 4.8 | 2.9 | 1.9 | 1.5 | 5.8 | 4.0 |
| 49/69 | 18.1 | 12.7 | 15.9 | 9.3 | 6.1 | 6.1 | 19.0 | 19.0 |
| 50/53 | 9.7 | 7.4 | 10.3 | 5.9 | 3.8 | 3.4 | 10.3 | 8.2 |
| 52 | 66.3 | 49.7 | 67.8 | 38.9 | 24.3 | 27.8 | 76.2 | 93.3 |
| 54 | | | | | | | | |
| 55 | | | | | | | | |
| 56 | 3.3 | 1.6 | 1.5 | 1.1 | | 0.8 | 2.0 | 2.1 |
| 57 | | | | | | | | |
| 58 | | | | | | | | |
| 59/62/75 | 4.6 | 3.3 | 3.3 | | | | 1.5 | 1.2 |
| 60 | | | | | | | 1.1 | 1.0 |
| 61/70/74/76 | 18.4 | 12.6 | 11.0 | 7.5 | 5.9 | 5.8 | 14.8 | 19.2 |
| 63 | | | | | | | | |
| 64 | 8.5 | 5.8 | 5.8 | 3.7 | 2.9 | 2.6 | 7.5 | 7.8 |
| 66 | 6.3 | 4.7 | 3.3 | 2.8 | 2.2 | 1.6 | 4.3 | 5.0 |
| 67 | | | | | | | | |
| 68 | | | | | | | | |
| 72 | | | | | | | | |
| 77 | | | | | | | | |
| 78 | | | | | | | | |
| 79 | | | | | | | | |
| 80 | | | | | | | | |
| 81 | | | | | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | | | | | | | | |
| 83/99 | 5.8 | 3.8 | 4.0 | 2.4 | 2.1 | 2.1 | 4.5 | 7.5 |
| 84 | 6.0 | 5.1 | 4.7 | 3.0 | 2.5 | 2.6 | 5.8 | 10.2 |
| 85/116/117 | | 2.9 | 1.3 | 0.8 | 0.9 | 0.9 | 1.2 | 1.9 |
| 86/87/97/10 | 6.1 | 1.5 | 3.8 | 2.8 | 2.1 | 2.5 | 4.7 | 8.9 |
| 88/91 | 3.2 | 2.3 | 2.2 | 1.4 | 1.0 | 1.2 | 2.7 | 4.6 |
| 89 | | | | | | | | |
| 90/101/113 | 11.7 | 9.2 | 7.0 | 5.8 | 5.0 | 5.0 | 9.7 | 18.5 |
| 92 | 2.6 | 2.0 | 1.7 | 1.1 | 0.8 | 1.1 | 2.1 | 4.1 |
| 93/100 | | | | | | | | |
| 94 | | | | | | | | |
| 95 | 22.1 | 18.0 | 17.6 | 12.6 | 8.6 | 10.6 | 23.0 | 41.1 |
| 96 | | | | | | | | |
| 98/102 | | | | | | | | 1.3 |
| 103 | | | | | | | | 0.6 |
| 104 | | | | | | | | |
| 105 | | | | | | | | 0.6 |
| 106 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 107/123 | | | | | | | | |
| 108/124 | | | | | | | | |
| 110/115 | 6.8 | 5.3 | 3.7 | 2.8 | 3.0 | 3.0 | 4.8 | 10.2 |
| 111 | | | | | | | | |
| 112 | | | | | | | | |
| 114 | | | | | | | | |
| 118 | 2.4 | 1.6 | 1.1 | 1.0 | 1.1 | 0.9 | 1.1 | 2.4 |
| 120 | | | | | | | | |
| 121 | | | | | | | | |
| 122 | | | | | | | | |
| 126 | | | | | | 0.4 | 0.4 | |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | | | | | 1.0 | | 0.8 | 1.7 |
| 130 | | | | | | | | |
| 131 | | | | | | | | |
| 132 | | | | | | | | 1.6 |
| 133 | | | | | | | | |
| 134/143 | | | | | | | | |
| 135/151 | | | | | | | 1.4 | 3.4 |
| 136 | 1.9 | 1.4 | | | | 0.8 | 1.5 | 3.6 |
| 137/164 | | | | | | | | |
| 139/140 | | | | | | | | |
| 141 | | | | | | | | |
| 142 | 4.4 | 3.5 | | 2.4 | | | | |
| 144 | | | | | | | | |
| 145 | | | | | | | | |
| 146 | | | | | | | | |
| 147/149 | | | | | 1.7 | 1.5 | 2.3 | 6.0 |
| 148 | | | | | | | | |
| 150 | | | | | | | | |
| 152 | | | | | | | | |
| 153/168 | | | | | 1.2 | 0.5 | 0.9 | 1.9 |
| 154 | | | | | | | | |
| 155 | | | | | | | | |
| 156/157 | | | | | | | | |
| 158 | | | | | | | | |
| 159 | | | | | | | | |
| 160 | | | | | | | | |
| 161 | | | | | | | | |
| 162 | | | | | | | | |
| 165 | | | | | | | | |
| 167 | | | | | | | | |
| 169 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Heptachlorobiphenyls | | | | | | | | |
| 170 | | | | | | | | |
| 171/173 | | | | | | | | |
| 172 | | | | | | | | |
| 174 | | | | | | | | |
| 175 | | | | | | | | |
| 176 | | | | | | | | |
| 177 | | | | | | | | |
| 178 | | | | | | | | |
| 179 | | | | | | | | 0.8 |
| 180/193 | | | | | | | | |
| 181 | | | | | | | | |
| 182 | | | | | | | | |
| 183/185 | | | | | | | | |
| 184 | | | | | | | | |
| 186 | | | | | | | | |
| 187 | | | | | | | | |
| 188 | | | | | | | | |
| 189 | | | | | | | | |
| 190 | | | | | | | | |
| 191 | | | | | | | | |
| 192 | | | | | | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | | | | | | | | |
| 195 | | | | | | | | |
| 196 | | | | | | | | |
| 197 | | | | | | | | |
| 198/199 | | | | | | | | |
| 200 | | | | | | | | |
| 201 | | | | | | | | |
| 202 | | | | | | | | |
| 203 | | | | | | | | |
| 205 | | | | | | | | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | | | | | | | | |
| 207 | | | | | | | | |
| 208 | | | | | | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | | | | | | | | |
| Recoveries | | | | | | | | |
| 14 | 95% | 94% | 79% | 89% | 83% | 75% | 85% | 84% |
| d-65/65 | 97% | 95% | 81% | 88% | 88% | 80% | 88% | 85% |
| 166 | 94% | 86% | 80% | 85% | 88% | 83% | 94% | 83% |

| Batch I.D. | 0121-02 | 0121-04 | 0121-06 | 0121-08 |
|---|---|---|---|---|
| Sample I.D. | 6205614P12122009 | 6205814P12122009 | 6206214P12122009 | 6206414P12122009 |
| Deployment | 9/28/2009 | 9/21/2009 | 9/28/2009 | 9/12/2009 |
| Collection | 12/12/2009 | 12/12/2009 | 12/12/2009 | 12/12/2009 |
| Monochlorobiphenyls | | | | |
| 1 | 3.5 | 5.7 | 6.4 | 12.8 |
| 2 | 0.8 | 0.6 | 1.4 | 3.4 |
| 3 | 51.8 | 57.1 | 64.2 | 168.6 |
| Dichlorobiphenyls | | | | |
| 4 | 113.9 | 103.4 | 105.3 | 327.8 |
| 5 | | | | |
| 6 | 14.8 | 15.3 | 15.4 | 41.3 |
| 7 | 2.4 | 3.0 | 2.9 | 6.3 |
| 8 | 62.2 | 65.9 | 68.6 | 168.8 |
| 9 | 2.4 | 3.0 | 3.4 | 7.8 |
| 10 | 3.4 | 2.2 | 3.0 | 11.5 |
| 11 | 17.2 | 22.2 | 18.0 | 71.9 |
| 12/13 | 1.0 | 1.5 | 1.7 | 3.3 |
| 15 | 5.6 | 8.6 | 8.9 | 18.0 |
| Trichlorobiphenyls | | | | |
| 16 | 22.6 | 26.7 | 28.4 | 67.9 |
| 17 | 31.1 | 34.9 | 38.9 | 87.0 |
| 18/30 | 74.6 | 78.8 | 83.3 | 203.2 |
| 19 | 14.8 | 14.4 | 15.3 | 42.8 |
| 20/28 | 16.0 | 24.1 | 27.5 | 51.4 |
| 21/33 | 9.4 | 14.4 | 16.7 | 31.1 |
| 22 | 4.1 | 7.0 | 8.2 | 15.0 |
| 23 | | | | |
| 24 | | | | |
| 25 | 1.3 | 1.8 | 2.2 | 4.7 |
| 26/29 | 4.0 | 5.4 | 6.3 | 12.8 |
| 27 | 3.9 | 4.0 | 4.5 | 10.1 |
| 31 | 16.1 | 24.0 | 27.2 | 53.3 |
| 32 | 12.0 | 14.1 | 15.6 | 34.5 |
| 34 | | | | |
| 35 | | | | |
| 36 | | | | |
| 37 | 1.0 | 1.6 | 1.9 | 4.6 |
| 28 | | | | |
| 39 | | | | |
| Tetrachlorobiphenyls | | | | |
| 40/41/71 | 3.0 | 4.9 | 6.6 | 13.4 |
| 42 | 1.5 | 2.6 | 3.1 | |
| 43/73 | 28.2 | 28.9 | 44.1 | 133.0 |

| | | | | |
|---|---|---|---|---|
| 44/47/65 | | | | |
| 45 | 4.0 | 5.7 | 7.1 | 13.5 |
| 46 | | 1.6 | | |
| 48 | 1.7 | 2.9 | 4.0 | 7.1 |
| 49/69 | 7.0 | 8.9 | 12.3 | 31.1 |
| 50/53 | 4.0 | 4.7 | 6.2 | 13.8 |
| 52 | 11.7 | 15.3 | 20.9 | 53.0 |
| 54 | | | | |
| 55 | | | | |
| 56 | 0.8 | 1.2 | 1.5 | |
| 57 | | | | |
| 58 | | | | |
| 59/62/75 | | 0.9 | 1.2 | |
| 60 | | | | |
| 61/70/74/76 | 6.5 | 7.7 | 11.5 | 25.7 |
| 63 | | | | |
| 64 | 2.9 | 4.1 | 6.0 | 14.0 |
| 66 | 1.7 | 1.2 | 4.1 | 7.8 |
| 67 | | | | |
| 68 | | | | |
| 72 | | | | |
| 77 | | | | |
| 78 | | | | |
| 79 | | | | |
| 80 | | | | |
| 81 | | | | |
| Pentachlorobiphenyls | | | | |
| 82 | | | | |
| 83/99 | 2.6 | 3.0 | 4.3 | 11.0 |
| 84 | 2.7 | 2.6 | 4.0 | 9.4 |
| 85/116/117 | | 1.0 | | |
| 86/87/97/10 | 3.3 | 1.8 | 2.5 | 12.7 |
| 88/91 | 1.5 | 1.3 | 1.9 | |
| 89 | | | | |
| 90/101/113 | 6.1 | 5.3 | 8.2 | 23.7 |
| 92 | 1.3 | 1.2 | 1.6 | 5.2 |
| 93/100 | | | | |
| 94 | | | | |
| 95 | 11.6 | 10.7 | 17.4 | 58.9 |
| 96 | | | | |
| 98/102 | | | | |
| 103 | | | | |
| 104 | | | | |
| 105 | 0.5 | | | |
| 106 | | | | |

| | | | | |
|---|---|---|---|---|
| 107/123 | | | | |
| 108/124 | | | | |
| 110/115 | 3.7 | 3.6 | 4.4 | 13.4 |
| 111 | | | | |
| 112 | | | | |
| 114 | | | | |
| 118 | 1.6 | 1.3 | 1.2 | 3.8 |
| 120 | | | | |
| 121 | | | | |
| 122 | | | | |
| 126 | | | | |
| 127 | | | | |
| Hexachlorobiphenyls | | | | |
| 129/138/163 | 1.4 | 0.9 | | |
| 130 | | | | |
| 131 | | | | |
| 132 | | | | |
| 133 | | | | |
| 134/143 | | | | |
| 135/151 | 1.2 | | 1.7 | |
| 136 | 0.9 | 0.8 | 1.4 | 5.3 |
| 137/164 | | | | |
| 139/140 | | | | |
| 141 | | | | |
| 142 | | | | |
| 144 | | | | |
| 145 | | | | |
| 146 | | | | |
| 147/149 | 2.1 | 1.7 | 2.6 | 8.4 |
| 148 | | | | |
| 150 | | | | |
| 152 | | | | |
| 153/168 | 1.7 | 1.6 | 1.7 | |
| 154 | | | | |
| 155 | | | | |
| 156/157 | | | | |
| 158 | | | | |
| 159 | | | | |
| 160 | | | | |
| 161 | | | | |
| 162 | | | | |
| 165 | | | | |
| 167 | | | | |
| 169 | | | | |

| | | | | |
|---|---|---|---|---|
| Heptachlorobiphenyls | | | | |
| 170 | | | | |
| 171/173 | | | | |
| 172 | | | | |
| 174 | | | | |
| 175 | | | | |
| 176 | | | | |
| 177 | | | | |
| 178 | | | | |
| 179 | | | | |
| 180/193 | | | | |
| 181 | | | | |
| 182 | | | | |
| 183/185 | | | | |
| 184 | | | | |
| 186 | | | | |
| 187 | | | | |
| 188 | | | | |
| 189 | | | | |
| 190 | | | | |
| 191 | | | | |
| 192 | | | | |
| Octachlorobiphenyls | | | | |
| 194 | | | | |
| 195 | | | | |
| 196 | | | | |
| 197 | | | | |
| 198/199 | | | | |
| 200 | | | | |
| 201 | | | | |
| 202 | | | | |
| 203 | | | | |
| 205 | | | | |
| Nonachlorobiphenyls | | | | |
| 206 | | | | |
| 207 | | | | |
| 208 | | | | |
| Decachlorobiphenyls | | | | |
| 209 | | | | |
| Recoveries | | | | |
| 14 | 83% | 85% | 86% | 16% |
| d-65/65 | 85% | 85% | 80% | 15% |
| 166 | 92% | 91% | 91% | 15% |

Table B-4: East Chicago outdoor air raw data showing necessary metadata and congener masses (ng)

| Batch I.D. | 0073-02 | 0073-04 | 0073-07 | 0073-12 | 0074-02 | 0074-04 | 0074-08 | 0074-11 |
|---|---|---|---|---|---|---|---|---|
| Sample I.D. | 6101011P | 6103413P | 6101811P | 6102613P | 6104213P | 6103813P | 6103513P | 6103012P |
| Deployment Date | 4/23/2008 | 5/19/2008 | 5/3/2008 | 5/10/2008 | 5/24/2008 | 5/24/2008 | 5/19/2008 | 5/19/2008 |
| Collection Date | 7/21/2008 | 8/21/2008 | 8/11/2008 | 8/29/2008 | 8/25/2008 | 8/25/2008 | 8/30/2008 | 9/22/2008 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 0.2 | 0.3 | 0.1 | 0.3 | 0.8 | 0.3 | 0.4 | 0.6 |
| 2 | 0.1 | | | 0.2 | 0.2 | 0.2 | 0.1 | |
| 3 | 0.8 | 0.1 | 1 | 0.5 | 2.4 | 6.9 | 1.2 | 0.1 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 1.8 | 1.4 | 0.3 | 3.7 | 2.8 | 4.5 | 5.2 | 1.7 |
| 5 | | 3.3 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 |
| 6 | 0.3 | 0.8 | 0.1 | 2 | 0.2 | 1.9 | 2.9 | 0.9 |
| 7 | | | | 0.1 | | 0.1 | | |
| 8 | 3.8 | 3 | 3.2 | 8.4 | 5.1 | 7.5 | 11.6 | 3.1 |
| 9 | 0.3 | | | 0.1 | | 0.3 | | 0.1 |
| 10 | | | | 0.1 | | 0.1 | 0.2 | |
| 11 | 5 | 3.9 | 5.8 | 14.1 | 9.6 | 15.9 | 22.3 | 5.5 |
| 12/13 | 0.1 | | 0.3 | 0.3 | 0.2 | 0.3 | 0.1 | 0.1 |
| 15 | 1.2 | 1 | 0.1 | 2.6 | 2.4 | 3.5 | 3.5 | 1.3 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 2 | 2 | 2.6 | 4.1 | 2.8 | 5.4 | 7.6 | 2.3 |
| 17 | 1.9 | 2 | 2.1 | 3.6 | 2.3 | 4.6 | 6.1 | 2.2 |
| 18/30 | | | | | | | | |
| 19 | 0.1 | | 0.1 | 0.2 | 0.1 | 1.4 | 1.6 | 0.7 |
| 20/28 | 3.9 | 4.2 | 4.6 | 6.5 | 6.2 | 10.2 | 10.7 | 5 |
| 21/33 | 2.2 | 2.6 | 2.8 | 4.5 | 3.5 | 5.7 | 6 | 2.8 |
| 22 | 1.5 | 1.7 | 1.9 | 2.7 | 2.3 | 4.2 | 3.5 | 1.7 |
| 23 | | | | | | | | 0.1 |
| 24 | | 1 | 1.3 | 2 | 0.1 | 0.3 | 4 | 1.2 |
| 25 | 0.3 | 0.6 | 0.3 | 0.1 | 0.5 | 0.7 | 1.1 | 0.7 |
| 26/29 | 1.2 | 1.1 | 1.6 | | | 2.1 | 2.3 | 1.6 |
| 27 | | 0.3 | 0.2 | 0.4 | | | | |
| 31 | 3.5 | 3.5 | 4.5 | 5.7 | 5.1 | 8.7 | 10.2 | 4.8 |
| 32 | 1.2 | 1.2 | 1.4 | 2.2 | 1.6 | 2.7 | 3.7 | 1.1 |
| 34 | | | | | | | | |
| 35 | | | | 0.1 | | 0.6 | 0.1 | |
| 36 | | | | | | | | |
| 37 | | 0.5 | 1 | 1 | 0.7 | 1.8 | 0.8 | 1 |
| 28 | | | | | 0.1 | | | |
| 39 | | | | | | | | |
| Tetrachlorobiphenyls | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 40/41/71 | 1.4 | 1.5 | 2.1 | 1.2 | 3.8 | | | |
| 42 | 1.1 | 1.2 | 0.2 | 0.4 | 0.7 | 4.9 | 2.4 | 2.6 |
| 43/73 | | 0.5 | 0.3 | 0.2 | | 0.4 | | 0.2 |
| 44/47/65 | | | | | | | | |
| 45 | | 0.2 | 0.4 | 0.6 | 0.7 | 0.4 | | 0.3 |
| 46 | 0.1 | | 0.2 | 0.1 | | 1.5 | 0.2 | 0.5 |
| 48 | 0.9 | 0.5 | 1.1 | 1.5 | 0.9 | | | 0.2 |
| 49/69 | 2.6 | 2.2 | 3.7 | 3.9 | | 1.6 | 1.6 | 1.3 |
| 50/53 | 0.3 | 0.5 | 1.4 | 1.2 | 0.9 | | | |
| 52 | 10 | 7.2 | 16.1 | 16 | 10.7 | 1.7 | 1.1 | 0.2 |
| 54 | | | 0.1 | 0.2 | 0.1 | 16.6 | 22.2 | 19.4 |
| 55 | | | | | | | | 0.1 |
| 56 | 0.4 | 0.6 | | 0.2 | | 0.1 | 0.1 | 0.2 |
| 57 | | | 3.2 | | | 1.2 | | 1.7 |
| 58 | | | | | | 4 | | |
| 59/62/75 | 2.3 | 1.2 | 2.4 | 4.3 | 3.2 | 9.9 | 9.8 | 27.2 |
| 60 | 0.3 | 0.1 | | 0.2 | 0.1 | 2.3 | | 1.1 |
| 61/70/74/76 | | | | | | 0.4 | 0.2 | 0.7 |
| 63 | | 0.1 | | | 0.1 | | 1.7 | |
| 64 | 1.5 | 1.3 | 2.1 | 2 | 0.1 | | | 0.2 |
| 66 | 1.4 | 1.3 | 2.2 | | 2.1 | 3.4 | 1.6 | 3.1 |
| 67 | | 0.1 | 0.2 | | | 3.3 | 1.7 | 3.6 |
| 68 | 0.1 | 0.1 | | 0.1 | | | | 0.1 |
| 72 | | | | | | | 0.1 | |
| 77 | | | 0.1 | | | 0.2 | 18.1 | 15.9 |
| 78 | | | | | | | | |
| 79 | | | | | | | | |
| 80 | | | | 0.1 | | | 0.1 | |
| 81 | | | | | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | | 0.3 | 0.4 | | 0.1 | | | |
| 83/99 | 3.6 | 0.9 | 3.1 | 5.7 | 1.9 | 0.5 | 0.6 | 1.5 |
| 84 | 1.3 | 1 | 0.5 | 3.3 | 1.6 | 0.3 | 0.2 | 0.6 |
| 85/116/117 | 0.4 | | 0.1 | | 0.3 | 2.3 | 3.5 | 5.3 |
| 86/87/97/109/119/ | | 0.5 | 1.6 | 1.9 | 2 | 0.8 | 0.1 | 17.8 |
| 88/91 | 0.6 | 0.2 | 1.5 | 1 | 1 | 7.7 | 8.2 | 26.6 |
| 89 | | | | | 0.1 | 0.8 | 0.2 | 1.5 |
| 90/101/113 | 4.4 | 3 | 6.1 | 7.6 | 4.4 | 0.1 | | 0.2 |
| 92 | 0.7 | 0.2 | 1 | 1.3 | 0.3 | 1.4 | 0.9 | 2 |
| 93/100 | 0.1 | | | 0.2 | | 1.4 | 0.2 | 3.9 |
| 94 | | | | | | | | |
| 95 | 5 | 3.7 | 9 | 10.9 | 5.7 | | | |
| 96 | | 0.1 | 0.1 | | 0.2 | 8.4 | 9.3 | 18.4 |
| 98/102 | | | | | 0.2 | | | |
| 103 | | 0.1 | | 0.2 | | 1.9 | 2.5 | 6.5 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 104 | 0.1 | | 0.1 | | 0.1 | | | 0.1 |
| 105 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | | 0.1 | |
| 106 | 2 | 0.5 | | 2.9 | | 0.1 | 0.1 | 3 |
| 107/123 | 1.1 | | | 0.1 | | | | |
| 108/124 | 0.9 | | | | | | | |
| 110/115 | | | | | 7.6 | 0.6 | 0.3 | 0.8 |
| 111 | | | | | | 9.8 | 8 | 39.3 |
| 112 | 0.5 | 0.5 | 0.5 | 2.3 | 1.5 | | | |
| 114 | | | | | | 2 | 2.6 | |
| 118 | 1.7 | 1.3 | 2.6 | 2.4 | 1.7 | 0.5 | | 0.7 |
| 120 | | 0.1 | | | | 2.2 | 1.6 | 11.6 |
| 121 | | | 0.1 | | | | | |
| 122 | | | | | 0.1 | | 0.1 | |
| 126 | 3.2 | | 6.7 | | | 0.6 | 0.3 | |
| 127 | | | | | | 0.1 | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 0.3 | 0.5 | 1.4 | 0.1 | 0.2 | | | |
| 130 | | | | | | 2.1 | | 7.7 |
| 131 | | 0.1 | | | | | | |
| 132 | 0.6 | 0.1 | 1.4 | 1 | 0.8 | | 0.2 | 0.1 |
| 133 | | | | | 0.1 | 0.8 | | 3.6 |
| 134/143 | | 0.3 | | 0.2 | | | | 0.1 |
| 135/151 | 0.1 | 1.4 | 0.7 | 0.4 | 0.4 | | | 1.2 |
| 136 | 0.3 | 0.1 | 0.1 | 0.6 | 0.4 | | 1.1 | 1.6 |
| 137/164 | | 0.2 | 0.1 | | | 0.6 | 0.6 | 1.7 |
| 139/140 | | 0.1 | | 0.2 | | | | 0.1 |
| 141 | 0.1 | 0.3 | | | | | | |
| 142 | | | | | | 0.3 | | 1.3 |
| 144 | | 0.2 | 0.1 | 0.1 | | | | |
| 145 | | | | | | | | 0.7 |
| 146 | | 0.3 | | | 0.1 | | 0.1 | |
| 147/149 | 2 | 2 | 3 | 2.3 | 1.7 | 0.1 | | 0.1 |
| 148 | 0.1 | | | | 0.1 | 2.6 | 1.7 | 8 |
| 150 | | 0.1 | | | | 0.1 | | |
| 152 | | 0.1 | | | | | | |
| 153/168 | | | | | 0.6 | | | |
| 154 | 0.1 | | | | | 1.8 | 0.5 | 6.1 |
| 155 | | | | | | | | |
| 156/157 | 1.6 | 0.6 | 0.3 | 0.5 | 2.1 | | | 0.1 |
| 158 | | | 0.1 | | | 0.2 | 0.6 | 2 |
| 159 | | | | | | | | 0.1 |
| 160 | 0.2 | | | 0.1 | | | | |
| 161 | | | | | | | | |
| 162 | | | | | | | | |
| 165 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 167 | | | | | | | | |
| 169 | 0.5 | | | | 0.5 | | | |
| Heptachlorobiphenyls | | | | | | | | |
| 170 | 0.1 | | | | | | | |
| 171/173 | 0.1 | | | | | | 0.1 | 0.1 |
| 172 | | | | | | | | |
| 174 | | | | | | | | |
| 175 | | | | | 0.1 | | | 0.2 |
| 176 | | | | | | | | |
| 177 | 0.1 | 0.1 | | | 0.1 | | | 0.1 |
| 178 | | | | | | 0.1 | | |
| 179 | 0.3 | 0.3 | 0.1 | | 0.1 | | | |
| 180/193 | 0.2 | 0.5 | 0.6 | | 0.4 | | | 0.1 |
| 181 | | | | | | 1 | | 3.6 |
| 182 | | | | | | | | |
| 183/185 | | | 0.2 | | 0.1 | | | |
| 184 | | | | | | 0.1 | | 0.3 |
| 186 | | | | | | 0.1 | | 0.1 |
| 187 | 0.4 | 0.4 | 0.2 | 0.2 | | | | |
| 188 | | | | | | 0.2 | 0.2 | 1.3 |
| 189 | | | | | | | | 0.1 |
| 190 | | 0.1 | | | | | | |
| 191 | | | | | | | | |
| 192 | | | | | | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | | | 0.2 | | 0.1 | | | |
| 195 | | | | | | | | 0.2 |
| 196 | | | | | | | | |
| 197 | | | | | | | | |
| 198/199 | 0.1 | | 0.1 | | | | | |
| 200 | | | | | 0.1 | | 0.2 | 0.2 |
| 201 | | | | | | | | |
| 202 | 0.1 | | 0.1 | | | | 0.1 | |
| 203 | | 0.1 | | | 0.1 | | | 0.1 |
| 205 | | | | | | | | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | | | | | | | 0.1 | |
| 207 | 0.1 | | | | | | | |
| 208 | | | | | | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | | | | | | 0.1 | | |
| Recoveries | | | | | | | | |
| 14 | 39% | 33% | 38% | 55% | 56% | 58% | 70% | 43% |
| d-65/65 | 59% | 52% | 59% | 74% | 78% | 86% | 96% | 64% |
| 166 | 64% | 51% | 61% | 82% | 78% | 78% | 95% | 56% |

| Batch I.D. | 0075-02 | 0075-04 | 0075-06 | 0075-08 | 0075-11 | 0076-02 | 0076-04 | 0076-06 |
|---|---|---|---|---|---|---|---|---|
| Sample I.D. | 6102313P | 6100211P | 6102211P | 6103213P | 6100811P | 6100411P | 6101411P | 6102813P |
| Deployment Date | 5/6/2008 | 4/18/2008 | 5/6/2008 | 5/19/2008 | 4/22/2008 | 4/22/2008 | 4/28/2008 | 5/19/2008 |
| Collection Date | 9/2/2008 | 7/16/2008 | 8/11/2008 | 8/21/2008 | 7/25/2008 | 7/8/2008 | 7/21/2008 | 8/29/2008 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 1.4 | 3.9 | 2.3 | 2.2 | 1.9 | 1.4 | 1.8 | 2.1 |
| 2 | 0.2 | 0.7 | 0.4 | 0.6 | 0.5 | 0.3 | 0.5 | 0.6 |
| 3 | 1.1 | 5.1 | 2.2 | 1.8 | 3.7 | 1.3 | 3.5 | 2.9 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 2 | 6.1 | 2 | 4.7 | 6.2 | 4.1 | 4 | 5.4 |
| 5 | | 0.4 | 0.2 | 0.1 | | | | 0.2 |
| 6 | 0.8 | 2.8 | 1.1 | 1.7 | 2.4 | 1.5 | 1.8 | 1.9 |
| 7 | 0.2 | 0.6 | 0.3 | 0.6 | 0.6 | 0.3 | 0.4 | 0.3 |
| 8 | 3.4 | 10.9 | 3.6 | 6.2 | 8.1 | 5.2 | 7.2 | 9 |
| 9 | 0.3 | 0.8 | 0.4 | 0.6 | 0.9 | 0.5 | 0.5 | 0.7 |
| 10 | | 0.3 | 0.2 | 0.2 | 0.3 | | | |
| 11 | 5.3 | 9.7 | 6 | 8.2 | 10.1 | 8 | 9.6 | 8.3 |
| 12/13 | | 0.6 | 0.3 | 0.4 | 0.1 | | | 0.4 |
| 15 | 1.4 | 4.7 | 1.1 | 2 | 2.6 | 1.3 | 2.6 | 3.2 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 2.9 | 9.4 | 2.2 | 3.4 | 3.9 | 2.4 | 3.5 | 5.4 |
| 17 | 2.2 | 7.2 | 1.8 | 3.1 | 4 | 2.2 | 3.3 | 4.5 |
| 18/30 | | | | | | | | |
| 19 | 0.8 | 2.1 | 0.5 | 0.9 | 1 | 0.9 | 1.2 | 1.2 |
| 20/28 | 5.9 | 17.1 | 3.9 | 6.5 | 7.8 | 5.2 | 7.5 | 9.4 |
| 21/33 | 3.8 | 10.9 | 2.5 | 4.4 | 5.1 | 2.3 | 3.3 | 5 |
| 22 | 2.2 | 5.9 | 1.4 | 2 | 2.4 | 1.8 | 2.2 | 2.9 |
| 23 | | 0.1 | | | | | | |
| 24 | | | | | | | | |
| 25 | 0.7 | 1.6 | | | | 0.3 | 0.4 | 0.5 |
| 26/29 | 1.4 | 3.6 | 1.3 | 2.2 | 2 | 0.8 | 1 | 1.5 |
| 27 | 0.4 | 1.4 | 0.3 | 0.4 | 0.5 | 0.4 | 0.4 | 1 |
| 31 | 5 | 14.2 | 3.4 | 5.5 | 8.6 | 4.2 | 5.3 | 6.8 |
| 32 | 1.5 | 5 | 0.9 | 1.7 | 2.1 | 1.4 | 1.8 | 2.5 |
| 34 | | | | | 0.2 | | | |
| 35 | | | | | | | | |
| 36 | | | | | | | | |
| 37 | 1 | 3.3 | 0.7 | 0.8 | 1.8 | | 0.8 | 1.5 |
| 28 | | | | | | | | |
| 39 | | | | | 0.1 | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 2.6 | 9 | 1.8 | 2.2 | 2.8 | 1.8 | 2.6 | 4.4 |
| 42 | 0.8 | 1.4 | 0.7 | | | | | |
| 43/73 | 0.3 | | | | | | | |
| 44/47/65 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 45 | | 5 | 0.9 | 0.9 | | 0.9 | 1.3 | |
| 46 | | 1.5 | | 0.4 | 0.5 | | | |
| 48 | | 3.1 | | 1.2 | 1 | 1.2 | 1.2 | |
| 49/69 | 3.7 | 8.7 | 2.9 | 3.5 | 6.1 | 4 | 5.4 | 4.6 |
| 50/53 | 1 | 3.3 | 0.9 | 1.4 | 1.5 | 1.1 | 1.2 | 1.4 |
| 52 | 10.1 | 21.8 | 10.4 | 13.5 | 23.1 | 18.2 | 27.6 | 21.8 |
| 54 | | | | | | | | |
| 55 | | | | | | | | |
| 56 | 1.4 | 3.2 | 0.6 | 0.9 | 1.4 | 0.9 | 1.1 | 1.4 |
| 57 | | | | | | | | |
| 58 | | | | | | | 0.2 | |
| 59/62/75 | 2.6 | 4.8 | 2.8 | 2.5 | 4.4 | 0.9 | 1.1 | 2.3 |
| 60 | 0.7 | 2.2 | 0.3 | | | | 0.8 | 0.5 |
| 61/70/74/76 | 6.6 | 12.4 | 4 | 6.1 | 6.9 | 5.7 | 8.1 | 8.4 |
| 63 | 0.1 | 0.2 | | | | | | |
| 64 | 1.9 | 5.6 | 1.4 | 2.1 | 3 | 2 | 2.5 | 3.3 |
| 66 | 2.7 | 6.4 | 1.4 | 2 | 2.5 | 2 | 2.8 | 4.3 |
| 67 | 0.2 | 0.2 | | | | | | |
| 68 | 0.4 | 1.6 | 1.1 | 2 | 1.8 | 2.2 | 5.5 | 3.6 |
| 72 | | | 0.1 | 0.1 | 0.1 | | | |
| 77 | | | | | | | | |
| 78 | | | | | | | | 0.3 |
| 79 | | | | | | 0.1 | | |
| 80 | | | | 0.1 | | | | |
| 81 | | | | | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | | 2.1 | 0.9 | 2.6 | 2.5 | 12.4 | 17.6 | 18.7 |
| 83/99 | 8.6 | 8.5 | 5.9 | 6.3 | 6.8 | 0.8 | | |
| 84 | 1.7 | 2.6 | 1.9 | 1.6 | 2.8 | 2.1 | 3.7 | 2.6 |
| 85/116/117 | | 1.7 | 1 | 1.2 | | 0.9 | 0.8 | 2.9 |
| 86/87/97/109/119/ | 3.5 | 4 | 1.7 | 2.7 | 3.9 | 4.8 | 6.1 | 4.1 |
| 88/91 | 0.9 | 1.5 | 0.9 | 0.9 | 1.5 | | | |
| 89 | | 0.1 | | | | | | |
| 90/101/113 | 6.1 | 6 | 3.2 | 4.9 | 6.3 | 6.2 | 8.8 | 7.6 |
| 92 | 1.3 | 1.2 | 0.6 | 0.9 | 1 | 0.9 | 1.8 | 1.7 |
| 93/100 | | | 0.1 | | | | | |
| 94 | 0.2 | | | | 0.1 | 0.2 | | |
| 95 | 6.1 | 8.3 | 4.6 | 6.9 | 9.8 | 7.8 | 13.2 | 8.6 |
| 96 | | 0.1 | | | | 0.1 | 0.2 | |
| 98/102 | | 0.5 | | | 0.2 | | | |
| 103 | | | | | | 0.1 | | |
| 104 | | | | | | | | |
| 105 | 1.1 | 1.1 | 0.4 | 0.5 | 0.7 | 0.6 | 1.2 | 1 |
| 106 | | | | | | 0.1 | | |
| 107/123 | 0.3 | | | 0.1 | 0.6 | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 108/124 | 0.3 | | | | 0.6 | | 0.1 | 0.5 |
| 110/115 | 7.9 | 7.7 | 3.4 | 6.9 | 7.4 | 7.3 | 11.2 | 8.5 |
| 111 | | | | | | | | |
| 112 | 2.3 | 2.3 | 1.3 | 2 | 2 | 2.4 | 3.2 | 2.8 |
| 114 | | | | | | | | |
| 118 | 3.4 | 2.9 | 1.5 | 2.1 | 1.9 | 2 | 3.8 | 3.4 |
| 120 | | | | | | | | |
| 121 | | | | 0.1 | | | | |
| 122 | | | | | | | | |
| 126 | | | | | | | | 0.2 |
| 127 | | 0.1 | 0.1 | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 3.4 | 3.1 | 1.3 | 1.9 | 1.7 | 1.9 | 2.6 | 1.9 |
| 130 | | | | | | | | |
| 131 | 0.4 | 0.5 | | | 0.3 | | | |
| 132 | 1.1 | 1.4 | 0.4 | 0.7 | 0.8 | 1 | 1.5 | 1.2 |
| 133 | | | | | | 0.2 | 0.7 | 0.8 |
| 134/143 | | | | | 0.2 | | | |
| 135/151 | 2 | 1.2 | 0.8 | 0.9 | 1.3 | 1.7 | 1.3 | |
| 136 | 0.9 | 0.7 | 0.6 | 0.6 | 0.8 | 0.7 | 1 | 0.7 |
| 137/164 | 0.1 | 0.2 | | | 0.2 | | 0.1 | 0.2 |
| 139/140 | | | | | | | | |
| 141 | 0.8 | 0.9 | 0.4 | 0.5 | | 0.2 | 0.6 | |
| 142 | | | | | 0.1 | | | |
| 144 | | 0.1 | | | | | 0.4 | |
| 145 | | | | | | | | |
| 146 | 0.3 | 0.4 | | | | 0.4 | 0.4 | |
| 147/149 | 2.1 | 1.2 | 0.9 | 1 | 1.2 | 1.7 | 1.3 | |
| 148 | | | | | | | | |
| 150 | | | | | | | 0.1 | 0.2 |
| 152 | | | | | | | 0.1 | |
| 153/168 | 3.7 | 2.5 | 1.1 | 1.6 | 1.4 | 2 | 2.2 | 2.4 |
| 154 | 0.1 | | | | 0.1 | | | |
| 155 | | | | | | | | |
| 156/157 | 0.3 | | | | | 0.1 | 0.2 | |
| 158 | | 0.4 | | | | | 0.3 | |
| 159 | | | | | | | | |
| 160 | | | | | | 0.1 | | |
| 161 | 0.4 | 0.4 | | | | 0.1 | 0.3 | |
| 162 | | | | | | | | |
| 165 | | | | | | | | |
| 167 | | 0.1 | | | | | | |
| 169 | | | | | | | | |
| Heptachlorobiphenyls | | | | | | | | |
| 170 | 0.4 | | | 0.4 | | 0.1 | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 171/173 | | | | | | | | |
| 172 | | 0.1 | | | | | | |
| 174 | 1.9 | 1 | 0.1 | 0.3 | | 0.2 | 0.3 | |
| 175 | | | | | | | | |
| 176 | 0.3 | | | | | | 0.1 | |
| 177 | 0.3 | 0.4 | | | | | | |
| 178 | | 0.1 | | | | | | |
| 179 | 0.8 | 0.4 | 0.1 | 0.4 | 0.3 | 0.3 | 0.3 | 0.7 |
| 180/193 | 1.8 | 1.2 | 0.4 | 0.4 | 1 | 0.8 | 0.5 | 0.5 |
| 181 | | | | | | | | |
| 182 | | | | | | | | |
| 183/185 | 0.8 | 0.3 | 0.2 | | | 0.2 | 0.2 | |
| 184 | | | | | | | | |
| 186 | | | 0.1 | | 0.2 | 0.2 | | |
| 187 | 2.7 | 1 | 0.7 | 0.9 | 0.8 | 1 | | 1.2 |
| 188 | | | | | | | | |
| 189 | | | | | | | | |
| 190 | | | | | | 0.1 | | |
| 191 | | | | | | | | |
| 192 | | | | | 0.1 | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | 0.5 | | | | | 0.1 | | |
| 195 | | | | | | | | |
| 196 | 0.4 | | | | | | | |
| 197 | | | | | | | | |
| 198/199 | 1.4 | 0.5 | 0.5 | 0.3 | | 0.5 | | 0.8 |
| 200 | | 0.1 | | | | 0.1 | | |
| 201 | | | | | | | | |
| 202 | 0.8 | 0.3 | | 0.4 | | | | |
| 203 | 1.1 | | 0.3 | | | 0.3 | 0.2 | 0.3 |
| 205 | | | | | | | | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | | | | | | | | |
| 207 | | | | 0.2 | 0.3 | | | |
| 208 | | | | | | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | | | | | | | | |
| Recoveries | | | | | | | | |
| 14 | 50% | 48% | 36% | 69% | 64% | 49% | 59% | 63% |
| d-65/65 | 74% | 88% | 54% | 89% | 98% | 76% | 97% | 98% |
| 166 | 67% | 64% | 44% | 81% | 77% | 76% | 85% | 93% |

| Batch I.D. | 0093-02 | 0093-04 | 0093-05 | 0093-07 | 0093-09 | 0093-12 | 0094-02 | 0094-05 |
|---|---|---|---|---|---|---|---|---|
| Sample I.D. | 61019P-out | 61023P-out | 61015P-out | 61029P-out | 61021P-out | 61017P-out | 61045P-out | 61031P-out |
| Deployment Date | 8/29/2008 | 9/2/2008 | 8/30/2008 | 9/2/2008 | 8/11/2008 | 8/11/2008 | 9/18/2008 | 8/21/2008 |
| Collection Date | 11/25/200 | 11/29/2008 | 11/29/200 | 11/29/200 | 11/25/2008 | 11/29/200 | 11/29/200 | 11/25/200 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 0.95 | 3.11 | 0.8 | 0.63 | 6.82 | 0.24 | 2.2 | 1.8 |
| 2 | 0.37 | 0.8 | 0.69 | 0.6 | 1.53 | 0.42 | 0.6 | 0.3 |
| 3 | 2.13 | 2.88 | 2.39 | 1.25 | 4.53 | 0.77 | 2.9 | 1.9 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 2.72 | 3.56 | 2.8 | 2.1 | 4.03 | 2.35 | 6.5 | 6.4 |
| 5 | 0.11 | 0.23 | 0.04 | 0.08 | 0.31 | 0.08 | | |
| 6 | 1.23 | 1.85 | 1.45 | 1.14 | 2.18 | 0.68 | 1.7 | 2.0 |
| 7 | 0.31 | 0.14 | 0.06 | | 0.36 | 0.01 | 0.3 | |
| 8 | 5.57 | 7.35 | 5.35 | 4.39 | 7.95 | 4.83 | 5.5 | 6.5 |
| 9 | 0.12 | 0.14 | 0.18 | 0.3 | 0.47 | 0.15 | 0.5 | 0.4 |
| 10 | 0.1 | 0.17 | 0.06 | 0.07 | 0.24 | 0.13 | | |
| 11 | 7.92 | 9.51 | 7.23 | 6.22 | 14.32 | 8.02 | 9.5 | 10.7 |
| 12/13 | 0.16 | 0.4 | 0.21 | 0.35 | 0.79 | | 0.5 | 0.5 |
| 15 | 1.51 | 2.1 | 1.5 | 1.6 | 2.19 | 2.02 | 1.4 | 1.8 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 2.73 | 5.09 | 3.16 | 3.29 | 4.48 | 4.57 | 2.2 | 3.1 |
| 17 | 2.73 | 4.49 | 3.04 | 3.02 | 4.03 | 3.87 | 3.3 | 4.8 |
| 18/30 | | | | | | | | |
| 19 | 0.85 | 1.27 | 0.21 | 0.83 | 1.25 | 1.3 | 1.2 | 1.6 |
| 20/28 | 5.03 | 9 | 5.81 | 6.39 | 8.75 | 9.17 | 5.4 | 8.8 |
| 21/33 | 3.26 | 6.07 | 3.77 | 4.07 | 5.63 | 5.38 | 3.0 | 4.8 |
| 22 | 1.72 | 3.29 | 2.22 | 2.3 | 3.16 | 3.25 | 2.2 | 3.4 |
| 23 | 0.05 | 0.13 | | | | | 0.6 | 1.0 |
| 24 | 1.39 | 0.06 | 0.04 | 0.43 | | 2.32 | | |
| 25 | 0.05 | 0.42 | 0.03 | | 0.68 | 0.42 | 0.5 | 2.9 |
| 26/29 | 1.97 | 1.56 | 1.49 | 0.02 | 1.64 | | 3.9 | 3.3 |
| 27 | | 0.47 | 0.46 | 0.54 | 0.72 | 0.73 | 0.6 | 0.7 |
| 31 | 4.6 | 8.25 | 5.34 | 6.2 | 7.99 | 7.69 | 5.1 | 7.9 |
| 32 | 1.78 | 2.85 | 2.08 | 1.98 | 2.63 | 2.94 | 1.8 | 2.7 |
| 34 | 0.05 | | | | 0.4 | | | 0.7 |
| 35 | | | 0.03 | 0.01 | 0.02 | 0.02 | | |
| 36 | | 0.01 | | | | | | |
| 37 | 0.11 | 1.97 | | 1.24 | 1.83 | 0.95 | 1.3 | 2.3 |
| 28 | | | | | | | | |
| 39 | | | | | | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 0.15 | 3.38 | 2.59 | 2.92 | | 1.55 | 1.3 | 2.6 |
| 42 | 0.15 | 0.41 | 0.93 | 0.27 | 0.23 | 0.41 | | 1.6 |
| 43/73 | 8.11 | 8.38 | 11.93 | 14.78 | 8.97 | 9.37 | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 44/47/65 | | | | | | | | |
| 45 | 0.16 | 0.91 | 0.17 | 0.42 | 0.25 | 0.34 | 1.4 | 2.7 |
| 46 | | | 0.13 | 0.25 | 0.51 | 0.07 | | |
| 48 | 0.37 | 1.32 | 0.9 | 1.14 | 0.51 | 1.1 | 1.1 | 1.9 |
| 49/69 | 1.87 | 2.92 | 4.58 | 5.26 | 4.08 | 4.75 | 4.3 | 6.1 |
| 50/53 | 0.05 | 0.75 | 1.31 | 0.39 | 0.74 | 1.53 | 1.4 | 1.9 |
| 52 | 10.65 | 10.68 | 15.6 | 19.34 | 11.44 | 12.25 | 16.1 | 24.0 |
| 54 | | | | | | | | |
| 55 | | | 0.17 | | | | | 1.6 |
| 56 | 0.1 | 0.08 | 1.5 | 1.53 | 1.3 | 0.78 | | |
| 57 | 0.03 | | | | | | | |
| 58 | | | | | | | | |
| 59/62/75 | 0.4 | 1.93 | 1.55 | 0.22 | 1.97 | 1.41 | | |
| 60 | | | 0.76 | 0.95 | 0.15 | 0.05 | | 0.8 |
| 61/70/74/76 | 4.59 | 0.44 | 1.02 | 1.02 | 1.13 | 1.86 | 5.8 | 9.6 |
| 63 | | | | | 0.05 | | | |
| 64 | 0.11 | 2.68 | 2.54 | 3.03 | 2.26 | 2.79 | 2.1 | 3.7 |
| 66 | 1.45 | 2 | 1.2 | 2.75 | 2.47 | 3.52 | 2.1 | 3.4 |
| 67 | | 0.05 | | | | | | |
| 68 | 0.04 | | | 0.03 | | | | |
| 72 | | | | | | | | |
| 77 | | 0.05 | | | | 0.06 | | |
| 78 | | | | | | | | |
| 79 | | | | 0.02 | | | | |
| 80 | | | | | | | | |
| 81 | | | | 0.02 | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | 0.1 | 0.39 | 1.31 | 1.24 | 0.23 | | | |
| 83/99 | 1.02 | 3.98 | 10.61 | 15.1 | 3.89 | 5.42 | 2.7 | 3.9 |
| 84 | 1.62 | | 3.27 | 4.56 | 1.41 | 1.89 | 1.5 | 2.7 |
| 85/116/117 | 0.08 | 0.46 | 0.95 | 3.52 | | | 1.1 | 0.9 |
| 86/87/97/109/119/ | 0.06 | 0.38 | 1.61 | 3.71 | 0.14 | 0.19 | 2.3 | 3.9 |
| 88/91 | 1.08 | 0.13 | 1.28 | 3.5 | 0.26 | 0.61 | 0.8 | 1.4 |
| 89 | | | | | | | | |
| 90/101/113 | 5.23 | 4.63 | 11.59 | 15.17 | 4.33 | 5.52 | 4.2 | 7.5 |
| 92 | 0.83 | 0.69 | 2.23 | 2.78 | 0.74 | 0.24 | 0.8 | 1.4 |
| 93/100 | 0.06 | | 0.06 | 0.15 | | | | |
| 94 | | | | | | | 6.1 | 9.7 |
| 95 | 6.32 | 5.43 | 12.81 | 15.66 | 5.35 | 6.32 | | |
| 96 | | | | 0.02 | | | | |
| 98/102 | 0.08 | | 0.09 | 0.06 | | | | |
| 103 | | | | 0.02 | | | | |
| 104 | | | | | | | | |
| 105 | 0.52 | 0.8 | 2.57 | 2.86 | 0.73 | 0.99 | 0.6 | 0.9 |
| 106 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 107/123 | | 0.08 | 0.58 | 0.82 | 0.06 | 0.04 | | |
| 108/124 | | 0.03 | | 0.13 | 0.05 | | | |
| 110/115 | 4.21 | 3.96 | 13.1 | 14.59 | 3.66 | 4.99 | 3.0 | 5.9 |
| 111 | | 0.03 | | | | | | |
| 112 | 0.12 | 1.58 | 3.69 | 5.25 | 1.35 | 1.88 | | |
| 114 | | | 0.14 | 0.08 | | 0.05 | | |
| 118 | 2.18 | 2.36 | 8.08 | 8.66 | 1.84 | 2.83 | 1.6 | 2.9 |
| 120 | | | | | | | | |
| 121 | | | | | | | | |
| 122 | 0.03 | 0.02 | | | | 0.04 | | |
| 126 | | | 0.03 | 0.02 | 0.04 | | | |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 1.59 | 2 | 5.16 | 5.92 | 1.68 | 3.55 | 1.2 | 2.4 |
| 130 | | | | | | | | |
| 131 | | 0.03 | 0.1 | | | | | |
| 132 | 0.2 | 0.59 | 2.64 | 1.51 | 0.52 | 1.32 | | 1.7 |
| 133 | 0.04 | 0.03 | | | | | | |
| 134/143 | 0.12 | | 0.13 | | 0.14 | 0.15 | | |
| 135/151 | | 0.43 | 0.16 | 0.55 | 0.03 | 0.11 | | 1.4 |
| 136 | 0.33 | 0.34 | 0.91 | 1.31 | 0.26 | 0.07 | | |
| 137/164 | | | 0.23 | 0.1 | 0.05 | 0.2 | | |
| 139/140 | 0.04 | | 0.06 | 0.04 | | | | |
| 141 | 0.07 | 0.29 | 1.02 | 0.94 | 0.34 | 1.01 | | |
| 142 | | | | | | | | |
| 144 | | | 0.37 | 0.06 | 0.03 | | | |
| 145 | | | | | | | | 0.8 |
| 146 | 0.03 | 0.07 | 0.26 | 0.33 | | 0.13 | | |
| 147/149 | 2 | 2.53 | 5.89 | 5.66 | 2.22 | 2.36 | 1.5 | 3.0 |
| 148 | | | | | | | | |
| 150 | | | | | | | | |
| 152 | | | | | | | | |
| 153/168 | 1.43 | 1.65 | 4.03 | 4.68 | 1.86 | 3.26 | 1.3 | 1.9 |
| 154 | 0.04 | 0.03 | | | 0.04 | 0.08 | | |
| 155 | | | | | | | | |
| 156/157 | 2.6 | 0.02 | 0.14 | 2.5 | 0.6 | | | |
| 158 | | 0.04 | 0.35 | 0.54 | 0.03 | 0.12 | | |
| 159 | 0.02 | | | | | | | |
| 160 | | | | | | | | |
| 161 | 0.02 | 0.02 | 0.27 | 0.22 | | 0.13 | | |
| 162 | 0.02 | | | | | | | |
| 165 | | 0.03 | | | | | | |
| 167 | | 0.04 | 0.03 | 0.03 | | | | |
| 169 | | 0.07 | | | 0.02 | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Heptachlorobiphenyls | | | | | | | | |
| 170 | 0.05 | 0.06 | 0.05 | 0.05 | 0.04 | 0.22 | | |
| 171/173 | | | | | 0.05 | | | |
| 172 | | 0.04 | | | | | | |
| 174 | | 0.25 | 0.08 | 0.04 | 0.08 | 0.05 | | |
| 175 | | | | | | | | |
| 176 | | | 0.04 | 0.07 | | 0.03 | | |
| 177 | | | | | 0.08 | 0.29 | | |
| 178 | | | 0.08 | | 0.05 | 0.05 | | |
| 179 | | 0.28 | 0.41 | 0.6 | 0.28 | 0.37 | | |
| 180/193 | 0.19 | 0.03 | 0.13 | 0.64 | 0.39 | 1.74 | | 0.7 |
| 181 | | | | | | | | |
| 182 | | | | | | | | |
| 183/185 | | 0.57 | | 0.05 | 0.17 | 0.34 | | |
| 184 | | | | | | | | |
| 186 | | | | | | | | |
| 187 | 0.08 | 1.19 | 0.16 | 0.3 | 1.21 | 0.53 | | 0.9 |
| 188 | | | | | | | | |
| 189 | | | | | | | | |
| 190 | | | | | | | | |
| 191 | | | | | | | | |
| 192 | | 0.03 | | | | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | 0.05 | 0.29 | 0.04 | 0.09 | 0.07 | 0.06 | | |
| 195 | | | | | | | | |
| 196 | 0.04 | 0.04 | | | 0.04 | | | |
| 197 | | | | | | 0.03 | | |
| 198/199 | 0.06 | 0.82 | 0.26 | 0.54 | 0.81 | 0.19 | | |
| 200 | | | 0.05 | | 0.11 | 0.03 | | |
| 201 | | 0.07 | | | 0.13 | | | |
| 202 | | 0.12 | 0.05 | | 0.23 | 0.07 | | |
| 203 | 0.06 | 0.22 | | 0.05 | 0.16 | 0.03 | | |
| 205 | | | | | | | | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | 0.16 | 0.06 | | | | 0.31 | | |
| 207 | | | | | | | | |
| 208 | | | | 0.03 | | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | 0.22 | 0.09 | | 0.07 | 0.03 | | | |
| Recoveries | | | | | | | | |
| 14 | 90% | 88% | 83% | 78% | 81% | 67% | 104% | 104% |
| d-65/65 | 8% | 11% | 15% | 18% | 14% | 11% | 13% | 22% |
| 166 | 93% | 102% | 93% | 91% | 92% | 76% | 137% | 137% |

| Batch I.D. | 0094-07 | 0094-09 | 0095-05 | 0095-07 | 0095-09 | 0096-02 | 0096-04 | 0096-06 |
|---|---|---|---|---|---|---|---|---|
| Sample I.D. | 61027P-out | 61025P-out | 6107913P 03282009 | 6107513P 03282009 | 6107713P0 4022009 | 6106713P 03192009 | 6106313P 03192009 | 6106513P 03232009 |
| Deployment Date | 8/29/2008 | 8/29/2008 | 1/7/2009 | 12/30/200 | 12/30/2008 | 12/13/200 | 12/9/2008 | 12/10/200 |
| Collection Date | 11/29/200 | 11/29/2008 | 3/28/2009 | 3/28/2009 | 4/2/2009 | 3/19/2009 | 3/19/2009 | 3/23/2009 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 2.5 | 2.2 | 4.5 | 7.7 | 4.6 | 3.0 | 3.4 | 3.4 |
| 2 | 0.8 | 0.7 | 0.8 | 1.2 | 0.8 | 0.8 | 0.6 | 0.6 |
| 3 | 3.0 | 4.5 | 21.4 | 9.4 | 11.4 | 33.7 | 42.6 | 32.5 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 9.7 | 15.1 | 11.2 | 13.5 | 12.5 | 9.8 | 5.7 | 6.6 |
| 5 | | | | 0.4 | | | | |
| 6 | 2.5 | 4.5 | 3.0 | 3.9 | 3.2 | 4.4 | 2.2 | 3.1 |
| 7 | 0.4 | 0.9 | 0.6 | 0.8 | 0.6 | 0.8 | 0.6 | 1.3 |
| 8 | 8.6 | 15.5 | 10.0 | 15.6 | 12.2 | 17.6 | 8.6 | 12.5 |
| 9 | 0.7 | 1.3 | 0.7 | 1.3 | 0.9 | 1.2 | | 0.3 |
| 10 | | | 0.3 | 0.5 | 0.3 | 0.4 | 0.3 | |
| 11 | 9.6 | 24.5 | 16.9 | 16.7 | 16.7 | 19.3 | 17.0 | 18.1 |
| 12/13 | 0.6 | 0.7 | 0.5 | 0.4 | 0.4 | 0.7 | 0.5 | 0.7 |
| 15 | 1.9 | 4.1 | 2.7 | 2.8 | 2.8 | 3.8 | 1.8 | 2.5 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 3.7 | 5.4 | 3.0 | 1.3 | 5.1 | | | |
| 17 | 5.4 | 6.6 | 5.3 | 7.6 | 7.3 | 6.8 | 3.3 | 5.8 |
| 18/30 | | | | | | | | |
| 19 | 1.7 | 2.3 | 1.7 | 0.8 | 2.6 | 2.1 | 0.9 | 1.6 |
| 20/28 | 2.5 | 3.2 | 6.9 | 9.7 | 11.4 | 10.2 | 5.1 | 8.4 |
| 21/33 | 5.2 | 6.7 | 3.7 | 5.5 | 5.8 | 6.3 | 3.4 | 5.0 |
| 22 | 3.4 | 4.5 | 2.3 | 3.3 | 3.9 | 3.7 | 1.9 | 4.8 |
| 23 | 0.5 | 0.3 | 0.7 | 0.9 | 0.7 | 3.1 | 3.3 | 3.9 |
| 24 | | | | | | 3.3 | 1.7 | 2.6 |
| 25 | 0.8 | 0.5 | 1.9 | 2.5 | 3.0 | 0.8 | 0.4 | |
| 26/29 | | | 2.0 | 2.4 | 2.4 | 3.4 | 2.2 | 3.1 |
| 27 | 0.8 | 1.2 | 0.7 | 0.8 | 1.1 | 1.1 | 0.3 | 0.8 |
| 31 | 2.3 | 1.5 | 8.2 | 12.3 | 11.5 | 11.3 | 5.2 | 8.2 |
| 32 | 3.3 | 3.5 | 2.7 | 4.1 | 4.2 | 3.9 | 1.8 | 3.1 |
| 34 | | | | 0.6 | | 1.0 | 1.2 | 1.2 |
| 35 | | | | | | | | |
| 36 | | | | | | | | |
| 37 | 2.1 | 2.4 | 1.5 | 3.4 | 2.6 | 2.1 | 1.7 | 2.0 |
| 28 | | | | | | | | |
| 39 | | | | | | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 1.9 | 2.7 | 3.9 | 6.0 | 4.7 | 4.9 | 1.7 | 2.8 |
| 42 | 1.9 | 2.0 | 2.0 | 3.9 | 2.5 | 2.6 | 0.8 | 1.2 |
| 43/73 | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| 44/47/65 | | | 22.8 | 37.1 | 18.2 | 27.6 | 6.5 | 9.8 |
| 45 | 1.9 | 0.7 | 1.9 | 3.0 | 2.3 | 2.7 | 1.2 | 1.7 |
| 46 | | 2.1 | | | | | | |
| 48 | 1.6 | 2.3 | 1.7 | 2.2 | 1.9 | 2.5 | 0.9 | 1.3 |
| 49/69 | 6.7 | 7.7 | 13.5 | 20.8 | 10.9 | 17.1 | 4.1 | 5.3 |
| 50/53 | 1.5 | 2.1 | 3.1 | 5.6 | 3.4 | 3.6 | 1.3 | 1.5 |
| 52 | 23.9 | 32.7 | 81.3 | 135.9 | 59.1 | 95.6 | 20.6 | 24.4 |
| 54 | | | | | | | | |
| 55 | 1.2 | 1.8 | | | | | | 0.7 |
| 56 | | | 1.2 | 1.9 | 1.8 | 1.6 | 0.7 | |
| 57 | | | | | | | | |
| 58 | | | | | | | | |
| 59/62/75 | | 1.0 | 0.5 | | 0.6 | 0.9 | | |
| 60 | 0.7 | 1.1 | 0.7 | 1.2 | 1.0 | 0.9 | | |
| 61/70/74/76 | 8.2 | 11.0 | 14.3 | 25.2 | 13.0 | 17.9 | 5.4 | 7.0 |
| 63 | | | | | | | | |
| 64 | 3.5 | 4.0 | 5.8 | 9.2 | 5.0 | 6.9 | 2.0 | 2.5 |
| 66 | 2.7 | 3.7 | 4.0 | 6.1 | 4.2 | 4.5 | 1.6 | 2.3 |
| 67 | | | | | | | | |
| 68 | | | | | | | | |
| 72 | | | | | | | | |
| 77 | | | | | | | | |
| 78 | | 14.6 | | | | | | |
| 79 | | | | | | | | |
| 80 | | | | | | | | |
| 81 | | | | | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | | | | 1.8 | | | | |
| 83/99 | 3.0 | 4.7 | 5.6 | 14.1 | 4.9 | | | |
| 84 | 1.8 | 3.3 | 7.1 | 15.7 | 5.3 | 7.3 | 2.2 | 2.3 |
| 85/116/117 | 1.1 | 1.5 | 1.0 | 3.2 | 1.6 | | 0.9 | 1.0 |
| 86/87/97/109/119/ | 2.9 | 4.9 | 5.0 | 15.6 | 4.9 | 7.1 | 1.8 | 1.8 |
| 88/91 | 1.3 | 1.8 | 4.0 | 6.7 | 2.7 | 4.4 | 1.1 | 1.6 |
| 89 | | | | | | | | |
| 90/101/113 | 5.2 | 9.3 | 13.3 | 31.4 | 10.4 | 16.4 | 5.1 | 6.3 |
| 92 | 1.0 | 1.8 | 2.6 | 6.4 | 2.2 | 3.3 | 1.0 | 1.0 |
| 93/100 | | | 31.9 | 61.2 | 21.5 | | | |
| 94 | 7.4 | 13.5 | | | | | | |
| 95 | | | | | | 32.7 | 7.6 | 9.7 |
| 96 | | | 0.6 | 1.0 | 0.3 | 0.6 | | |
| 98/102 | | | 0.8 | 1.7 | 0.7 | 1.1 | | |
| 103 | | | | | | | | |
| 104 | | | | | | | | |
| 105 | 0.6 | 0.7 | 0.3 | 1.6 | 1.1 | 0.6 | 0.5 | 0.6 |
| 106 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 107/123 | | | | | | | | |
| 108/124 | | | | | | | | |
| 110/115 | 3.6 | 6.1 | 5.0 | 18.8 | 6.0 | 9.4 | 3.1 | 3.9 |
| 111 | | | | | | | | |
| 112 | | | | | | 5.1 | 1.6 | 2.1 |
| 114 | | | | | | | | |
| 118 | 1.9 | 2.9 | 1.4 | 5.4 | 2.7 | 2.5 | 1.1 | 1.5 |
| 120 | | | | | | | | |
| 121 | | | | | | | | |
| 122 | | | | | | | | |
| 126 | | | 0.3 | | | 0.3 | 0.3 | 0.4 |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 1.6 | 1.8 | 0.8 | 4.6 | 2.6 | 2.0 | 0.8 | 1.1 |
| 130 | | | | | | | | |
| 131 | | | | | | | | |
| 132 | | 1.2 | | 3.6 | 1.3 | 1.0 | | |
| 133 | | | | | | | | |
| 134/143 | | | | 1.1 | | | | |
| 135/151 | 1.1 | 1.7 | 1.2 | 5.0 | 1.8 | 2.1 | 0.7 | 1.2 |
| 136 | | | 1.2 | 4.7 | 1.1 | 1.7 | 0.5 | 0.5 |
| 137/164 | | | | | | | | |
| 139/140 | | | | | | | | |
| 141 | | | | 1.0 | | | | |
| 142 | | | | | | | | |
| 144 | | | | 1.2 | | | | |
| 145 | 0.6 | 1.0 | | | | | | |
| 146 | | | | | | | | |
| 147/149 | 2.2 | 3.3 | 1.6 | 9.8 | 3.1 | 3.4 | 1.3 | 1.8 |
| 148 | | | | | | | | |
| 150 | | | | | | | | |
| 152 | | | | | | | | |
| 153/168 | 1.5 | 2.2 | 0.8 | 4.4 | 2.1 | 2.1 | 0.7 | 1.2 |
| 154 | | | | | | | | |
| 155 | | | | | | | | |
| 156/157 | | | | | | | | |
| 158 | | | | | | | | |
| 159 | | | | | | | | |
| 160 | | | | | | | | |
| 161 | | | | | | | | |
| 162 | | | | | | | | |
| 165 | | | | | | | | |
| 167 | | | | | | | | |
| 169 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Heptachlorobiphenyls | | | | | | | | |
| 170 | | | | | | | | |
| 171/173 | | | | | | | | |
| 172 | | | | | | | | |
| 174 | | | | 1.1 | | | | |
| 175 | | | | | | | | |
| 176 | | | | | | | | |
| 177 | | | | | | | | |
| 178 | | | | | | | | |
| 179 | | | | 1.0 | | 0.6 | | |
| 180/193 | 0.6 | | | 1.4 | 1.2 | 0.6 | | |
| 181 | | | | | | | | |
| 182 | | | | | | | | |
| 183/185 | | | | | 0.6 | | | |
| 184 | | | | | | | | |
| 186 | | | | | | | | |
| 187 | 0.9 | | | 1.4 | 0.4 | 0.8 | | |
| 188 | | | | | | | | |
| 189 | | | | | | | | |
| 190 | | | | | | | | |
| 191 | | | | | | | | |
| 192 | | | | | | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | | | | | | | | |
| 195 | | | | | | | | |
| 196 | | | | | | | | |
| 197 | | | | | | | | |
| 198/199 | | | | | | | | |
| 200 | | | | | | | | |
| 201 | | | | | | | | |
| 202 | | | | | | | | |
| 203 | | | | | | | | |
| 205 | | | | | | | | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | | | | | | | | |
| 207 | | | | | | | | |
| 208 | | | | | | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | | | | | | | | 2.0 |
| Recoveries | | | | | | | | |
| 14 | 104% | 104% | 71% | 71% | 71% | 89% | 89% | 89% |
| d-65/65 | 20% | 27% | 91% | 91% | 91% | 109% | 109% | 109% |
| 166 | 137% | 137% | 126% | 126% | 126% | 125% | 125% | 125% |

| Batch I.D. | 0096-08 | 0097-01 | 0097-03 | 0097-05 | 0097-06 | 0097-08 | 0098-04 | 0098-06 |
|---|---|---|---|---|---|---|---|---|
| Sample I.D. | 6106113P 03242009 | 6107313P0 4022009 | 6108613P 04112009 | 6108113P 04112009 | 6101217P0 4272009 | 6101317P 04272009 | 6104717P 03242009 | 6100717P 04282009 |
| Deployment Date | 12/9/2008 | 12/30/2008 | 1/12/2009 | 1/12/2009 | 1/12/2009 | 1/30/2009 | 11/28/200 | 1/30/2009 |
| Collection Date | 3/24/2009 | 4/2/2009 | 4/11/2009 | 4/11/2009 | 4/27/2009 | 4/27/2009 | 3/24/2009 | 4/28/2009 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 3.5 | 3.4 | 6.4 | 3.7 | 9.2 | 4.8 | 2.0 | 2.1 |
| 2 | 0.8 | 0.9 | 0.9 | 0.5 | 1.1 | 0.8 | 0.4 | 0.5 |
| 3 | 25.4 | 25.7 | 74.6 | 49.9 | 41.4 | 34.2 | 20.9 | 14.4 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 5.8 | 13.6 | 41.1 | 9.1 | 26.4 | 21.3 | 10.4 | 8.2 |
| 5 | | | | | | | 0.3 | 0.3 |
| 6 | 2.5 | 6.2 | 6.4 | 3.6 | 9.6 | 7.9 | 3.2 | 3.1 |
| 7 | 0.7 | 1.6 | 1.4 | 0.9 | 2.0 | 1.4 | 0.8 | 0.8 |
| 8 | 9.9 | 25.9 | 25.9 | 13.4 | 41.3 | 35.2 | 13.2 | 12.8 |
| 9 | 0.8 | 2.0 | 1.5 | 1.0 | 3.1 | 2.5 | 1.0 | 1.0 |
| 10 | | 0.5 | 1.3 | | 1.1 | 0.7 | 0.4 | 0.4 |
| 11 | 25.3 | 44.7 | 31.1 | 35.8 | 51.4 | 33.4 | 25.2 | 20.2 |
| 12/13 | 0.5 | 1.6 | 1.0 | 0.7 | 1.9 | 1.8 | 0.5 | 0.6 |
| 15 | 2.9 | 8.5 | 4.0 | 3.3 | 10.1 | 8.4 | 2.6 | 2.9 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | | 11.3 | 7.8 | 5.3 | 16.9 | 24.3 | 7.9 | 7.5 |
| 17 | 5.4 | 10.2 | 9.7 | 5.9 | 16.3 | 23.9 | 6.2 | 6.0 |
| 18/30 | | | | | | | | |
| 19 | 1.6 | 2.1 | 4.2 | 1.6 | 4.8 | 7.5 | 1.6 | 1.7 |
| 20/28 | 9.5 | 22.4 | 9.9 | 8.8 | 27.0 | 28.0 | 9.4 | 10.1 |
| 21/33 | 4.9 | 15.3 | 6.6 | 5.5 | 17.4 | 19.6 | 5.7 | 5.8 |
| 22 | 4.8 | 9.3 | 4.4 | 4.0 | 9.7 | 11.3 | 2.9 | 3.1 |
| 23 | 4.1 | 3.5 | 2.5 | 2.3 | 2.4 | 3.9 | | |
| 24 | 2.5 | | 0.9 | | | | 3.2 | 3.0 |
| 25 | 0.6 | 1.8 | 0.8 | 0.6 | 2.0 | 2.9 | 0.5 | 0.8 |
| 26/29 | 3.0 | 5.3 | 2.9 | 2.6 | 5.9 | 7.4 | 2.0 | 2.2 |
| 27 | 1.1 | 1.8 | 0.8 | 1.0 | 2.9 | 3.4 | | 0.7 |
| 31 | 9.3 | 20.7 | 11.2 | 8.9 | 38.3 | 31.8 | 10.9 | 12.5 |
| 32 | 3.1 | 6.0 | 4.4 | 3.0 | 9.3 | 12.5 | 3.3 | 3.2 |
| 34 | 1.3 | 1.1 | 0.9 | 0.8 | 1.1 | 2.0 | | |
| 35 | | | | | | | 0.1 | |
| 36 | | | | | | | | |
| 37 | 2.7 | 5.9 | 2.1 | 2.1 | 4.3 | 3.6 | 1.6 | 0.2 |
| 28 | | | | | | | | |
| 39 | | | | | | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 4.8 | 10.8 | 5.4 | 3.3 | 28.3 | 13.3 | 3.6 | 8.0 |
| 42 | 2.4 | 5.0 | 2.5 | 1.8 | 15.4 | 5.9 | 3.8 | 8.5 |
| 43/73 | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| 44/47/65 | 14.8 | 27.9 | 29.3 | 13.0 | 191.8 | 66.8 | | |
| 45 | 1.9 | 4.8 | 2.6 | 1.9 | 10.6 | 6.4 | 1.0 | 3.0 |
| 46 | | | | | 3.5 | 1.9 | 0.9 | 1.2 |
| 48 | 1.7 | 4.3 | 2.5 | 1.8 | 11.0 | 5.2 | | |
| 49/69 | 9.4 | 15.1 | 17.3 | 7.6 | 118.7 | 38.3 | 17.8 | 30.7 |
| 50/53 | 2.3 | 4.0 | 3.9 | 2.3 | 19.5 | 8.2 | 4.3 | 5.5 |
| 52 | 42.4 | 51.6 | 83.8 | 29.9 | 598.9 | 185.8 | 105.5 | 183.9 |
| 54 | | | | | | | | 0.0 |
| 55 | 2.6 | | | | | | 0.9 | 0.4 |
| 56 | 1.0 | 4.3 | 1.6 | 1.3 | 9.1 | 5.9 | 1.5 | 2.4 |
| 57 | | | | | | | | |
| 58 | | | | | | | 0.6 | 1.3 |
| 59/62/75 | | 1.9 | 0.7 | | | 0.9 | 4.3 | 6.6 |
| 60 | | 2.5 | 1.0 | | 4.4 | 2.6 | | 1.1 |
| 61/70/74/76 | 14.4 | 24.0 | 21.3 | 9.2 | 150.4 | 66.5 | 14.7 | 33.1 |
| 63 | | | | | | | 2.3 | 3.2 |
| 64 | 5.2 | 8.9 | 7.1 | 3.3 | 48.1 | 16.5 | 6.8 | 12.4 |
| 66 | 5.9 | 8.8 | 5.8 | 2.9 | 31.2 | 14.3 | 3.9 | 7.6 |
| 67 | | | | | | | 0.2 | 0.5 |
| 68 | | | | | | | | 0.1 |
| 72 | | | | | | | | |
| 77 | | | | | | | 0.0 | |
| 78 | | | | | | | | |
| 79 | | 2.2 | | | | | | |
| 80 | | | | | | | | |
| 81 | | | | | | | 0.0 | 0.0 |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | 1.1 | 1.8 | 1.0 | | 5.6 | 9.0 | 0.5 | 1.3 |
| 83/99 | | 8.5 | 9.3 | 3.8 | 60.8 | 40.7 | 5.4 | 13.4 |
| 84 | 4.2 | 6.5 | 9.9 | 3.0 | 67.0 | 39.8 | 6.3 | 16.7 |
| 85/116/117 | 1.6 | 2.2 | 2.0 | 1.4 | | | 0.9 | 2.7 |
| 86/87/97/109/119/ | 3.8 | 9.5 | 9.5 | 1.3 | 57.0 | 57.1 | 5.3 | 13.1 |
| 88/91 | 2.5 | 3.6 | 5.1 | 1.6 | 36.9 | 17.4 | 3.1 | 8.0 |
| 89 | | | | | 2.0 | 1.1 | 0.1 | 0.0 |
| 90/101/113 | 10.7 | 17.5 | 19.7 | 7.5 | 134.5 | 87.5 | 11.3 | 30.6 |
| 92 | 2.2 | 3.6 | 4.4 | 1.6 | 27.9 | 15.6 | 2.5 | 6.6 |
| 93/100 | | | | | | | | |
| 94 | | | | | 1.3 | | | |
| 95 | 16.0 | 25.4 | 42.2 | 11.8 | 300.0 | 132.8 | 34.3 | 83.0 |
| 96 | | | 0.6 | | 3.6 | 1.0 | 0.5 | 0.9 |
| 98/102 | | | 1.2 | | 7.8 | 3.1 | 0.6 | 1.9 |
| 103 | | | | | 1.9 | | 0.1 | 0.4 |
| 104 | | | | | | | | |
| 105 | 1.6 | 2.1 | 0.8 | 0.8 | 3.7 | 13.5 | 0.4 | 0.7 |
| 106 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 107/123 | 0.5 | | | | 1.2 | 3.3 | 0.0 | 0.1 |
| 108/124 | | | | | | 1.9 | 0.0 | |
| 110/115 | 8.5 | 12.6 | 9.9 | 5.2 | 66.7 | 87.1 | 6.7 | 17.3 |
| 111 | | | | | | | | |
| 112 | 4.3 | | | | | | 3.7 | 9.2 |
| 114 | | | | | | 0.9 | 0.0 | 0.0 |
| 118 | 4.2 | 6.1 | 2.7 | 2.8 | 14.2 | 41.3 | 1.9 | 3.5 |
| 120 | | | | | | | | |
| 121 | | | | | | | | |
| 122 | | | | | | | | |
| 126 | 0.4 | | | | | | 0.3 | 0.3 |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 2.6 | 4.7 | 1.2 | 3.0 | 5.7 | 28.1 | 1.0 | 1.3 |
| 130 | | | | | | 2.4 | 0.0 | 0.1 |
| 131 | | | | | | | | 0.1 |
| 132 | 1.1 | 2.2 | 0.9 | 1.0 | 4.3 | 15.6 | 0.6 | 1.1 |
| 133 | | | | | | | | |
| 134/143 | | | | | 1.3 | 3.3 | | 0.3 |
| 135/151 | 1.3 | 3.6 | 1.9 | 1.4 | 11.1 | 11.2 | 0.7 | 2.4 |
| 136 | 1.0 | 1.5 | 1.9 | 0.8 | 11.8 | 9.0 | 1.1 | 2.9 |
| 137/164 | | | | | | 2.3 | | |
| 139/140 | | | | | | 1.2 | 0.0 | 0.0 |
| 141 | | | | | 1.4 | 4.6 | 0.1 | 0.2 |
| 142 | | | | | | | | |
| 144 | | | | | 1.7 | 1.9 | 0.0 | 0.0 |
| 145 | | | | | | | | |
| 146 | | | | | 1.2 | 3.9 | 0.0 | 0.1 |
| 147/149 | 3.0 | 6.3 | 3.8 | 3.4 | 18.3 | 30.3 | 2.2 | 4.3 |
| 148 | | | | | | | | |
| 150 | | | | | | | 0.0 | |
| 152 | | | | | | | | |
| 153/168 | 1.9 | 4.9 | 1.6 | 2.9 | 6.1 | 19.8 | 1.0 | 1.5 |
| 154 | | | | | | | | 0.0 |
| 155 | | | | | | | | |
| 156/157 | | | | | | | | |
| 158 | | | | | 0.6 | 3.7 | | 0.0 |
| 159 | | | | | | | | |
| 160 | | | | | | | 0.2 | |
| 161 | | | | | | | 0.0 | 0.1 |
| 162 | | | | | | | | |
| 165 | | | | | | | | |
| 167 | | | | | | | | 0.0 |
| 169 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Heptachlorobiphenyls | | | | | | | | |
| 170 | | | | | | 0.9 | | |
| 171/173 | | | | | | | | |
| 172 | | | | | | | | |
| 174 | | 1.5 | | | | 1.1 | | 0.1 |
| 175 | | | | | | | | |
| 176 | | | | | | | 0.0 | |
| 177 | | | | | | | | 0.0 |
| 178 | | | | | | | 0.0 | |
| 179 | | | | | 1.1 | 1.1 | 0.2 | 0.3 |
| 180/193 | 1.0 | 2.7 | | 1.6 | 0.6 | 1.6 | 0.2 | 0.2 |
| 181 | | | | | | | | |
| 182 | | | | | | | | |
| 183/185 | | | | | | 1.0 | | 0.0 |
| 184 | | | | | | | 0.0 | 0.0 |
| 186 | | | | | | | | |
| 187 | 0.8 | 3.2 | | 1.3 | 0.9 | 1.4 | 0.3 | 0.4 |
| 188 | | | | | | | | |
| 189 | | | | | | | | |
| 190 | | | | | | | | |
| 191 | | | | | | | | |
| 192 | | | | | | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | | | | | | | | 0.0 |
| 195 | | | | | | | | |
| 196 | | | | | | | | 0.0 |
| 197 | | 1.3 | | | | | | |
| 198/199 | | | | | | | | 0.0 |
| 200 | | | | | | | | |
| 201 | | | | | | | | |
| 202 | | | | | | | 0.0 | 0.0 |
| 203 | | | | | | | | 0.0 |
| 205 | | | | | | | | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | | | | | | | | 0.0 |
| 207 | | | | | | | | |
| 208 | | | | | | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | | | | | | | | 0.5 |
| Recoveries | | | | | | | | |
| 14 | 89% | 94% | 94% | 94% | 94% | 94% | 64% | 58% |
| d-65/65 | 109% | 109% | 109% | 109% | 109% | 109% | 95% | 84% |
| 166 | 125% | 119% | 119% | 119% | 119% | 119% | 85% | 80% |

| Batch I.D. | 0099-01 | 0099-03 | 0099-05 | 0100-01 | 0100-05 | 0100-07 | 0100-09 | 0122-01 |
|---|---|---|---|---|---|---|---|---|
| Sample I.D. | 6108917 | 6107717 | 6107917 | 6106917 | 6102712P0 81509 | 6102912Y R2 | 6103312Y R2 | 6100114Y R2 |
| Deployment Date | 6/8/2009 | 7/9/2009 | 6/9/2009 | 6/10/2009 | 5/14/2009 | 5/18/2009 | 5/31/2009 | 8/2/2009 |
| Collection Date | 9/18/2009 | 9/8/2009 | 9/4/2009 | 9/8/2009 | 8/15/2009 | 8/24/2009 | 8/24/2009 | 10/13/200 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 2.6 | 0.7 | 0.1 | 0.6 | 0.8 | 0.9 | 0.7 | 1.5 |
| 2 | 0.5 | 0.2 | 0.1 | 0.2 | 0.4 | 0.4 | 0.2 | 0.6 |
| 3 | 3.8 | 2.9 | 1.1 | 3.7 | 2.0 | 2.5 | 2.2 | 20.1 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 3.2 | 4.2 | 1.1 | 3.1 | 5.3 | 4.7 | 3.6 | 54.8 |
| 5 | 0.1 | 0.2 | | 0.0 | 0.1 | 0.2 | 0.1 | |
| 6 | 1.6 | 2.3 | 0.2 | 1.4 | 1.6 | 2.4 | 1.4 | 7.3 |
| 7 | 0.2 | 0.7 | | 0.3 | 0.2 | 0.4 | | 1.5 |
| 8 | 6.4 | 9.6 | 0.8 | 5.2 | 6.9 | 9.6 | 5.5 | 30.0 |
| 9 | 0.3 | 0.6 | 0.0 | 0.1 | 0.2 | 0.5 | 0.1 | 1.3 |
| 10 | 0.2 | 0.1 | | 0.1 | 0.2 | 0.2 | 0.1 | 1.8 |
| 11 | 7.8 | 25.4 | 1.8 | 9.2 | 11.4 | 19.0 | 9.9 | 24.7 |
| 12/13 | 0.4 | 0.7 | 0.0 | 0.3 | 0.4 | 0.5 | 0.3 | 0.9 |
| 15 | 2.7 | 4.1 | 0.2 | 1.6 | 1.6 | 2.9 | 1.8 | 4.7 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 8.1 | 10.5 | 0.5 | 4.7 | 5.8 | 9.9 | 5.1 | 15.6 |
| 17 | 5.2 | 7.5 | 0.5 | 3.3 | 4.5 | 7.0 | 3.4 | 19.9 |
| 18/30 | | | | | | | | 41.4 |
| 19 | 1.5 | 1.9 | 0.1 | 0.5 | 1.2 | 1.7 | 0.8 | 8.6 |
| 20/28 | 12.6 | 17.2 | 0.9 | 6.6 | 7.3 | 15.6 | 7.1 | 20.8 |
| 21/33 | 6.8 | 9.7 | 0.4 | 4.2 | 4.6 | 9.9 | 4.3 | 10.6 |
| 22 | 4.6 | 5.8 | 0.3 | 2.4 | 2.3 | 5.4 | 2.6 | 7.2 |
| 23 | | 0.0 | | | | | | |
| 24 | 3.1 | 4.1 | 0.2 | 1.8 | 2.2 | 4.0 | 2.0 | |
| 25 | 1.1 | 1.4 | 0.0 | 0.6 | 0.6 | 1.0 | 0.6 | 2.0 |
| 26/29 | 2.6 | 3.5 | 0.0 | 1.7 | 1.8 | 2.9 | 1.7 | 4.7 |
| 27 | 0.9 | 1.0 | | 0.5 | 0.6 | 0.8 | 0.5 | 2.5 |
| 31 | 11.0 | 15.0 | 0.8 | 6.2 | 6.8 | 18.6 | 6.7 | 20.6 |
| 32 | 3.8 | 4.9 | 0.3 | 2.1 | 2.5 | 4.7 | 2.2 | 9.5 |
| 34 | 0.0 | 0.0 | | 0.0 | | | | |
| 35 | | 0.5 | | 0.2 | 0.1 | | 0.1 | |
| 36 | | | | | | 0.0 | | |
| 37 | 2.7 | 3.0 | 0.0 | 0.5 | 1.1 | 2.4 | 1.4 | 3.3 |
| 28 | | 0.0 | | | | | | |
| 39 | 0.0 | | | | | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 5.6 | 8.1 | 0.1 | 2.3 | 1.9 | 10.8 | | 7.6 |
| 42 | 1.3 | 8.5 | 0.1 | 0.4 | 0.4 | 1.0 | 2.9 | 4.2 |
| 43/73 | 0.6 | | | | 0.1 | | 0.1 | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 44/47/65 | | | | | | | | 16.3 |
| 45 | 3.1 | 5.6 | 0.0 | 0.4 | 1.8 | 2.3 | 0.5 | 5.5 |
| 46 | 1.1 | 0.9 | | | 0.4 | 1.5 | 0.2 | |
| 48 | 1.0 | 1.0 | | 0.3 | | 1.9 | 0.4 | 3.1 |
| 49/69 | 7.4 | 10.8 | 0.1 | 4.0 | 3.8 | 35.2 | 4.2 | 10.0 |
| 50/53 | 1.6 | 2.6 | 0.0 | 1.1 | 1.0 | 4.8 | 0.8 | 4.4 |
| 52 | 20.5 | 43.1 | 1.6 | 12.5 | 13.1 | 207.1 | 12.3 | 8.7 |
| 54 | 0.0 | | | | | | 0.0 | |
| 55 | | | 0.0 | 0.4 | 0.2 | | 0.5 | |
| 56 | 2.9 | 3.1 | 0.0 | 0.9 | 0.5 | 8.1 | 1.0 | 3.0 |
| 57 | | 0.1 | | | 0.0 | 0.5 | | |
| 58 | 0.0 | 0.1 | | 1.1 | 0.0 | 2.0 | 0.6 | |
| 59/62/75 | 4.1 | 3.5 | 0.3 | 2.1 | 2.2 | 8.9 | 1.2 | 1.3 |
| 60 | 0.7 | 1.5 | 0.0 | 0.5 | 0.0 | 3.8 | | 1.6 |
| 61/70/74/76 | 11.6 | 21.9 | 0.5 | 6.6 | 5.7 | 91.4 | 6.4 | 13.4 |
| 63 | 0.1 | 0.4 | | 4.0 | 0.7 | 3.6 | 1.8 | |
| 64 | 5.2 | 6.3 | | 2.2 | 2.1 | 17.6 | 2.2 | 7.0 |
| 66 | 5.6 | 6.7 | 0.1 | 2.8 | 2.2 | 19.8 | 2.7 | 6.1 |
| 67 | 0.1 | 0.2 | 0.2 | 1.5 | 0.6 | 1.5 | 0.9 | |
| 68 | | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | | |
| 72 | | | | | | | | |
| 77 | 0.0 | | 0.0 | 0.1 | | 0.1 | | |
| 78 | 0.0 | | | 0.0 | 0.0 | | | |
| 79 | 0.0 | | | | | | 0.0 | |
| 80 | | | | | 0.0 | | | |
| 81 | | | 0.0 | | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | 0.8 | 2.5 | | 0.5 | 0.3 | 11.3 | 0.3 | 1.2 |
| 83/99 | 1.9 | 6.3 | | 2.5 | 2.1 | 60.4 | 1.4 | 4.3 |
| 84 | 2.5 | 7.5 | 0.1 | 2.1 | 1.8 | 42.6 | 1.8 | 3.5 |
| 85/116/117 | | 0.9 | 0.0 | 0.1 | | 5.8 | | |
| 86/87/97/109/119/ | 4.7 | 15.1 | 0.5 | 3.3 | 2.8 | 81.7 | 3.0 | 2.1 |
| 88/91 | 3.5 | 2.5 | 0.1 | 2.4 | 0.9 | 40.8 | 1.4 | 1.3 |
| 89 | | | | 0.0 | | 0.8 | 0.0 | |
| 90/101/113 | 6.6 | 26.9 | 0.5 | 5.1 | 4.8 | 134.8 | 4.9 | 9.1 |
| 92 | 1.4 | 4.6 | 0.0 | 1.0 | 0.9 | 24.8 | 0.8 | 1.6 |
| 93/100 | 0.2 | | | 0.2 | | | | |
| 94 | 0.0 | | | | 0.0 | | 0.0 | |
| 95 | 9.8 | 32.9 | 1.2 | 7.9 | 8.0 | 170.8 | 7.5 | 12.8 |
| 96 | 0.1 | 0.2 | | | | 0.8 | 0.0 | |
| 98/102 | 0.2 | 0.7 | | 0.2 | 0.1 | 2.8 | 0.0 | |
| 103 | | 0.1 | | | | 0.1 | 0.0 | |
| 104 | | | | | | | | |
| 105 | 1.2 | 3.9 | | 0.3 | 0.4 | 21.5 | 0.8 | 1.2 |
| 106 | | 0.1 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 107/123 | 0.2 | 1.2 | 0.0 | 0.2 | | 8.9 | | |
| 108/124 | | 2.3 | 0.0 | 0.0 | 0.0 | 10.7 | | |
| 110/115 | 8.1 | 28.8 | 0.3 | 5.3 | 4.1 | 154.8 | 5.2 | 7.2 |
| 111 | | | | | | | | |
| 112 | | | | 3.4 | 2.8 | 80.5 | 0.5 | |
| 114 | 0.0 | 0.1 | | | 0.0 | 1.4 | | |
| 118 | 4.2 | 14.6 | 0.1 | 2.3 | 1.8 | 84.5 | 2.6 | 3.1 |
| 120 | | | | | | | | |
| 121 | | | | | | | | |
| 122 | | | | | | 0.5 | | |
| 126 | 0.6 | | 0.0 | 0.2 | 0.2 | 0.1 | 0.0 | |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 3.9 | 12.6 | | 2.0 | 1.3 | 52.5 | 2.2 | 4.3 |
| 130 | | 0.3 | | 0.1 | | 3.7 | | |
| 131 | | | | | | 0.7 | 0.0 | |
| 132 | 0.7 | 5.4 | | 0.9 | 0.2 | 22.6 | 1.0 | 2.2 |
| 133 | | 0.1 | | | 0.0 | 0.4 | 0.0 | |
| 134/143 | 0.1 | 0.6 | | | | 3.2 | | |
| 135/151 | 1.9 | 9.1 | | 0.5 | 0.3 | 17.2 | 0.5 | 2.9 |
| 136 | 0.6 | 4.2 | 0.0 | 0.3 | 0.5 | 10.7 | 0.5 | 1.7 |
| 137/164 | 0.2 | 0.1 | | 0.1 | | 7.0 | | |
| 139/140 | 0.0 | 0.1 | 0.0 | | 0.0 | 1.6 | | |
| 141 | 0.6 | 2.5 | | 0.2 | 0.2 | 7.9 | 0.3 | |
| 142 | | | | | | 1.4 | | |
| 144 | 0.0 | 1.5 | | 0.0 | 0.1 | 3.1 | 0.1 | |
| 145 | | | | | 0.0 | 0.0 | 0.0 | |
| 146 | 0.6 | 1.5 | | 0.4 | 0.1 | 6.5 | 0.3 | |
| 147/149 | 4.1 | 18.3 | 0.2 | 1.8 | 1.8 | 43.9 | 2.6 | 5.2 |
| 148 | | | | | | 0.0 | | |
| 150 | | | | | | 0.0 | 0.0 | |
| 152 | | | | | | 0.0 | 0.0 | |
| 153/168 | 3.2 | 12.6 | 0.0 | 1.7 | 1.2 | 32.3 | 1.8 | 3.7 |
| 154 | 0.1 | | | 0.1 | 0.0 | | 0.1 | |
| 155 | | | | | | | | |
| 156/157 | 1.7 | 0.1 | 1.9 | 0.0 | | 4.1 | | |
| 158 | 0.4 | 0.9 | | | 0.0 | 6.2 | 0.1 | |
| 159 | | | | 0.0 | | | | |
| 160 | | | | | | | | |
| 161 | 0.4 | 1.0 | | 0.3 | 0.1 | 4.5 | 0.2 | |
| 162 | | | | | | | 0.0 | |
| 165 | | | | | | | | |
| 167 | 0.0 | 0.1 | | | | 1.4 | | |
| 169 | | 0.0 | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Heptachlorobiphenyls | | | | | | | | |
| 170 | 0.1 | 0.2 | | 0.0 | 0.0 | 1.6 | 0.1 | |
| 171/173 | 0.1 | 0.1 | | | | 0.6 | 0.0 | |
| 172 | | | | | 0.0 | 0.0 | 0.0 | |
| 174 | 1.0 | 2.8 | | 0.3 | 0.1 | 2.3 | | |
| 175 | 0.0 | 0.0 | | | | 0.1 | | |
| 176 | 0.0 | 0.7 | | 0.0 | 0.0 | 0.5 | 0.1 | |
| 177 | 0.4 | 0.5 | | 0.2 | 0.1 | 1.2 | 0.1 | |
| 178 | 0.1 | 0.1 | | 0.1 | 0.0 | | 0.0 | |
| 179 | 0.8 | 3.2 | | 0.4 | 0.3 | 1.1 | 0.4 | |
| 180/193 | 1.5 | 2.2 | 0.1 | 0.7 | 0.4 | 2.4 | 0.8 | |
| 181 | | | | | | | | |
| 182 | | | | | | 0.0 | | |
| 183/185 | 0.8 | 4.8 | | 0.6 | 0.6 | 2.7 | 0.4 | |
| 184 | | | | | | 0.0 | | |
| 186 | | | 0.0 | | | | | |
| 187 | 2.0 | 5.6 | 0.0 | 1.0 | 0.6 | 1.8 | 1.1 | |
| 188 | 0.0 | | | | | | | |
| 189 | | | | | | | | |
| 190 | 0.0 | 0.0 | | | | 0.1 | | |
| 191 | 0.0 | | | | | 0.1 | | |
| 192 | | | | | | | 0.0 | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | 0.3 | 0.1 | | 0.0 | 0.0 | | | |
| 195 | | | | 0.0 | | | | |
| 196 | 0.0 | 0.1 | | 0.1 | | | 0.0 | |
| 197 | | | | | | | | |
| 198/199 | 0.6 | 0.2 | 0.0 | 0.4 | 0.1 | 0.1 | 0.1 | |
| 200 | 0.2 | 0.2 | | | 0.0 | 0.0 | 0.1 | |
| 201 | 0.1 | 0.0 | | | | 0.0 | 0.0 | |
| 202 | 0.5 | 0.2 | 0.0 | 0.1 | 0.1 | | 0.0 | |
| 203 | 0.0 | 0.1 | 0.0 | 0.0 | | 0.0 | 0.1 | |
| 205 | 0.0 | | | | | | | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | 0.5 | 0.1 | | 0.1 | 0.1 | 0.1 | 0.1 | |
| 207 | | | | | | | | |
| 208 | 0.2 | | | | | 0.0 | 0.0 | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | |
| Recoveries | | | | | | | | |
| 14 | 62% | 66% | 12% | 63% | 63% | 66% | 48% | 97% |
| d-65/65 | 101% | 95% | 18% | 95% | 87% | 198% | 69% | 113% |
| 166 | 84% | 87% | 17% | 84% | 78% | 96% | 61% | 101% |

| Batch I.D. | 0122-03 | 0122-06 | 0122-07 | 0122-09 | 0123-02 | 0123-04 | 0123-05 | 0123-07 |
|---|---|---|---|---|---|---|---|---|
| Sample I.D. | 6100314Y R2 | 6100514Y R2 | 6100714Y R2 | 6100912Y R2 | 6101114Y R2 | 6101314Y R2 | 6101514Y R2 | 6101914Y R3 |
| Deployment Date | 8/2/2009 | 8/2/2009 | 8/2/2009 | 5/2/2009 | 8/2/2009 | 8/2/2009 | 8/24/2009 | 8/15/2009 |
| Collection Date | 10/27/200 | 11/2/2009 | 11/23/200 | 11/11/200 | 11/12/2009 | 10/12/200 | 11/17/200 | 11/23/200 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 1.5 | 0.9 | 1.5 | 1.3 | 0.8 | 0.7 | 1.0 | 1.6 |
| 2 | 0.6 | 0.5 | 0.6 | 0.5 | 0.5 | 0.6 | 0.5 | 0.7 |
| 3 | 10.3 | 6.3 | 7.9 | 7.2 | 6.5 | 8.9 | 8.1 | 7.8 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 28.6 | 15.2 | 17.4 | 18.1 | 12.5 | 21.1 | 13.4 | 21.8 |
| 5 | | | | | | | | |
| 6 | 5.5 | 2.8 | 3.3 | 2.9 | 2.4 | 4.2 | 2.4 | 4.7 |
| 7 | 0.8 | 0.6 | 0.7 | 0.5 | 0.5 | 0.8 | 0.5 | 0.9 |
| 8 | 17.0 | 11.2 | 12.7 | 10.6 | 7.5 | 14.5 | 7.5 | 17.3 |
| 9 | 1.1 | 0.7 | 0.8 | 0.4 | 0.7 | 1.1 | 0.6 | 1.1 |
| 10 | 1.1 | | | | 0.3 | 0.6 | 0.4 | 0.7 |
| 11 | 26.5 | 21.4 | 17.1 | 14.8 | 13.6 | 19.3 | 75.3 | 24.4 |
| 12/13 | | | 0.7 | 0.5 | 0.4 | 0.7 | 0.6 | 1.1 |
| 15 | 2.7 | 1.8 | 1.8 | 1.5 | 1.7 | 2.7 | 1.5 | 5.5 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 6.2 | 4.6 | 4.3 | 4.2 | 3.5 | 6.1 | 3.6 | 11.7 |
| 17 | 8.2 | 5.5 | 5.7 | 5.5 | 4.5 | 8.4 | 4.7 | 13.4 |
| 18/30 | 18.0 | 12.1 | 12.7 | 12.4 | 10.2 | 18.4 | 10.3 | 30.3 |
| 19 | 3.9 | 2.4 | 2.6 | 2.7 | 1.7 | 3.2 | 1.7 | 4.3 |
| 20/28 | 9.7 | 7.2 | 7.4 | 6.0 | 7.9 | 10.8 | 7.0 | 25.9 |
| 21/33 | 6.0 | 4.1 | 4.1 | 3.4 | 3.9 | 6.1 | 3.6 | 15.6 |
| 22 | 3.9 | 2.8 | 2.5 | 2.3 | 2.6 | 3.4 | 2.2 | 8.8 |
| 23 | 0.9 | 0.5 | 0.6 | 0.7 | | | | |
| 24 | | | | | | | | |
| 25 | 1.0 | 0.6 | 0.6 | 0.8 | 0.6 | 0.9 | 0.6 | 1.8 |
| 26/29 | 2.2 | 1.9 | 1.9 | 1.7 | 1.5 | 2.2 | 1.4 | 4.8 |
| 27 | 1.3 | 0.8 | 0.8 | | 0.8 | 1.2 | 0.7 | 1.9 |
| 31 | 8.9 | 7.3 | 7.3 | 5.5 | 6.8 | 10.2 | 6.1 | 23.7 |
| 32 | 3.9 | 2.9 | 3.1 | 2.8 | 2.5 | 4.1 | 2.5 | 8.0 |
| 34 | 0.7 | 1.5 | 2.0 | 1.9 | | | | |
| 35 | | 0.5 | | | | | | 0.4 |
| 36 | | 0.6 | 0.6 | 0.6 | | | | |
| 37 | 1.8 | 1.4 | 1.3 | 1.1 | 1.7 | 1.5 | 1.5 | 4.1 |
| 28 | | | | | | | | |
| 39 | | | | | | | | 0.4 |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 3.5 | 2.6 | 2.7 | 2.1 | 1.5 | 2.8 | 2.7 | 7.4 |
| 42 | 1.8 | 1.4 | | | 1.2 | 1.7 | 1.3 | 3.0 |
| 43/73 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 44/47/65 | 8.8 | 6.9 | 7.7 | 5.7 | 7.0 | 10.7 | 8.0 | 20.8 |
| 45 | | 1.7 | 1.6 | 1.5 | 1.9 | 2.1 | 1.4 | 4.1 |
| 46 | | | | | | | | |
| 48 | | 1.1 | | | 1.2 | 1.6 | 1.1 | 3.1 |
| 49/69 | 4.5 | 3.7 | 4.7 | 3.1 | 4.1 | 6.1 | 4.3 | 11.1 |
| 50/53 | | 1.5 | 1.4 | 1.4 | 1.4 | 1.9 | 1.3 | 2.9 |
| 52 | 4.7 | 3.8 | 5.2 | 3.3 | 11.5 | 24.4 | 16.2 | 37.3 |
| 54 | | | | | | | | |
| 55 | | | | | | | | |
| 56 | 1.3 | 1.2 | 1.2 | | 1.3 | 1.4 | 1.4 | 2.5 |
| 57 | | | | | | | | |
| 58 | | | | | | | | |
| 59/62/75 | | | | | 0.5 | 0.6 | 0.5 | 1.0 |
| 60 | | | | | 0.7 | 0.6 | 0.8 | 1.4 |
| 61/70/74/76 | 7.7 | 7.0 | 7.8 | 3.0 | | | | |
| 63 | | | | | | | | |
| 64 | 3.2 | 2.1 | 2.8 | 1.9 | 2.4 | 2.9 | 2.8 | 6.2 |
| 66 | 2.9 | 2.5 | 2.7 | 1.6 | 2.6 | 3.4 | 3.2 | 6.2 |
| 67 | | | | | | | | |
| 68 | | | | | | | | |
| 72 | | | | | 6.1 | 11.0 | 9.1 | 19.1 |
| 77 | | | | | | | | |
| 78 | | | | | | | | |
| 79 | | | | | | | | |
| 80 | | | | | | | | |
| 81 | | | | | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | | | | | 0.6 | 1.2 | 1.1 | 1.8 |
| 83/99 | 3.7 | 3.4 | 3.8 | 2.1 | 3.2 | 7.0 | 5.5 | 12.8 |
| 84 | 3.0 | 2.7 | 3.3 | 1.6 | 2.0 | 5.1 | 3.9 | 9.3 |
| 85/116/117 | 1.3 | 0.9 | | 0.9 | 1.1 | 1.9 | 1.4 | 2.0 |
| 86/87/97/109/119/ | 4.1 | 2.5 | 4.2 | 2.6 | 1.1 | 2.5 | 2.5 | 15.0 |
| 88/91 | 1.0 | 1.0 | 1.3 | | 0.9 | 2.0 | 1.7 | 3.7 |
| 89 | | | | | | | | |
| 90/101/113 | 7.7 | 7.4 | 8.2 | 4.5 | 5.7 | 13.9 | 11.9 | 24.3 |
| 92 | 1.5 | 1.3 | 1.6 | 0.9 | 1.1 | 2.5 | 2.1 | 4.6 |
| 93/100 | | | | | | | | |
| 94 | | | | | | | | |
| 95 | 9.9 | 8.8 | 10.9 | 6.1 | 6.8 | 18.5 | 14.1 | 31.5 |
| 96 | | | | | | | | 0.4 |
| 98/102 | | | | | | 0.6 | | 0.7 |
| 103 | | | | | | | | |
| 104 | | | | | | | | |
| 105 | | 0.7 | 0.6 | | 0.8 | 1.5 | 1.7 | 2.8 |
| 106 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 107/123 | | | | | 0.5 | | | |
| 108/124 | | | | | | | | |
| 110/115 | 5.3 | 5.5 | 5.6 | 3.5 | 4.8 | 11.4 | 11.5 | 20.6 |
| 111 | | | | | | | | |
| 112 | | | | | | | | |
| 114 | | | | | | | | 9.0 |
| 118 | 2.5 | 2.2 | 1.9 | 1.3 | 2.4 | 5.0 | 5.6 | 0.5 |
| 120 | | | | | | | | |
| 121 | | | | | | | | |
| 122 | | | | | | | | 0.7 |
| 126 | | | | | 0.4 | 0.5 | 0.4 | |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 2.7 | 2.4 | 1.8 | 1.8 | 2.6 | 3.3 | 4.2 | 6.4 |
| 130 | | | | | | | | |
| 131 | | | | | | | | |
| 132 | | 1.2 | | | 1.2 | 2.1 | 2.3 | 3.8 |
| 133 | | | | | | | | |
| 134/143 | | | | | | | | 0.7 |
| 135/151 | 1.9 | 2.3 | 1.5 | | 1.6 | 2.1 | 2.4 | 3.4 |
| 136 | 1.4 | 1.0 | 1.1 | 1.5 | 0.8 | 1.5 | 1.3 | 2.7 |
| 137/164 | | | | | | | | 0.7 |
| 139/140 | | | | | | | | |
| 141 | | | | | | | | 1.1 |
| 142 | | | | | | | | |
| 144 | | | | | | | | 0.6 |
| 145 | | | | | | | | |
| 146 | | | | | | 3.9 | 4.5 | 7.0 |
| 147/149 | 4.1 | 3.8 | 3.4 | | 3.0 | 5.0 | 5.0 | 8.6 |
| 148 | | | | | | | | |
| 150 | | | | | | | | |
| 152 | | | | | | | | |
| 153/168 | 2.3 | 2.8 | 1.8 | 1.7 | 2.2 | | | |
| 154 | | | | | | | | |
| 155 | | | | | | | | |
| 156/157 | | | | | | | | |
| 158 | | | | | | | | 0.8 |
| 159 | | | | | | | | |
| 160 | | | | | | | | |
| 161 | | | | | | | | |
| 162 | | | | | | | | |
| 165 | | | | | | | | 0.7 |
| 167 | | | | | | | | |
| 169 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Heptachlorobiphenyls | | | | | | | | |
| 170 | | | | | | | | |
| 171/173 | | | | | | | | |
| 172 | | | | | | | | |
| 174 | | | | | 0.8 | | | |
| 175 | | | | | | | | |
| 176 | | | | | | | | |
| 177 | | | | | | | | |
| 178 | | | | | | | | |
| 179 | | | | | | | | |
| 180/193 | | 1.2 | | | 1.4 | 0.6 | 0.6 | 0.5 |
| 181 | | | | | | | | |
| 182 | | | | | | | | |
| 183/185 | | | | | 0.6 | | | |
| 184 | | | | | | | | |
| 186 | | | | | | | | |
| 187 | | 1.8 | | | 1.8 | 0.7 | 0.7 | |
| 188 | | | | | 0.8 | 0.4 | 0.5 | 0.4 |
| 189 | | | | | | | | |
| 190 | | | | | | | | |
| 191 | | | | | | | | |
| 192 | | | | | | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | | | | | | | | |
| 195 | | | | | | | | |
| 196 | | | | | | | | |
| 197 | | | | | | | | |
| 198/199 | | | | | 1.1 | | | |
| 200 | | | | | | | | |
| 201 | | | | | | | | |
| 202 | | | | | 0.6 | | | |
| 203 | | | | | 0.7 | | | |
| 205 | | | | | | | | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | | | | | | | | |
| 207 | | | | | | | | |
| 208 | | | | | | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | | | | | | | | |
| Recoveries | | | | | | | | |
| 14 | 81% | 75% | 84% | 86% | 84% | 87% | 85% | 87% |
| d-65/65 | 89% | 81% | 88% | 89% | 92% | 93% | 92% | 93% |
| 166 | 83% | 78% | 90% | 95% | 87% | 86% | 88% | 92% |

| Batch I.D. | 0123-09 | 0124-01 | 0124-04 | 0124-06 | 0124-08 | 0125-01 | 0125-04 | 0125-06 |
|---|---|---|---|---|---|---|---|---|
| Sample I.D. | 6102114Y R2 | 6102314Y R2 | 6102514Y R2 | 6102714Y R2 | 6102914Y R2 | 6103737P 02272010 | 6103516P 02272010 | 6103316P 03012010 |
| Deployment Date | 8/2/2009 | 8/15/2009 | 8/15/2009 | 8/15/2009 | 8/24/2009 | 11/21/200 | 11/28/200 | 11/17/200 |
| Collection Date | 11/18/200 | 11/21/2009 | 11/17/200 | 11/18/200 | 11/24/2009 | 2/27/2010 | 2/27/2010 | 3/1/2010 |
| Monochlorobiphenyls | | | | | | | | |
| 1 | 0.8 | 1.1 | 1.6 | 2.1 | 4.1 | 0.9 | 1.0 | 3.4 |
| 2 | 0.4 | 0.4 | 0.5 | 0.7 | 0.9 | 0.9 | 0.7 | 1.2 |
| 3 | 6.0 | 5.0 | 4.9 | 7.4 | 35.3 | 5.7 | 4.1 | 5.4 |
| Dichlorobiphenyls | | | | | | | | |
| 4 | 15.1 | 16.1 | 12.7 | 22.4 | 130.7 | 6.9 | 4.4 | 10.3 |
| 5 | | | | | | 0.5 | | |
| 6 | 2.0 | 2.4 | 2.9 | 4.0 | 12.0 | 3.3 | 1.6 | 3.5 |
| 7 | 0.4 | 0.4 | 0.7 | 0.7 | 1.9 | 0.9 | 0.4 | 0.4 |
| 8 | 6.1 | 8.0 | 9.6 | 13.4 | 46.1 | 12.1 | 5.5 | 12.0 |
| 9 | 0.4 | 0.7 | 0.7 | 1.0 | 2.4 | 1.3 | 0.7 | 1.3 |
| 10 | 0.5 | 0.6 | 0.4 | 0.6 | 4.1 | | | |
| 11 | 12.1 | 13.5 | 26.9 | 22.6 | 26.7 | 29.9 | 8.9 | 15.8 |
| 12/13 | 0.4 | 0.6 | 0.8 | 0.7 | 1.1 | 1.4 | 0.4 | 0.6 |
| 15 | 1.3 | 2.0 | 2.1 | 3.2 | 4.6 | 4.0 | 1.1 | 2.4 |
| Trichlorobiphenyls | | | | | | | | |
| 16 | 3.4 | 4.4 | 4.7 | 7.7 | 20.1 | 7.0 | 2.1 | 5.4 |
| 17 | 4.4 | 5.4 | 6.4 | 10.1 | 32.8 | 7.6 | 2.8 | 7.2 |
| 18/30 | 10.0 | 12.8 | 13.1 | 21.1 | 73.7 | 17.0 | 6.3 | 15.3 |
| 19 | 1.9 | 2.2 | 2.2 | 2.6 | 14.9 | 2.0 | 0.9 | 2.2 |
| 20/28 | 6.7 | 8.1 | 10.3 | 16.0 | 22.2 | 15.1 | 4.3 | 9.9 |
| 21/33 | 3.4 | 4.6 | 6.0 | 9.2 | 10.5 | 8.6 | 2.5 | 5.6 |
| 22 | 2.1 | 2.8 | 3.9 | 5.4 | 5.6 | 5.6 | 1.5 | 3.2 |
| 23 | | 0.3 | | | | 1.2 | | |
| 24 | | | | | | | | |
| 25 | 0.5 | 0.6 | 0.8 | 1.2 | 1.5 | 1.1 | 0.4 | 0.8 |
| 26/29 | 1.2 | 1.9 | 2.3 | 2.9 | 4.6 | 3.0 | 0.9 | 2.3 |
| 27 | 0.7 | 0.9 | 0.9 | 1.6 | 4.3 | 1.4 | | 1.1 |
| 31 | 6.0 | 7.7 | 9.1 | 14.1 | 21.3 | 13.4 | 4.1 | 11.2 |
| 32 | 2.4 | 3.1 | 3.5 | 5.1 | 12.8 | 4.5 | 1.5 | 3.6 |
| 34 | | | | | | | | |
| 35 | 1.3 | | | | | | | |
| 36 | | | | | | | | |
| 37 | 0.8 | 2.1 | 2.6 | 2.7 | 2.3 | 2.8 | 0.8 | 1.6 |
| 28 | | | | | | | | |
| 39 | | 0.3 | | | | | | |
| Tetrachlorobiphenyls | | | | | | | | |
| 40/41/71 | 2.6 | 3.1 | 3.3 | 4.2 | 6.5 | 4.6 | 3.8 | 14.9 |
| 42 | 1.3 | 1.4 | 1.4 | 2.1 | 2.9 | 2.2 | 2.2 | 6.1 |
| 43/73 | | | | | 0.3 | 27.3 | 12.4 | 128.1 |

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|---|---|---|---|---|---|---|---|---|
| 44/47/65 | 6.5 | 7.6 | 7.4 | 11.2 | 23.4 | 13.8 | 6.8 | 42.1 |
| 45 | 1.7 | 1.6 | 1.5 | 2.3 | 5.4 | 3.0 | | 1.5 |
| 46 | | | | | 1.6 | | | |
| 48 | 1.1 | 1.2 | 1.2 | 1.8 | 3.9 | 2.2 | | 2.9 |
| 49/69 | 3.6 | 4.6 | 4.6 | 6.5 | 13.8 | 7.9 | 3.2 | 23.6 |
| 50/53 | 1.2 | 1.3 | 1.5 | 1.8 | 4.4 | 2.4 | | 5.4 |
| 52 | 11.2 | 16.4 | 16.6 | 23.9 | 65.5 | 27.3 | 12.4 | 128.1 |
| 54 | | | | | | | | |
| 55 | | | | | | | | |
| 56 | 1.2 | 1.6 | 1.1 | 1.8 | 3.3 | | | |
| 57 | | | | | | 2.3 | | 1.1 |
| 58 | | | | | | 1.5 | | |
| 59/62/75 | 0.4 | | | 0.7 | 1.0 | 1.0 | 1.1 | 2.8 |
| 60 | 0.6 | 1.0 | 1.1 | 1.2 | 1.6 | | | |
| 61/70/74/76 | | 7.8 | 8.1 | 11.1 | 28.8 | | | |
| 63 | | | | | | | | |
| 64 | 2.3 | 2.6 | 2.6 | 3.6 | 7.1 | 4.6 | 1.6 | 28.5 |
| 66 | 2.5 | 3.3 | 2.9 | 4.5 | 8.7 | | | |
| 67 | | | | | | | | |
| 68 | | | | | | 4.7 | | 2.2 |
| 72 | 6.3 | | | | | 13.5 | 1.4 | 7.5 |
| 77 | | | | | | | | |
| 78 | | | | | | | | |
| 79 | | | | | | | | |
| 80 | | | | | | | | |
| 81 | | | | | | | | |
| Pentachlorobiphenyls | | | | | | | | |
| 82 | 0.6 | 0.9 | | | 3.4 | 1.1 | | 1.3 |
| 83/99 | 3.2 | 3.9 | 4.1 | 4.7 | 18.9 | 5.2 | 2.5 | 13.3 |
| 84 | 2.2 | 2.6 | 2.6 | 3.1 | 12.9 | 3.8 | 1.9 | 12.9 |
| 85/116/117 | 1.4 | 1.5 | 1.5 | 1.5 | 4.6 | 1.4 | | 2.6 |
| 86/87/97/109/119/ | 1.6 | 1.6 | 1.8 | 5.2 | 25.1 | 2.1 | 2.6 | 7.7 |
| 88/91 | 0.9 | 1.5 | 1.4 | 1.5 | 5.7 | 2.7 | 1.3 | 10.2 |
| 89 | | | | | | | | |
| 90/101/113 | 6.5 | 7.9 | 8.2 | 9.0 | 40.2 | 12.3 | 4.4 | 28.8 |
| 92 | 1.2 | 1.5 | 1.6 | 1.6 | 7.0 | 2.1 | 0.9 | 6.1 |
| 93/100 | | | | | | | | |
| 94 | | | | | | 16.7 | 7.0 | 63.3 |
| 95 | 8.1 | 10.3 | 10.6 | 11.8 | 43.8 | | | 0.9 |
| 96 | | | | | | | | 1.3 |
| 98/102 | | | | | 1.3 | | | |
| 103 | | | | | | | | |
| 104 | | | | | | | | |
| 105 | 0.6 | 1.1 | 0.9 | 0.9 | 5.3 | 1.1 | | 0.9 |
| 106 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 107/123 | | | | | 1.5 | | | |
| 108/124 | | | | | 1.0 | | | |
| 110/115 | 5.2 | 6.7 | 6.5 | 6.3 | 34.4 | 8.0 | 2.8 | 13.3 |
| 111 | | | | | | | | |
| 112 | | | | | | | | |
| 114 | | | | | | | | |
| 118 | 2.3 | 3.4 | 2.9 | 2.8 | 16.8 | 3.4 | 1.1 | 3.2 |
| 120 | | | | | | | | |
| 121 | | | | | | | | |
| 122 | | | | | | | | |
| 126 | 0.5 | 0.6 | | | | | | |
| 127 | | | | | | | | |
| Hexachlorobiphenyls | | | | | | | | |
| 129/138/163 | 2.1 | 2.2 | 1.7 | 1.0 | 8.9 | 2.0 | 0.5 | 1.0 |
| 130 | | | | | 0.8 | | | |
| 131 | | | | | | | | |
| 132 | 0.9 | 1.5 | 1.2 | 1.2 | 6.5 | 1.1 | | 1.4 |
| 133 | | | | | | | | |
| 134/143 | | | | | 1.6 | | | |
| 135/151 | 1.3 | 1.7 | 1.5 | 1.3 | 7.0 | 3.2 | | 2.8 |
| 136 | 0.9 | 1.0 | 1.0 | 0.8 | 4.0 | 1.6 | | 3.1 |
| 137/164 | | | | | 2.2 | | | |
| 139/140 | | | | | | | | |
| 141 | | | | | 2.3 | 0.7 | | |
| 142 | | | | | | | | |
| 144 | | | | | 1.0 | | | |
| 145 | | | | | | | | |
| 146 | 2.6 | | | | 2.0 | | | |
| 147/149 | 2.9 | 4.2 | 3.3 | 3.1 | 15.4 | 5.3 | 0.9 | 5.0 |
| 148 | | | | | | | | |
| 150 | | | | | | | | |
| 152 | | | | | | | | |
| 153/168 | | 2.7 | 2.2 | 1.6 | 9.9 | 3.5 | | 1.6 |
| 154 | | | | | | | | |
| 155 | | | | | | | | |
| 156/157 | | | | | | | | |
| 158 | | | | | 1.3 | | | |
| 159 | | | | | | | | |
| 160 | | | | | | | | |
| 161 | | | | | | | | |
| 162 | | | | | | | | |
| 165 | | | | | | | | |
| 167 | | | | | | | | |
| 169 | | | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Heptachlorobiphenyls | | | | | | | | |
| 170 | | | | | | | | |
| 171/173 | | | | | | | | |
| 172 | | | | | | | | |
| 174 | | 0.9 | | | 1.0 | | | |
| 175 | | | | | | | | |
| 176 | | | | | | | | |
| 177 | | | | | | | | |
| 178 | | | | | | | | |
| 179 | | | | | | | | |
| 180/193 | 0.9 | 1.6 | 0.7 | | 1.3 | 0.8 | | |
| 181 | | | | | | | | |
| 182 | | | | | | | | |
| 183/185 | | 1.1 | | | 0.8 | | | |
| 184 | | | | | | | | |
| 186 | | | | | | | | |
| 187 | 1.3 | 2.5 | 0.8 | 0.8 | 1.8 | 1.2 | | |
| 188 | 0.7 | 1.0 | | | 1.0 | 0.8 | | |
| 189 | | | | | | | | |
| 190 | | | | | | | | |
| 191 | | | | | | | | |
| 192 | | | | | | | | |
| Octachlorobiphenyls | | | | | | | | |
| 194 | | | | | | | | |
| 195 | | | | | | | | |
| 196 | | | | | | | | |
| 197 | | | | | | | | |
| 198/199 | 0.8 | 1.5 | | | 0.7 | | | |
| 200 | | | | | | | | |
| 201 | | | | | | | | |
| 202 | | 0.8 | | | | | | |
| 203 | | 0.8 | | | | | | |
| 205 | | | | | | | | |
| Nonachlorobiphenyls | | | | | | | | |
| 206 | | | | | | | | |
| 207 | | | | | | | | |
| 208 | | | | | | | | |
| Decachlorobiphenyls | | | | | | | | |
| 209 | | | | | | | | |
| Recoveries | | | | | | | | |
| 14 | 85% | 73% | 54% | 58% | 83% | 84% | 77% | 77% |
| d-65/65 | 90% | 79% | 62% | 67% | 89% | 80% | 68% | 70% |
| 166 | 88% | 84% | 66% | 68% | 94% | 83% | 74% | 74% |

| Batch I.D. | 0125-08 | 0125-10 | 0126-02 | 0126-04 | 0126-06 |
|---|---|---|---|---|---|
| Sample I.D. | 6102716P 02222010 | 6102916P0 2272010 | 6102316P 02272010 | 6101916P 02222010 | 6104316P0 2272010 |
| Deployment Date | 11/17/200 | 11/24/2009 | 11/21/200 | 11/23/200 | 11/21/2009 |
| Collection Date | 2/22/2010 | 2/27/2010 | 2/27/2010 | 2/22/2010 | 2/27/2010 |
| Monochlorobiphenyls | | | | | |
| 1 | 2.5 | 2.5 | 2.0 | 4.8 | 1.8 |
| 2 | 0.9 | 0.8 | 0.6 | 1.1 | 0.6 |
| 3 | 5.5 | 4.3 | 7.2 | 9.8 | 4.9 |
| Dichlorobiphenyls | | | | | |
| 4 | 6.1 | 5.5 | 4.4 | 6.6 | 5.4 |
| 5 | | | | | |
| 6 | 2.5 | 2.4 | 3.1 | 3.1 | 2.4 |
| 7 | 0.5 | 0.6 | 0.6 | 0.9 | 0.6 |
| 8 | 8.6 | 7.5 | 9.9 | 12.3 | 9.4 |
| 9 | 0.8 | 0.9 | 0.8 | 1.1 | 0.8 |
| 10 | | | | 0.3 | |
| 11 | 13.6 | 15.3 | 20.8 | 12.6 | 8.4 |
| 12/13 | 0.6 | 0.5 | 0.9 | 0.6 | 0.4 |
| 15 | 1.7 | 1.9 | 2.3 | 1.9 | 1.6 |
| Trichlorobiphenyls | | | | | |
| 16 | 4.1 | 3.3 | 5.2 | 3.9 | 3.0 |
| 17 | 5.4 | 4.5 | 5.2 | 4.4 | 3.7 |
| 18/30 | 11.1 | 9.3 | 11.8 | 9.7 | 8.5 |
| 19 | 1.3 | 1.3 | 1.3 | 1.4 | 1.1 |
| 20/28 | 8.3 | 9.1 | 10.0 | 5.8 | 5.3 |
| 21/33 | 4.7 | 4.8 | 6.1 | 3.7 | 3.3 |
| 22 | 2.9 | 3.0 | 3.6 | 2.0 | 1.6 |
| 23 | 0.7 | 0.7 | | 0.4 | 0.6 |
| 24 | | | | | |
| 25 | 0.6 | 0.6 | 0.7 | 0.6 | 0.5 |
| 26/29 | 1.8 | 1.5 | 2.1 | 1.4 | 1.3 |
| 27 | 0.8 | 0.6 | 0.7 | 0.6 | 0.7 |
| 31 | 8.2 | 8.3 | 10.5 | 6.5 | 5.0 |
| 32 | 2.6 | 2.7 | 3.0 | 2.4 | 2.0 |
| 34 | | | | | |
| 35 | | | | | |
| 36 | | | | | |
| 37 | 1.5 | 1.9 | 2.1 | 1.0 | 0.9 |
| 28 | | | | | |
| 39 | | | | | |
| Tetrachlorobiphenyls | | | | | |
| 40/41/71 | 5.6 | 5.2 | 2.9 | 1.7 | 1.0 |
| 42 | 2.8 | 2.8 | 1.5 | 1.2 | |
| 43/73 | 45.1 | 32.3 | 4.7 | 6.0 | 2.5 |

| | | | | | |
|---|---|---|---|---|---|
| 44/47/65 | 15.5 | 12.2 | 10.3 | 11.8 | 5.1 |
| 45 | 2.0 | 1.6 | 2.0 | 1.2 | 1.0 |
| 46 | | | | | |
| 48 | 1.5 | 1.4 | 1.4 | 1.0 | |
| 49/69 | 9.3 | 7.6 | | | |
| 50/53 | 2.9 | 1.8 | 1.6 | 2.0 | |
| 52 | 45.1 | 32.3 | 22.6 | 35.9 | 12.1 |
| 54 | | | | | |
| 55 | | | | | |
| 56 | | | 1.7 | 0.8 | |
| 57 | | 1.1 | | | |
| 58 | | | | | |
| 59/62/75 | 1.3 | 1.2 | 0.5 | | |
| 60 | | | 1.0 | | |
| 61/70/74/76 | | | 9.9 | 7.7 | 4.2 |
| 63 | | | | | |
| 64 | 9.1 | 12.9 | 2.9 | 2.8 | 1.6 |
| 66 | | | 3.6 | 1.9 | 1.3 |
| 67 | | | | | |
| 68 | 1.0 | 1.7 | | | |
| 72 | 2.8 | 4.8 | | | |
| 77 | | | | | |
| 78 | | | | | |
| 79 | | | | | |
| 80 | | | | | |
| 81 | | | | | |
| Pentachlorobiphenyls | | | | | |
| 82 | | | 0.8 | 0.5 | |
| 83/99 | 4.0 | 5.7 | 4.2 | 3.3 | 1.8 |
| 84 | 4.5 | 4.6 | 3.3 | 3.9 | 1.4 |
| 85/116/117 | 1.4 | 1.8 | 3.1 | 1.3 | |
| 86/87/97/109/119/ | 4.3 | 4.3 | 1.9 | 4.1 | 1.4 |
| 88/91 | 3.2 | 3.1 | 1.2 | 1.5 | 0.7 |
| 89 | | | | | |
| 90/101/113 | 8.7 | 12.3 | 8.7 | 7.9 | 3.8 |
| 92 | 2.0 | 2.2 | 1.7 | 1.7 | 0.8 |
| 93/100 | | | | | |
| 94 | 20.5 | 17.7 | | | |
| 95 | | | 11.6 | 15.3 | 5.9 |
| 96 | | | | | |
| 98/102 | | | | 0.5 | |
| 103 | | | | | |
| 104 | | | | | |
| 105 | | 1.5 | 1.2 | 0.5 | |
| 106 | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| 107/123 | | | | | |
| 108/124 | | | | | |
| 110/115 | 4.4 | 8.1 | 6.8 | 4.9 | 2.4 |
| 111 | | | | | |
| 112 | | | | | |
| 114 | | | | | |
| 118 | 1.3 | 3.6 | 3.7 | 1.5 | 1.0 |
| 120 | | | | | |
| 121 | | | | | |
| 122 | | | | | |
| 126 | | | 0.5 | 0.4 | 0.5 |
| 127 | | | | | |
| Hexachlorobiphenyls | | | | | |
| 129/138/163 | 0.5 | 1.5 | 2.5 | 0.9 | 0.7 |
| 130 | | | | | |
| 131 | | | | | |
| 132 | | 1.3 | 1.4 | 0.6 | |
| 133 | | | | | |
| 134/143 | | | | | |
| 135/151 | 1.3 | 1.5 | 1.5 | 1.0 | |
| 136 | 1.2 | 1.2 | | | |
| 137/164 | | | | | |
| 139/140 | | | | | |
| 141 | | | 0.6 | | |
| 142 | | | | | |
| 144 | | | | | |
| 145 | | | | | |
| 146 | | | | | |
| 147/149 | 1.9 | 2.7 | 3.1 | 1.9 | 1.1 |
| 148 | | | | | |
| 150 | | | | | |
| 152 | | | | | |
| 153/168 | 0.6 | 1.5 | 2.0 | 0.8 | 0.7 |
| 154 | | | | | |
| 155 | | | 0.9 | 0.9 | |
| 156/157 | | | | | |
| 158 | | | | | |
| 159 | | | | | |
| 160 | | | | | |
| 161 | | | | | |
| 162 | | | | | |
| 165 | | | | | |
| 167 | | | | | |
| 169 | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| Heptachlorobiphenyls | | | | | |
| 170 | | | | | |
| 171/173 | | | | | |
| 172 | | | | | |
| 174 | | | | | |
| 175 | | | | | |
| 176 | | | | | |
| 177 | | | | | |
| 178 | | | | | |
| 179 | | | | | |
| 180/193 | | | 0.5 | | |
| 181 | | | | | |
| 182 | | | | | |
| 183/185 | | | | | |
| 184 | | | | | |
| 186 | | | | | |
| 187 | | | 0.6 | | |
| 188 | | | | | |
| 189 | | | | | |
| 190 | | | | | |
| 191 | | | | | |
| 192 | | | | | |
| Octachlorobiphenyls | | | | | |
| 194 | | | | | |
| 195 | | | | | |
| 196 | | | | | |
| 197 | | | | | |
| 198/199 | | | | | |
| 200 | | | | | |
| 201 | | | | | |
| 202 | | | | | |
| 203 | | | | | |
| 205 | | | | | |
| Nonachlorobiphenyls | | | | | |
| 206 | | | | | |
| 207 | | | | | |
| 208 | | | | | |
| Decachlorobiphenyls | | | | | |
| 209 | | | | | |
| Recoveries | | | | | |
| 14 | 83% | 80% | 88% | 84% | 91% |
| d-65/65 | 76% | 77% | 97% | 88% | 95% |
| 166 | 83% | 80% | 96% | 88% | 96% |

| Batch I.D. | 0126-08 | 0127-02 | 0127-04 | 0127-05 | 0127-08 |
|---|---|---|---|---|---|
| Sample I.D. | 6110713P 03032010 | 6109613P0 3032010 | 6109113P 03032010 | 6104715P 03222010 | 6108919P0 1272010 |
| Deployment Date | 11/14/200 | 10/29/2010 | 10/26/200 | 12/26/200 | 9/18/2009 |
| Collection Date | 3/3/2010 | 3/3/2010 | 3/3/2010 | 3/22/2010 | 1/27/2010 |
| Monochlorobiphenyls | | | | | |
| 1 | 2.3 | 2.2 | 3.1 | 1.6 | 2.7 |
| 2 | 0.7 | 0.8 | 0.9 | 0.6 | 0.9 |
| 3 | 6.8 | 10.5 | 7.3 | 3.7 | 6.1 |
| Dichlorobiphenyls | | | | | |
| 4 | 4.2 | 5.0 | 8.9 | 5.0 | 4.7 |
| 5 | | | 0.5 | 0.4 | |
| 6 | 3.2 | 2.3 | 5.0 | 3.5 | 2.6 |
| 7 | 0.6 | 0.7 | 1.1 | 0.8 | 0.7 |
| 8 | 13.6 | 8.7 | 17.1 | 15.7 | 9.1 |
| 9 | 0.9 | 0.8 | 1.2 | 1.0 | 0.9 |
| 10 | | | | | |
| 11 | 21.2 | 13.4 | 29.4 | 49.8 | 12.8 |
| 12/13 | 1.3 | 0.7 | 1.3 | 1.3 | 0.9 |
| 15 | 6.0 | 2.1 | 4.4 | 5.7 | 2.5 |
| Trichlorobiphenyls | | | | | |
| 16 | 10.9 | 4.2 | 7.2 | 10.3 | 4.3 |
| 17 | 9.1 | 4.4 | 7.7 | 9.9 | 4.8 |
| 18/30 | 21.8 | 9.7 | 16.6 | 21.6 | 10.2 |
| 19 | 1.8 | 1.3 | 2.2 | 2.1 | 1.4 |
| 20/28 | 31.0 | 7.4 | 12.8 | 24.6 | 8.7 |
| 21/33 | 20.8 | 4.0 | 8.5 | 15.6 | 5.1 |
| 22 | 12.2 | 2.7 | 4.7 | 8.4 | 3.0 |
| 23 | 1.0 | 0.6 | 1.2 | | 0.5 |
| 24 | | | | | |
| 25 | 1.7 | 0.7 | 1.1 | 1.8 | 0.9 |
| 26/29 | 5.0 | 1.8 | 3.2 | 4.5 | 1.9 |
| 27 | 1.4 | 0.7 | 1.0 | 1.5 | 0.6 |
| 31 | 33.0 | 7.4 | 12.8 | 23.1 | 8.6 |
| 32 | 7.0 | 2.7 | 4.4 | 6.8 | 3.1 |
| 34 | | 2.4 | 3.3 | 1.2 | 1.6 |
| 35 | | | | 0.6 | |
| 36 | | | | | |
| 37 | 6.9 | 1.5 | 2.1 | 5.4 | 1.7 |
| 28 | | | | | |
| 39 | 0.4 | 0.6 | 0.9 | 0.6 | 0.5 |
| Tetrachlorobiphenyls | | | | | |
| 40/41/71 | 14.5 | 3.0 | 3.6 | 7.3 | 2.3 |
| 42 | 8.2 | 1.4 | 2.0 | 4.1 | 1.2 |
| 43/73 | 20.1 | | | | |

| | | | | | |
|---|---|---|---|---|---|
| 44/47/65 | 40.8 | 12.0 | 15.7 | 22.4 | 6.3 |
| 45 | 6.4 | 1.9 | 4.0 | 4.4 | 1.5 |
| 46 | 1.9 | | | 1.1 | |
| 48 | 6.7 | 1.3 | 1.7 | 3.5 | 1.2 |
| 49/69 | | 6.5 | 8.6 | 11.4 | 4.1 |
| 50/53 | 5.2 | 1.9 | 2.6 | 2.9 | 1.3 |
| 52 | 74.4 | 32.0 | 37.8 | 37.3 | 13.2 |
| 54 | | | | | |
| 55 | | | | | |
| 56 | 10.1 | | 1.5 | 4.0 | 1.2 |
| 57 | | | | | |
| 58 | | | | | |
| 59/62/75 | 2.4 | | 0.7 | 1.4 | |
| 60 | 5.8 | | 0.8 | 2.3 | |
| 61/70/74/76 | 57.2 | 7.5 | 10.9 | 20.6 | 5.8 |
| 63 | 1.1 | | | | |
| 64 | 15.1 | 2.9 | 4.4 | 6.9 | 2.2 |
| 66 | 22.4 | 2.4 | 4.1 | 8.5 | 2.0 |
| 67 | | | | | |
| 68 | | | 0.8 | | |
| 72 | | | | | |
| 77 | 0.7 | | | | |
| 78 | | | | | |
| 79 | | | | | |
| 80 | | | | | |
| 81 | | | | | |
| Pentachlorobiphenyls | | | | | |
| 82 | 3.9 | | 0.7 | 1.1 | |
| 83/99 | 21.8 | 2.9 | 3.7 | 6.9 | 2.0 |
| 84 | 14.8 | 3.5 | 4.1 | 5.0 | 1.5 |
| 85/116/117 | 6.5 | 0.9 | 0.7 | 1.5 | 0.8 |
| 86/87/97/109/119/ | 27.0 | 2.3 | 2.9 | 5.8 | 2.6 |
| 88/91 | 5.8 | 1.4 | 1.5 | 2.1 | 0.7 |
| 89 | 0.6 | | | | |
| 90/101/113 | 43.4 | 7.3 | 9.8 | 15.8 | 4.3 |
| 92 | 7.8 | 1.5 | 1.9 | 2.8 | 0.8 |
| 93/100 | | | | | |
| 94 | | | | | |
| 95 | 45.7 | 14.1 | 15.6 | 18.7 | 6.1 |
| 96 | 0.5 | | | | |
| 98/102 | 1.6 | | | | |
| 103 | | | | | |
| 104 | | | | | |
| 105 | 5.8 | 0.5 | 0.7 | 1.5 | 0.6 |
| 106 | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| 107/123 | 1.8 | | | | |
| 108/124 | 0.8 | | | | |
| 110/115 | 36.6 | 4.7 | 6.3 | 10.2 | 3.4 |
| 111 | | | | | |
| 112 | | | | | |
| 114 | 0.5 | | | | |
| 118 | 19.2 | 1.8 | 2.6 | 4.4 | 1.0 |
| 120 | | | | | |
| 121 | | | | | |
| 122 | | | | | |
| 126 | 0.9 | 0.4 | 0.5 | 0.6 | 0.5 |
| 127 | | | | | |
| Hexachlorobiphenyls | | | | | |
| 129/138/163 | 14.6 | 1.3 | 1.5 | 2.9 | 1.4 |
| 130 | 0.8 | | | | |
| 131 | | | | | |
| 132 | 6.2 | | 0.7 | 1.5 | 0.5 |
| 133 | | | | | |
| 134/143 | 1.2 | | | | |
| 135/151 | 8.6 | 1.0 | 1.0 | 2.6 | 0.9 |
| 136 | | 0.9 | 0.8 | 1.5 | |
| 137/164 | 1.5 | | | | |
| 139/140 | | | | | |
| 141 | 3.5 | | | 0.8 | |
| 142 | | | | | |
| 144 | 1.5 | | | | |
| 145 | | | | | |
| 146 | 2.0 | | | 0.5 | |
| 147/149 | 18.2 | 2.1 | 2.3 | 5.0 | 1.7 |
| 148 | | | | | |
| 150 | | | | | |
| 152 | | | | | |
| 153/168 | 14.6 | 1.2 | 1.3 | 3.1 | 1.2 |
| 154 | | | | | |
| 155 | 4.1 | | | | |
| 156/157 | | | | | |
| 158 | 1.4 | | | | |
| 159 | | | | | |
| 160 | | | | | |
| 161 | | | | | |
| 162 | | | | | |
| 165 | | | | | |
| 167 | | | | | |
| 169 | | | | | |