

**150 Windsor Street  
Hartford, Connecticut**

## **Supplemental Hazardous Building Materials Assessment**

Prepared For:

Capitol Region Council of Governments

September 2016

12-1077-6  
September 21, 2016

Mary Ellen Kowalewski  
Director of Policy and Planning  
Capitol Region Council of Governments  
241 Main Street  
Hartford, CT 06106

Re: **Supplemental Hazardous Building Material Assessment Report  
150 Windsor Street  
Hartford, CT**

Dear Ms. Kowalewski:

In accordance with our proposal dated October 15, 2015, Tighe & Bond has completed a Supplemental Hazardous Materials Building Materials Assessment (HBMA) and universal waste inventory within the building located at 150 Windsor Street in Hartford, Connecticut. It is our understanding that the Supplemental HBMA was requested to support proposed demolition of the building. Tighe & Bond used previous reports for reference including the Asbestos, Lead, PCB and Mercury Inspection report by Smith & Wessel Associates, Inc. dated June 3, 2015, (Asbestos) Site Inspection Summary performed by Con-Test, Inc. in August 1991, and the Asbestos Hazard Assessment report by ATC Associates, Inc. dated October 22, 2002. Previously sampled materials that were observed to be homogenous were documented but not sampled during Tighe & Bond's assessments.

## **Background**

The site is owned by the City of Hartford (City) and improved with a five-story 254,000 square foot concrete building constructed circa 1968 to 1971. There is also a two story parking garage located beneath the building. The site has been vacant since 2008, but was formerly occupied by Fleet Bank Data Center. It is our understanding that the on-site building is slated for demolition to facilitate redevelopment of the site.

The penthouse of the building is used as the buildings mechanical room and houses the mechanical components of the buildings central HVAC system. Floors one through three are heated by electrical hot water forced hot air in a closed loop system. The fourth floor is heated with electrical radiant heat. Each office level has a return plenum between the suspended ceiling and the corrugated metal decking. The penthouse area acts as a common return plenum for the entire building. Spray-Applied fireproofing was previously observed on the exposed structural beams located in the penthouse. Ductwork and pipe straightaway insulation was reported to be fiberglass. Cementitious pipe joints were previously reported to contain asbestos.

Asbestos containing spray-applied fireproofing has been reported on each of the structural beams located above the suspended ceilings on each floor. Overspray of this fireproofing was also observed on metal decking and ductwork in multiple areas. Pipework including asbestos fittings were not observed above the ceilings and has previously been reported to be contained inside the permanent walls of the building.

## Assessment Summary

The Supplemental HBMA was conducted in accordance with U.S. Environmental Protection Agency (EPA) National Emissions Standard for Hazardous Air Pollutants Act (NESHAP). The assessment included review of previous reports, sampling of suspect asbestos containing materials (ACM), lead-based paint (LBP) assessment review, and assessment of suspect Polychlorinated Biphenyls (PCBs) source materials. In addition, a visual assessment for universal wastes was performed, including PCBs, di-(2-ethylhexyl) phthalate (DEHP), mercury, or chlorofluorocarbon containing equipment.

The Supplemental HBMA was performed on December 16, 18, 21, 22 and 23, 2015 along with additional sampling performed on January 21, March 3, and April 25, 2016. The sampling and inventory was conducted by State of Connecticut licensed asbestos inspectors, Philip Hutter and Justin Proto of Tighe & Bond. The inventory of universal waste and other hazardous materials was performed by experienced industrial hygienists Doug Belfiore and Justin Proto. Copies of the inspector's licenses are included in Appendix A. The detailed area of the study is shown in Figures HBM-1.1 through HBM-2.7 in Appendix B. A photographic log is found in Appendix C.

### Suspect Asbestos-Containing Material Assessment

A total of 35 different types of suspect ACM were sampled during this assessment that were not previously sampled, including plaster, vinyl floor tile and mastic, vinyl cove base and associated adhesive, multiple types of mudded pipe joint cements, resilient sheet flooring and associated adhesives, air handling unit (AHU) insulation seam mastic, flue seam caulk, duct mastic, pipe mastic, stucco wall, roof tar, penetration caulk, pipe gasket, fire door insulation, waterproofing, and other miscellaneous materials. Previously sampled homogenous materials from the reports listed above were observed but not sampled during this assessment. Sampled materials are listed in Tables 1 and 2 (Appendix D). Sample locations are depicted in Figures HBM-1.1 through HBM-1.8 in Appendix B.

Up to three samples were collected of each suspect material in accordance with the EPA requirements for asbestos identification. Samples were submitted to EMSL Laboratories in Wallingford, Connecticut for asbestos analysis via Polarized Light Microscopy (PLM) using EPA approved protocol in accordance with accreditation of the National Institute of Standards and Technology (NIST). During assessment activities, the sample locations, types of material, and observed quantities were recorded. Homogenous materials were noted when observed.

### Lead-Based Paint Assessment

Tighe & Bond reviewed the LBP sampling that was conducted by Smith & Wessel in 2015. It is our opinion that additional paint surface testing was not necessary during this assessment. A summary of the components identified to be coated with LBP is provided in Table 3.

### PCB Assessment

Samples were collected of suspect PCB source materials including paint, caulking, glazing, spray-applied fireproofing, roofing tar, and sealant type compounds observed during the assessment. Three samples of each different type of material were collected in accordance with the EPA sampling guidelines. These samples were submitted to Phoenix Laboratories of Manchester, Connecticut for analysis of PCBs using the EPA 3540C Soxhlet Extraction method and SW 846 8082 analytical method. A detailed summary of PCB source samples



are listed in Table 4. PCB source sample locations are shown on Figures HBM-2.1 through 2.7.

After receiving the source sample results, samples were collected from underlying substrates where source concentrations were >1 parts per million (ppm) PCBs to determine if PCBs had leached into the underlying substrates. Substrate samples were collected from concrete masonry unit (CMU) walls and plaster by removing small areas of PCB containing paint from the porous substrates and then collecting bulk substrate samples using hand tools.

Soil samples were also collected from multiple locations around the perimeter of the building where expansion joint caulk was reported to contain PCB concentrations >50 ppm. This caulk was also observed at the exterior window frames, door frames, and roof flashing.

Substrate and soil samples were submitted to Phoenix Laboratories of Manchester, Connecticut for analysis of PCBs using EPA 3540C Soxhlet Extraction method and SW 846 8082 analytical method. A detailed summary of PCB substrate samples is listed in Table 5 and their locations are depicted in Figures HBM-2.1 through HBM-2.6. A detailed summary of PCB soil and exterior surface samples (i.e. concrete and asphalt) are listed in Table 6. Soil and exterior surface samples are shown on Figure HBM-2.7.

## **Visual Assessment for Universal Wastes**

A visual assessment and quantification of lighting ballasts, transformers, electrical switches, small electrical motor capacitors and other items that could contain, mercury, PCBs or DEHP was conducted. The assessment also included identification of sodium halide lamps and fluorescent light tubing. An inventory of emergency lights and exit signs that may contain hazardous or regulated substances was also completed. No physical sampling of these items was performed.

## **Findings and Conclusions**

### **Asbestos Sampling Results**

During the course of the assessment, a total of 82 bulk samples of suspect ACM were collected and 74 samples were analyzed by PLM based on the "stop on first positive" request to the laboratory. Some materials were observed to be homogeneous within several rooms and sampled as sets.

Refer to Table 1 in Appendix D for a summary of asbestos containing materials sampled by Tighe & Bond and ACM identified in previous documents including locations and estimated quantities. Table 2 in Appendix D is a summary of sampled materials found to be non-asbestos containing during Tighe & Bond's Supplemental HBMA. Laboratory analytical reports for asbestos sampling are provided in Appendix E.

EPA defines any material containing more than 1% asbestos to be an asbestos containing material. The following materials were determined to be asbestos-containing:

- White Pipe Mastic – Utility Closets
- Black Seam Mastic on Fiberglass Insulation – Penthouse AHU Fresh Air Areas
- Beige 12x12 inch Floor Tile with Black Mastic – Passenger Elevators (Top Layer)
- Black 12x12 inch Floor Tile – Passenger Elevators (Bottom Layer)
- Gray Metal Louver Caulk – Penthouse AHU Fresh Air Intakes
- White/Gray Spray-Applied Fireproofing – Homogenous in majority of building; determined to be in rear of Service Level Switchgear room contrary to previous reports



Previous sampling reports identified several types of asbestos-containing materials. The following materials were still found to be in the building:

- Gray Spray-Applied Fireproofing – Penthouse and Majority of floors 1-4 and portions of the service level
- Gray Mudded Pipe Fitting Insulation (associated with fiberglass insulated pipes) – Penthouse only, fitting insulation on other floors were determined to be non-asbestos containing
- Brown Duct Seam Sealant – Exposed in Penthouse and under insulation on service level to floor 4
- Transite Power Box Panel Components – Assumed in Penthouse
- Black Perimeter Window Glazing Compound – 4<sup>th</sup> Floor
- Beige/Gray/Tan 12x12 inch Floor Tile and Associated Black/Brown Adhesive – 4<sup>th</sup> Floor
- Beige/Gray 12x12 inch Floor Tile and associated Black Mastic (under carpet squares) – 4<sup>th</sup> Floor
- Beige Pin Glue associated with Yellow and Pink Fiberglass Insulation – 4<sup>th</sup> Floor Perimeter Walls under windows
- Black/Green Carpet Mastic Adhesive – 4<sup>th</sup> Floor
- Tan Joint Compound associated with Gypsum Wallboard – Floors 1 to 4 Perimeter Walls/Columns
- Gray with Blue & Red Streaks 12x12 inch Floor Tile and associated Black/Yellow Mastic Adhesive – 3<sup>rd</sup> Floor Storage Room by Computer Room
- Beige/Gray 12x12 inch Floor Tile and associated Black Mastic Adhesive – 2<sup>nd</sup> and 3<sup>rd</sup> Floor Hallways, elevator lobbies and 1<sup>st</sup> Floor storage room by lobby

Materials that are assumed to be asbestos-containing due to accessibility or safety restrictions include:

- Elevator Components
- Water Fountain Components
- Underground utilities such as cement based pipes or gaskets

**Surfaces within the building may be contaminated with asbestos fibers due to the presence of spray-applied fireproofing within and adjacent to AHU intakes along with locations adjacent to open/fallen ceiling portions. Porous items should be disposed as asbestos waste during abatement. Non-Porous surfaces may be cleaned during the abatement process. Asbestos air sampling is also recommended prior to the start of abatement or re-occupancy of the building to determine if asbestos is present in ambient indoor air.**

The following items should be treated as asbestos contaminated:

- Carpeting (Service Level to 4<sup>th</sup> Floor) – Fallen Spray-Applied Fireproofing was observed in multiple locations in the building.
- Air Handling Units (Penthouse) – Spray-Applied Fireproofing was observed by AHU mixing chambers.
- Sheetrock and Plaster Walls/Ceilings (Service Level to Penthouse) – Spray-Applied Fireproofing was observed in Multiple wall cavities.
- All Surfaces within the Service Level Switchgear Room and Entire Penthouse – Fallen Spray-Applied Fireproofing was observed in several areas in each of these locations.



If additional materials are encountered during demolition activities that were not previously sampled, they would either need to be sampled to determine asbestos content or should be assumed to contain asbestos.

All regulated friable and non-friable ACM must be removed prior to demolition activities. A State of Connecticut Licensed Asbestos Abatement Contractor must be retained to perform removal work. Visual assessments must be performed within each abatement area at the completion of the abatement work. The visual assessment must be performed by a State of Connecticut Licensed Asbestos Project Monitor (APM). The abatement areas must meet final visual assessment criteria prior to renovation activities. Re-occupancy air monitoring is required by an APM before entry of any person into the work area.

The Asbestos Abatement Contractor must submit a notice of asbestos abatement to the State of Connecticut Department of Health post marked or hand delivered 10 days prior to the commencement of any asbestos abatement activities involving the abatement of greater than 10 linear feet or 25 square feet of asbestos containing materials.

### **Lead-Based Paint Data Review**

Refer to Table 3 for a detailed list of XRF results from the Smith & Wessel report from June 3, 2015. Additional lead sampling was not performed during this assessment.

The following components were previously determined to be lead based paint:

- Yellow Metal Dock Lip and Corner Guard – Loading Dock
- Yellow Parking Lines on Concrete Parking Deck
- Orange Structural Steel – Throughout Building
- Beige Metal Sliding Door Frame - Exterior
- Yellow Metal Safety Poles (Bollards) - Exterior
- Gray Metal Sliding Door Frame – Exterior

It is Tighe & Bond's understanding that the parking levels under the building will not be demolished. If the parking level paint/concrete is to be removed or if the structure is to be demolished, a Toxicity Characterization Leaching Procedure (TCLP) sample would need to be collected to characterize the waste for disposal purposes. Metal components with lead-based paint may be recycled during the demolition process.

US Occupational Safety and Health Administration (OSHA) requires task specific worker exposure monitoring for any abatement activities that disturb lead-based paints. If surfaces identified to contain lead-based paints will be impacted by cutting, grinding, scraping or other dust generating activities a task specific worker exposure assessment must be conducted by the abatement contractor in accordance with OSHA 29 CFR 1926.62 to confirm lead dust is not being generated.

### **PCB Sample Results**

#### **PCB Source Materials**

A total of 70 source samples were submitted for PCB analysis. Refer to Table 4 for a detailed list of potential source materials sampled for PCBs. Laboratory analytical reports containing PCB sampling results are provided in Appendix F.

Building materials containing PCBs at concentrations greater than 1 ppm are regulated by the Connecticut Department of Energy and Environmental Protection (CTDEEP). Materials containing PCBs  $\geq 50$  ppm are regulated by EPA. Building materials with PCB concentrations  $< 1$  ppm are not regulated and may be disposed of as general construction waste.

Fifty four of the 70 source samples analyzed were found to contain PCBs >1 ppm but <50 ppm, including various paints located throughout the building, roofing asphalt, and window glazing compound. PCB concentrations in paint ranged from <1 to 37 ppm. Window glazing compound was reported to contain concentrations ranging from 6.2 to 8.9 ppm PCBs. Roof asphalt found below EPDM (rubber) and insulation was reported to contain concentrations ranging from 4.5 to 45 ppm PCBs. Exterior caulk applied to expansion joints, door frames, flashing, and other components was previously reported to contain PCB concentrations ranging from 1,620 to 39,600 ppm.

### **PCB Substrates**

A total of 10 substrate samples were collected for PCB analysis adjacent to PCB source materials. Refer to Table 5 for a detailed list of substrate samples. CMU wall and plaster substrates associated with PCB containing paint were stripped of paint in small areas and sampled to determine if PCBs had leached into the porous substrates. PCBs were not reported at concentrations above laboratory reporting limits in substrate samples collected from beneath painted surfaces.

PCBs were reported at concentrations ranging from 0.1 to 0.74 ppm in substrate samples previously collected from one half inch away from the exterior expansion joint caulk lines. Additional substrate samples were collected during this assessment from directly behind the expansion joint caulk to determine if substrate removal would be required during abatement. Samples of concrete panels collected from directly behind the caulk were reported to contain concentrations of PCBs ranging from 36 to 61 ppm. Additional sampling is recommended to further assess the extent of leaching which has occurred from the caulk into the substrate.

### **PCB Soils and Exterior Surfaces**

A total of 50 soil/exterior surface samples were analyzed for PCB concentrations during the Supplemental HBMA. Refer to Table 6 for a detailed list of soil and exterior surface samples collected during this assessment. Caulk containing PCB concentrations  $\geq 50$  ppm has been identified on exterior expansion joints, door frames, and flashing. Underlying soils were sampled to assess potential impacts that may have been caused by deposition and/or leaching of PCB caulk which may have fallen onto the ground surface over time. Surface soil samples were collected from the building perimeter at areas where the PCB caulk may have fallen onto the ground surface. A total of 30 soil samples were collected for PCB analysis on January 21, 2016. Five sample locations were assessed on each of the North, South and West sides of the building. Exterior surface samples collected from the east side of the building are discussed below. The North side of the building perimeter was surfaced with approximately 6 inches of gravel at a distance of approximately 4 to 5 feet away from the building. Soil samples collected from the North side of the building were collected from the outside edge of the gravel. The West and South side samples were collected approximately 12 inches away from the building. Fifteen surface soil samples were collected from 0 to 3 inches below grade (0-3 inches bg). The remaining fifteen samples were collected from the 3 to 6 inch depth interval and put on hold pending the results of the 0-3 inch samples.

PCBs were reported at concentrations >1 ppm in eight of the 15 0-3 inch samples ranging in concentration from 1.3 to 19 ppm. All of the eight samples with concentrations >1 ppm were located on the West or South sides of the building. The five samples collected from the North side of the building were non-detect for PCBs.

The corresponding 3-6 inch sample was then analyzed for each location reported to contain >1 ppm PCBs in the 0-3 inch interval. Six of the eight 3-6 inch samples were reported to



contain PCB concentrations above reporting limits, four of which were >1 ppm. Reported concentrations ranged between 0.51 ppm and 6.1 ppm.

On March 3, 2016, Tighe & Bond performed additional soil sampling to further delineate the PCB contamination identified in soils on the West and South sides of the building. A total of 53 additional soil samples were collected based on the previously reported sample results. Samples were collected from various depths and distances from the building with some placed "on hold" with the laboratory pending preceding sample analysis.

The initial round of sample analysis consisted of five samples collected from 12 inches bg at the locations with PCB concentrations >1 ppm at 3-6 inches bg. Eight additional soil samples were collected from 0-3 inches bg at 30 inch away from the foundation at locations with PCB concentrations >1 ppm at the locations 12 inch away from the foundation. These thirteen samples were submitted to the laboratory for analysis for PCBs.

Each of the five 12 inches bg samples collected 12 inch away from the building were found to be above 1 ppm. Four of the eight 0-3 inches bg samples 30 inch away from the building were found to be greater than 1 ppm.

Following analysis of the initial round of samples collected on March 3, 2016, Tighe & Bond requested that the laboratory analyze four samples from 12 inches bg at 30 inch (2.5 foot) away from foundation and four 0-3 inches bg at 5 feet away from the foundation to further delineate areas reported to contain PCBs >1 ppm. One 0-3 inch 5 foot sample was reported to contain PCBs >1 ppm. The remaining seven samples analyzed during this round were reported to be non-detect or below 1 ppm.

Exterior surface (concrete and asphalt) and soil samples were collected from the East side of the building on April 25, 2016. Samples were collected from the ground surface where PCB containing caulk may have fallen. PCBs were not reported at concentrations above laboratory reporting limits in the concrete and asphalt samples collected from the East side of the building. One of the two soil samples collected from 0-3 inches bg was reported to contain 2.8 ppm PCBs. The underlying 3-6 inches bg sample was not reported to contain PCBs above laboratory reporting limits.

## **Visual Assessment for Universal Waste Materials**

The universal waste inventory primarily identified the presence of fluorescent light bulbs, mercury thermostats, capacitors with possible PCBs, and refrigerants throughout the building. Additionally, emergency lights were identified on floors 1 through 4. Exit signs potentially containing lead-acid batteries were identified in most locations within the building. Multiple industrial flooded lead acid battery cells were located in two locations on the service level. Table 7 provides a detailed summary of locations and quantities of universal wastes observed.

## **Summary and Recommendations**

The results of previous inspections and this supplemental HBMA indicate that many of the materials used to construct this building contain asbestos, PCBs or have been painted with leaded paint. Universal waste materials have also been identified inside the building. A detailed summary of these materials, their locations, and observed quantities are provided in the appendices included with this report. Observed materials which will have significant impacts on abatement and/or demolition costs are listed below.

- Asbestos containing spray-applied fireproofing and materials that have been contaminated by the deterioration and migration of this material including floor surfaces, duct work, air handling units, and areas above the suspended ceiling.



- Exterior caulk applied to expansion joints and other areas has been reported to contain PCBs  $\geq 50$  ppm. This materials and affected substrates must be removed, managed, and disposed in accordance with Connecticut Regulations for Disposal of PCBs (RCSA 22a-463 through -469) and EPA regulations 40 CFR 761.
- Asphalt roofing tar has been reported to contain PCBs at concentrations above 1 ppm. This material and potentially impacted substrates must be managed in accordance with Connecticut Regulations for Disposal of PCBs (RCSA 22a-463 through -469).

Tighe & Bond recommends that the following activities be completed to prepare for the abatement and demolition of the building.

- A hazardous building materials abatement design be completed specific to demolition of the building.
- Additional soil sampling to further delineate the PCB soil contamination identified around the building.
- Additional substrate sampling of the exterior concrete panels to determine the extent of leaching from the expansion joint/door/window/flashing caulk.
- Additional source and substrate sampling of the PCB containing roofing tar to demonstrate the source material is  $<50$  ppm or  $\geq 50$  ppm and if PCBs have leached into the underlying concrete.
- Technical specifications be developed to detail required removal and disposal procedures for identified HBMs prior to demolition activities.
- Prepare a PCB abatement plan for CTDEEP and EPA approval.

If you have any questions regarding this letter report, please contact Jim Olsen at (860)704-4761 or [JTolsen@tighebond.com](mailto:JTolsen@tighebond.com).

Very truly yours,

**TIGHE & BOND, INC.**



Harley Langford, LEP  
Senior Environmental Scientist



James T. Olsen, LEP  
Vice President

- Appendices: Appendix A - Inspector Licenses  
 Appendix B - Figure HBM-1.1 Asbestos Sample Locations Penthouse/Roof  
 Figure HBM-1.2 Asbestos Sample Locations Fourth Floor  
 Figure HBM-1.3 Asbestos Sample Locations Third Floor  
 Figure HBM-1.4 Asbestos Sample Locations Second Floor  
 Figure HBM-1.5 Asbestos Sample Locations First Floor

Figure HBM-1.6 Asbestos Sample Locations Service Floor & Chiller Plant  
Figure HBM-1.7 Asbestos Sample Locations Parking Level P2  
Figure HBM-1.8 Asbestos Sample Locations Parking Level P1  
Figure HBM-2.1 PCB Sample Locations Penthouse/Roof  
Figure HBM-2.2 PCB Sample Locations Fourth Floor  
Figure HBM-2.3 PCB Sample Locations Third Floor  
Figure HBM-2.4 PCB Sample Locations Second Floor  
Figure HBM-2.5 PCB Sample Locations First Floor  
Figure HBM-2.6 PCB Sample Locations Service Floor  
Figure HBM-2.7 PCB Soil Sample Locations

Appendix C - Photographic Log

Appendix D - Table 1 Summary of Asbestos Containing Materials

Table 2 Summary of Non-Asbestos Containing Materials

Table 3 Summary of Lead-Based Painted Components

Table 4 Summary of PCB Source Material Sampling Results

Table 5 Summary of PCB Substrate Material Sampling Results

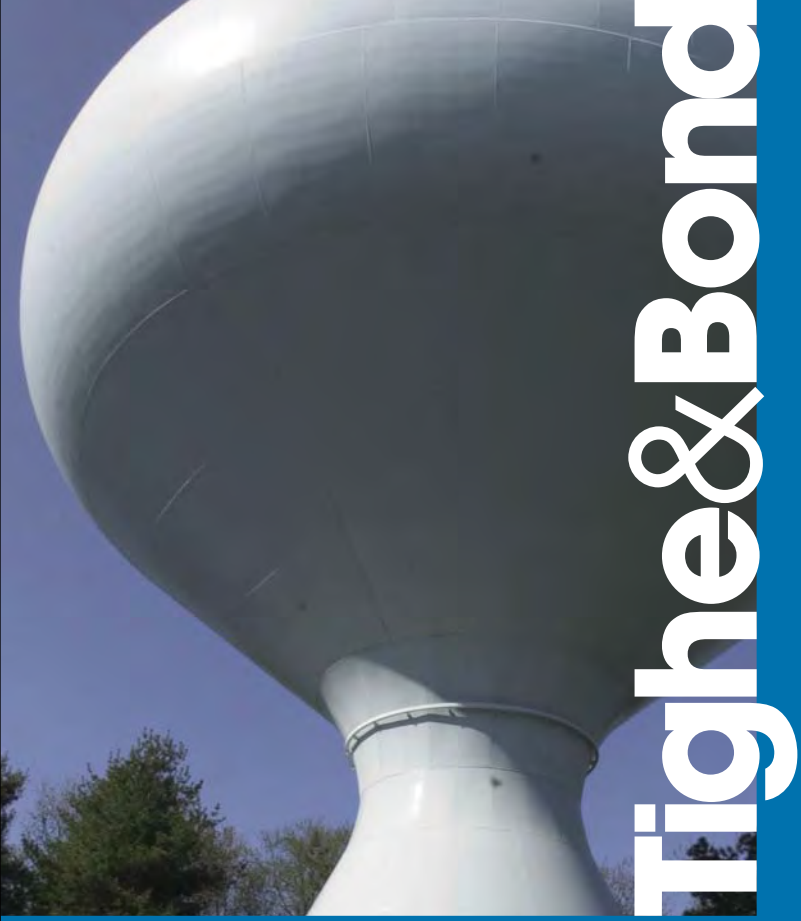
Table 6 Summary of PCB Soil Sampling Results

Table 7 Summary of Universal Waste Assessment

Appendix E - Asbestos (EMSL) Laboratory Analytical Reports

Appendix F - PCB (Phoenix) Laboratory Analytical Reports





# Tighe & Bond



# CERTIFICATE OF ACHIEVEMENT

This certifies that

**Philip Hutter**

has successfully completed the  
**Asbestos Site Inspector Refresher Training  
Asbestos Accreditation Under TSCA Title II  
40 CFR Part 763**

conducted by

ATC Group Services, LLC  
73 William Franks Drive  
West Springfield, MA 01089  
(413) 781-0070

*Gregory Morsch*

Regional Training Manager: Gregory Morsch

SIAR-5306

Certificate Number

December 17, 2015

Examination Date

*Marcus Soutra*

Principal Instructor: Marcus Soutra

December 17, 2015

Date of Course

December 17, 2016

Expiration Date

EMPLOYER'S COPY

STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH

NAME

PHILIP C HUTTER

VALIDATION NO.  
03-420646

CERTIFICATE NO.  
000916

CURRENT THROUGH  
03/31/17

PROFESSION

ASBESTOS CONSULTANT-INSPECTOR

*Philip Hutter*

SIGNATURE

*Raymond*

COMMISSIONER



CERT# PD-001 - 419

CHEMSCOPE TRAINING DIVISION

ASBESTOS PROJECT DESIGNER REFRESHER  
8 HOUR TRAINING CERTIFICATE

Phillip Hutter

213 Court Street, Suite 1100, Middletown CT

Has attended an 8 hour course on the subject discipline on  
2/26/2016 and has passed a written examination.

"The person receiving this certificate has completed the requisite training required for asbestos accreditation as a project designer under TSCA Title II"

Course topics include Background Information on Asbestos, Abatement Construction Projects, Safety System Design Specifications, Personal Protective Equipment, Additional Safety Hazards, Fiber Aerodynamics and Control, Designing

**Examination Score: 88%**

**Examination Date: 2/26/2016**

**Expiration Date: 2/26/2017**

This training course has been accredited by the State of Connecticut.

Ronald D. Arena  
Training Manager



Chem Scope, Inc.  
15 Moulthrop Street  
North Haven CT 06473  
(203) 865-5605

WALLET CARD

STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH

NAME  
PHILIP C HUTTER

VALIDATION NO  
03-438357

CERTIFICATE NO  
000315

CURRENT THROUGH  
03/31/17

PROFESSION  
ASBESTOS CONSULTANT-PROJECT DESIGNER

  
SIGNATURE

  
COMMISSIONER



CERT# A-509 - 538

**CHEMSCOPE TRAINING DIVISION  
ASBESTOS INSPECTOR REFRESHER  
4 HOUR TRAINING CERTIFICATE**

**Justin F. Proto**

**213 Court Street, Suite 1100 , Middletown CT**

Has attended an 4 hour annual refresher course on the subject discipline on  
9/4/2015 and has passed a written examination.

"The person receiving this certificate has completed the requisite training required for asbestos accreditation as an inspector under TSCA Title II"

Course topics include a review and update on asbestos health hazards, functions of inspectors and management planners, building systems, planning, inspecting for asbestos, sampling and analysis, respiratory protection, government regulations and preparing the inspection report.

**Examination Date: 9/4/2015**

**Expiration Date: 9/4/2016**

This training course has been accredited by the State of Connecticut.




Ronald D. Arena  
Training Manager

**VALLET CARD**  
STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH

VALIDATION NO. <b>03-436533</b>	CERTIFICATE NO. <b>000697</b>	CURRENT THROUGH <b>03/31/17</b>
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NAME: **JUSTIN F. PROTO**  
PROFESSION: **ASBESTOS CONSULTANT-INSPECTOR**

SIGNATURE: \_\_\_\_\_  
COMMISSIONER: 

Chem Scope, Inc.  
15 Moulthrop Street  
North Haven CT 06473  
(203) 865-5605



CERT# L-600 - 819

**CHEMSCOPE TRAINING DIVISION  
LEAD INSPECTOR/RISK ASSESSOR REFRESHER  
8 HOUR TRAINING CERTIFICATE**

**Justin F. Proto**

**213 Court Street, Suite 1100 , Middletown CT**

Has attended an 8 hour course on the subject discipline in English on  
9/3/2015 and has passed a written and hands on skills examination.

The above individual has successfully completed the above training course approved in accordance with the Department of  
Public Health Standards established pursuant to Section 20-477 of the Connecticut General Statutes.

Course syllabus includes all required topics of State of Connecticut DPH and EPA.

**Examination Date: 9/3/2015**

**Expiration Date: 9/3/2016**

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations  
(U.S.C. 1001 and 15 U.S.C. 2615), I certify that this training complies with all applicable requirements of Title IV of TSCA, 40  
CFR part 745 and any other applicable Federal, State, or local requirements.




Ronald D. Arena  
Training Manager

Chem Scope, Inc.  
15 Mouthrop Street  
North Haven CT 06473  
(203) 865-5605

**WALLET CARD**  
STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH

VALIDATION NO <b>03-436531</b>	NAME <b>JUSTIN F. PROTO</b>	CURRENT THROUGH <b>03/31/17</b>
CERTIFICATE NO <b>002204</b>	PROFESSION LEAD INSPECTOR RISK ASSESSOR	

SIGNATURE \_\_\_\_\_  
COMMISSIONER 







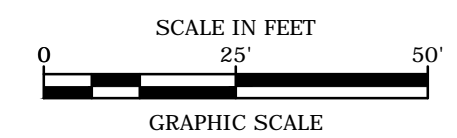
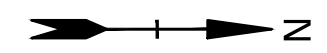
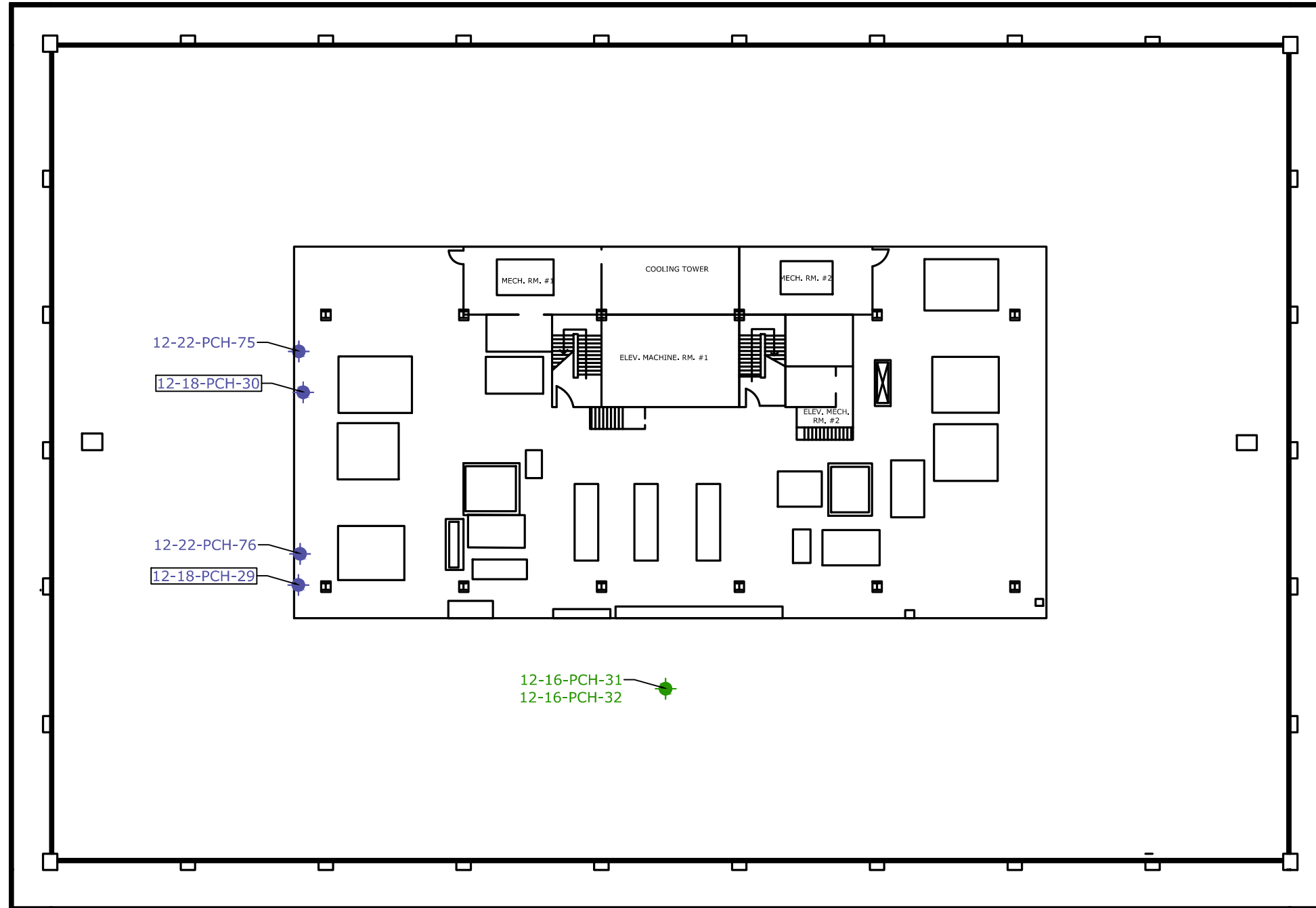
# Tight & Bond




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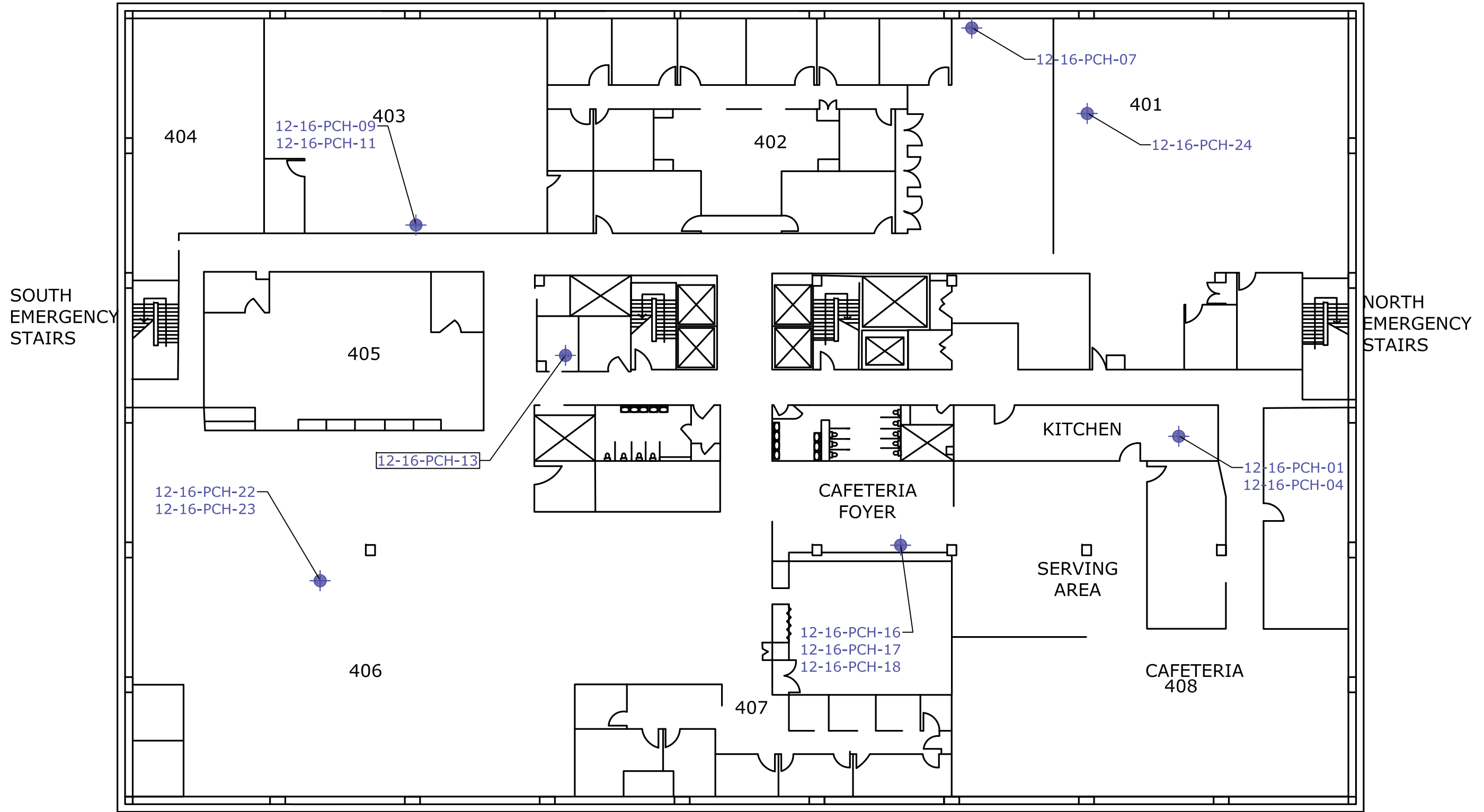
AC - ASBESTOS CONTAINING



- 12-16-PCH-01  NON-AC INTERIOR SAMPLE LOCATION
- 12-16-PCH-01  NON-AC EXTERIOR SAMPLE LOCATION
- 12-16-PCH-01  AC INTERIOR SAMPLE LOCATION
- 12-16-PCH-01  AC EXTERIOR SAMPLE LOCATION
- 112 ROOM NUMBER / NAME

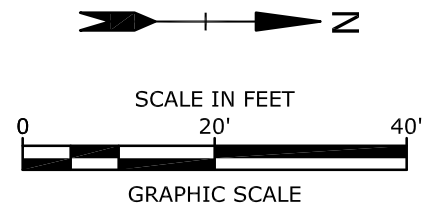


<b>150 WINDSOR STREET HARTFORD, CONNECTICUT</b>	
<b>HAZARDOUS BUILDING MATERIALS ASSESSMENT ASBESTOS SAMPLE LOCATIONS PENTHOUSE/ROOF</b>	
DATE: 12/17/2015	 www.tighebond.com
SCALE: 1:25	
FIGURE: HBM-1.1	

May 02, 2016-3:46pm Plotted By: wachampagne  
Tighe & Bond, Inc. 1:\C\1077\_CRCOG Brownfields\Sites\Hartford\_Sites\Windsor-St\Drawings\CAD\C1077-B-XD-SITE.dwg



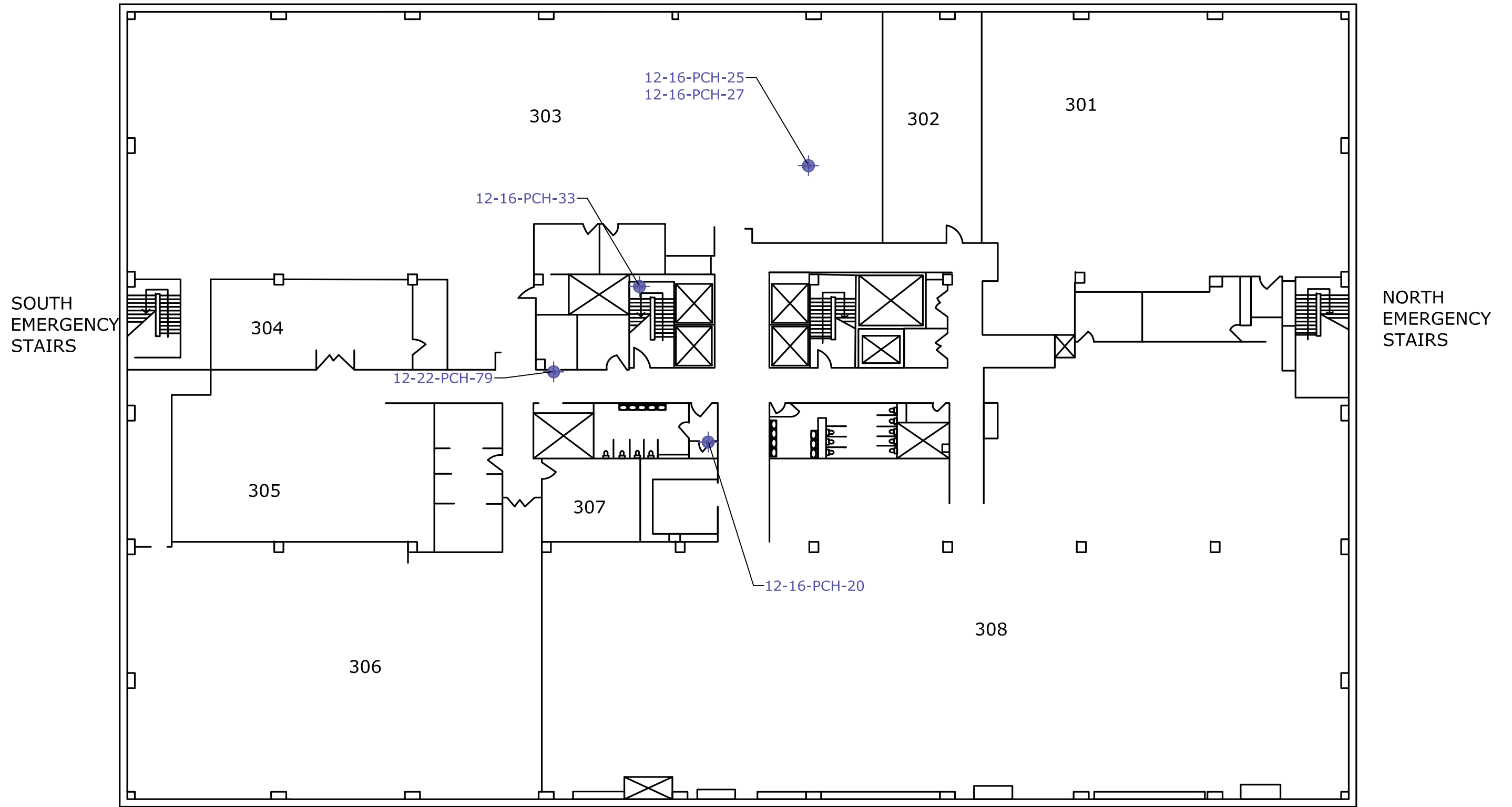
- KEY**  
AC - ASBESTOS CONTAINING
- 12-16-PCH-01  NON-AC INTERIOR SAMPLE LOCATION
  - 12-16-PCH-01  AC INTERIOR SAMPLE LOCATION
  - 112 ROOM NUMBER / NAME





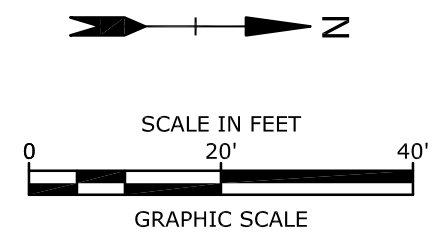
<b>150 WINDSOR STREET HARTFORD, CONNECTICUT</b>	
<b>HAZARDOUS BUILDING MATERIALS ASSESSMENT ASBESTOS SAMPLE LOCATIONS FOURTH FLOOR</b>	
DATE: 12/17/2015	 <a href="http://www.tighebond.com">www.tighebond.com</a>
SCALE: 1:20	
FIGURE: HBM-1.2	




May 02, 2016-3:47pm Plotted By: wachampagne  
Tighe & Bond, Inc. 1:\C\1077\_CRCOG Brownfields\Sites\Hartford\_Sites\Windsor-St\Drawings\CAD\C1077-B-XD-SITE.dwg

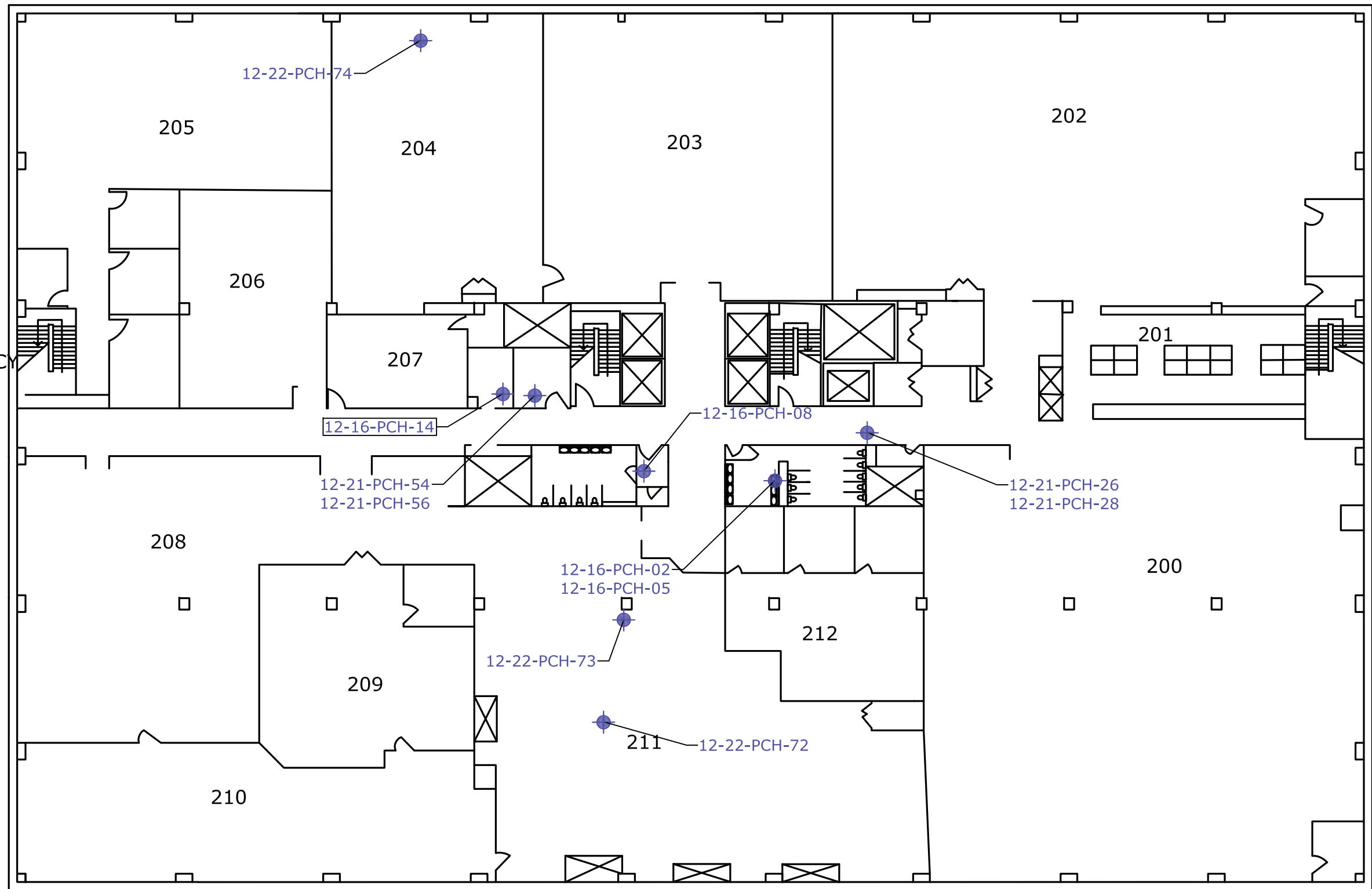




- KEY**  
AC - ASBESTOS CONTAINING
- 12-16-PCH-01  NON-AC INTERIOR SAMPLE LOCATION
  - 12-16-PCH-01  AC INTERIOR SAMPLE LOCATION
  - 112 ROOM NUMBER / NAME

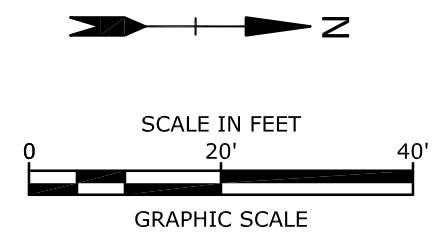


150 WINDSOR STREET HARTFORD, CONNECTICUT	
HAZARDOUS BUILDING MATERIALS ASSESSMENT ASBESTOS SAMPLE LOCATIONS THIRD FLOOR	
DATE: 2/11/2016	 www.tighebond.com
SCALE: 1:20	
FIGURE: HBM-1.3	

May 02, 2016-3:48pm Plotted By: wachampagne  
Tighe & Bond, Inc. 1:\C\1077\_CRCOG Brownfields\Sites\Hartford\_Sites\Windsor\_Site\Drawings\CAD\C1077-B-XD-SITE.dwg

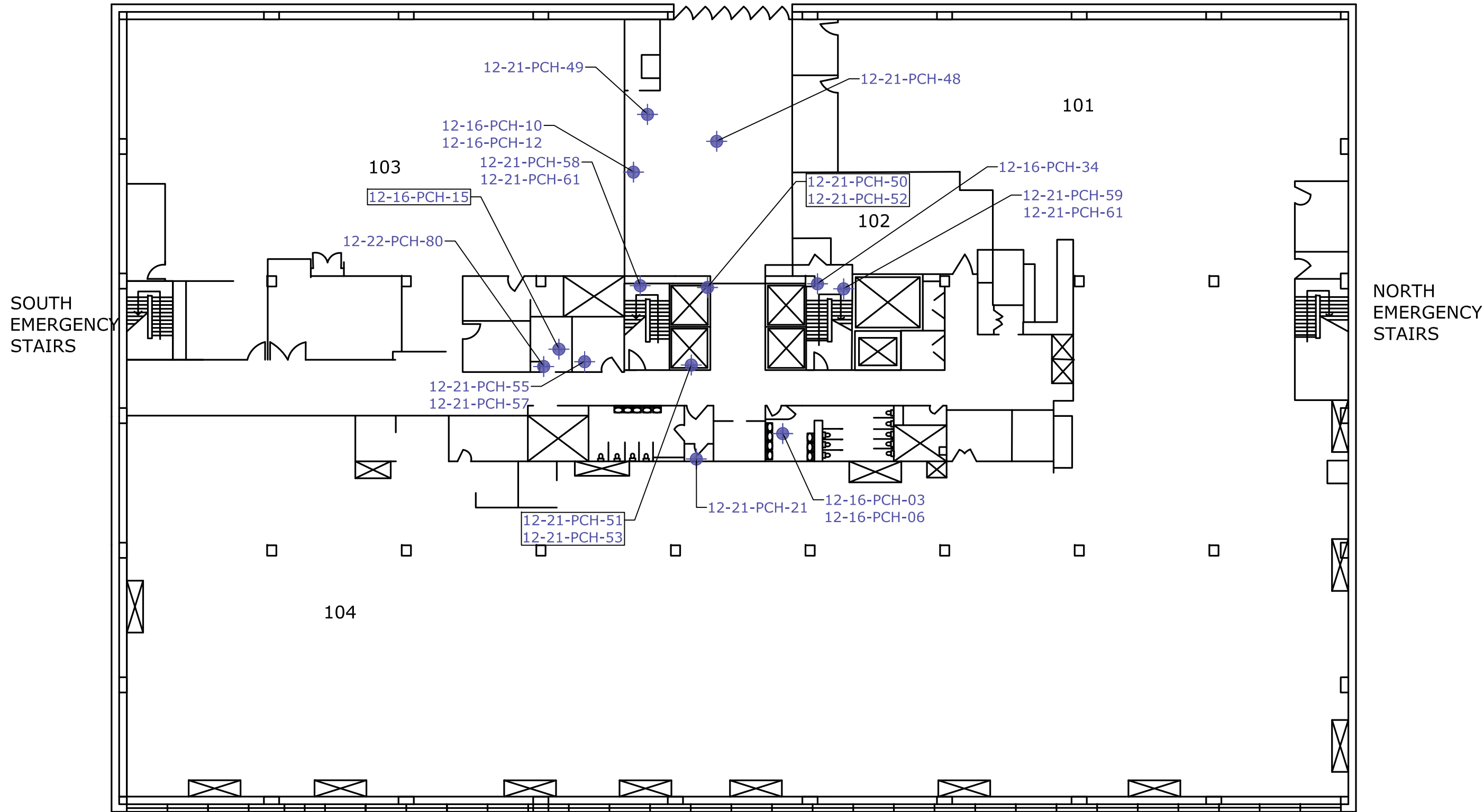




- KEY**  
AC - ASBESTOS CONTAINING
- 12-16-PCH-01  NON-AC INTERIOR SAMPLE LOCATION
  - 12-16-PCH-01  AC INTERIOR SAMPLE LOCATION
  - 112 ROOM NUMBER / NAME

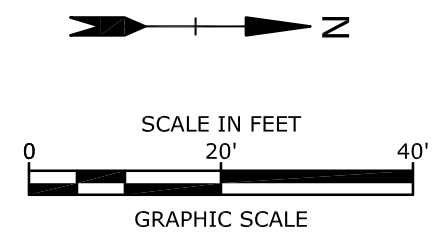



<b>150 WINDSOR STREET HARTFORD, CONNECTICUT</b>	
<b>HAZARDOUS BUILDING MATERIALS ASSESSMENT ASBESTOS SAMPLE LOCATIONS SECOND FLOOR</b>	
DATE: 2/11/2016	 www.tighebond.com
SCALE: 1:20	
FIGURE: HBM-1.4	

May 02, 2016-3:48pm, Plotted By: wachampagne  
Tighe & Bond, Inc. 1:\C\1077\_CRCOG\_Brownfields\Sites\Hartford\_Sites\Windsor-St\Drawings\CAD\C1077-B-XD-SITE.dwg

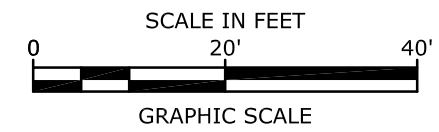
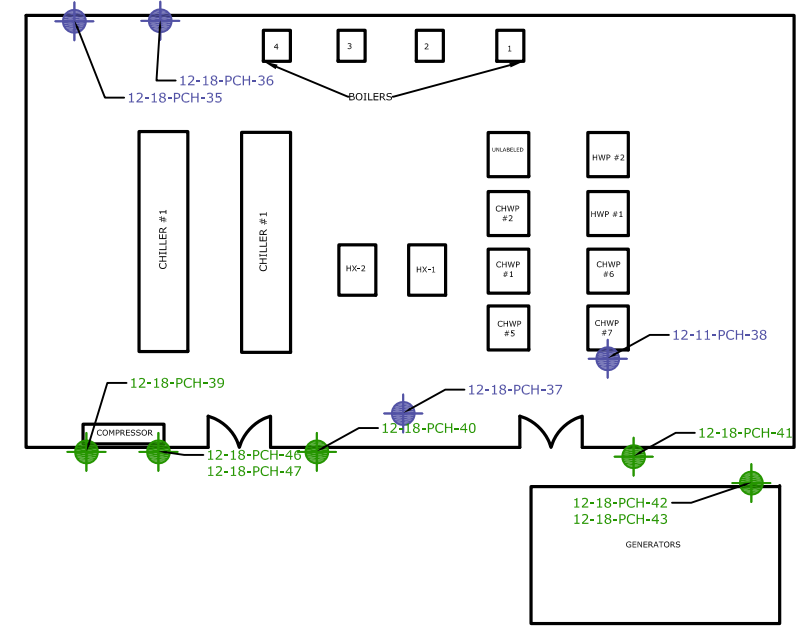
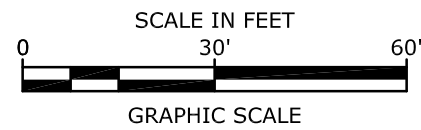
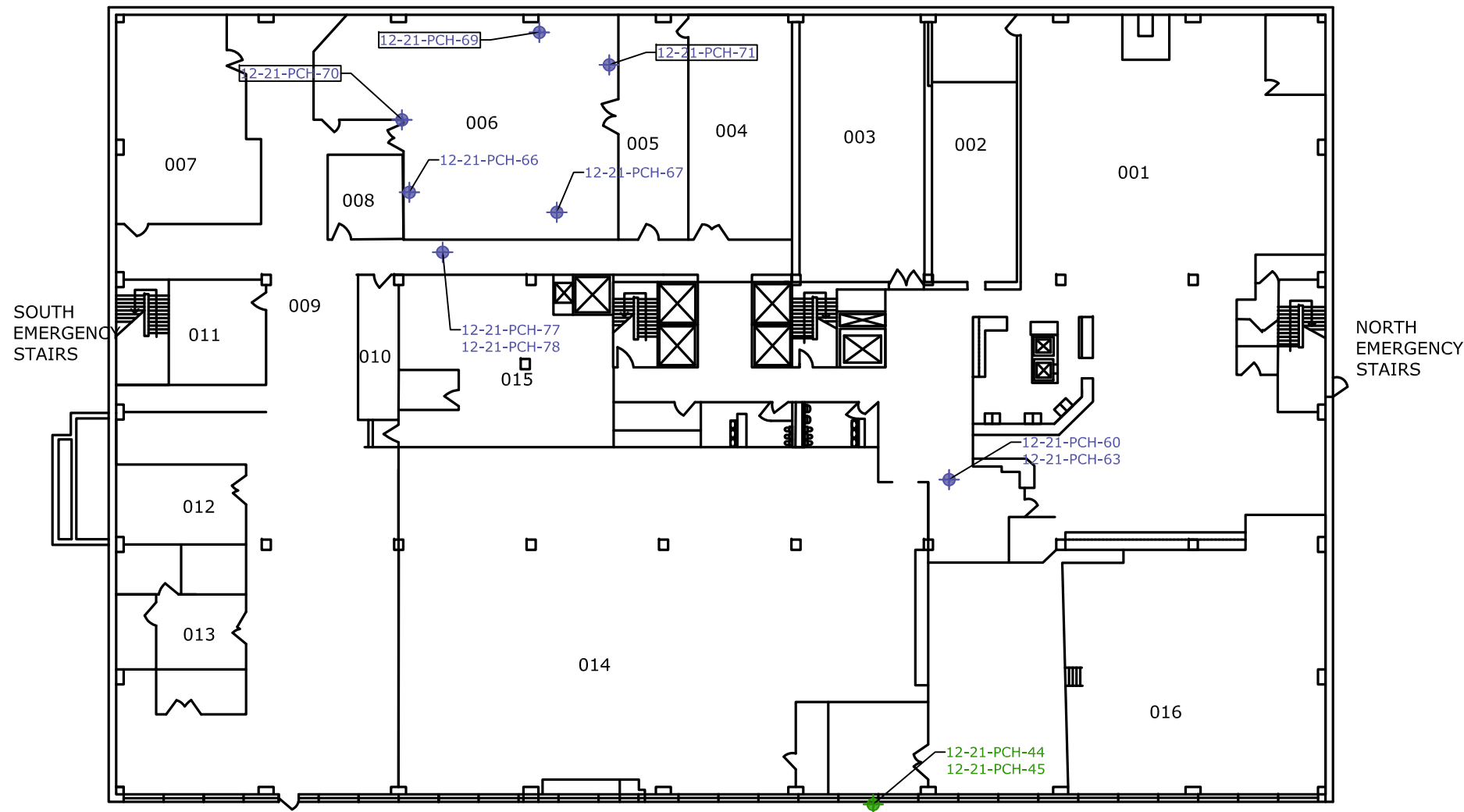


- KEY**  
AC - ASBESTOS CONTAINING
- 12-16-PCH-01  NON-AC INTERIOR SAMPLE LOCATION
  - 12-16-PCH-01  AC INTERIOR SAMPLE LOCATION
  - 112 ROOM NUMBER / NAME

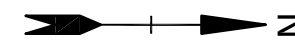


<b>150 WINDSOR STREET HARTFORD, CONNECTICUT</b>	
<b>HAZARDOUS BUILDING MATERIALS ASSESSMENT ASBESTOS SAMPLE LOCATIONS FIRST FLOOR</b>	
DATE: 2/11/2016	 <a href="http://www.tighebond.com">www.tighebond.com</a>
SCALE: 1:20	
FIGURE: HBM-1.5	

May 02, 2016-3:49pm, Plotted By: wachampagne  
 Tighe & Bond, Inc. 1:\C\1077\_CRCOG Brownfields\Sites\Hartford\_Sites\Windsor-St\Drawings\CAD\C1077-B-XD-SITE.dwg

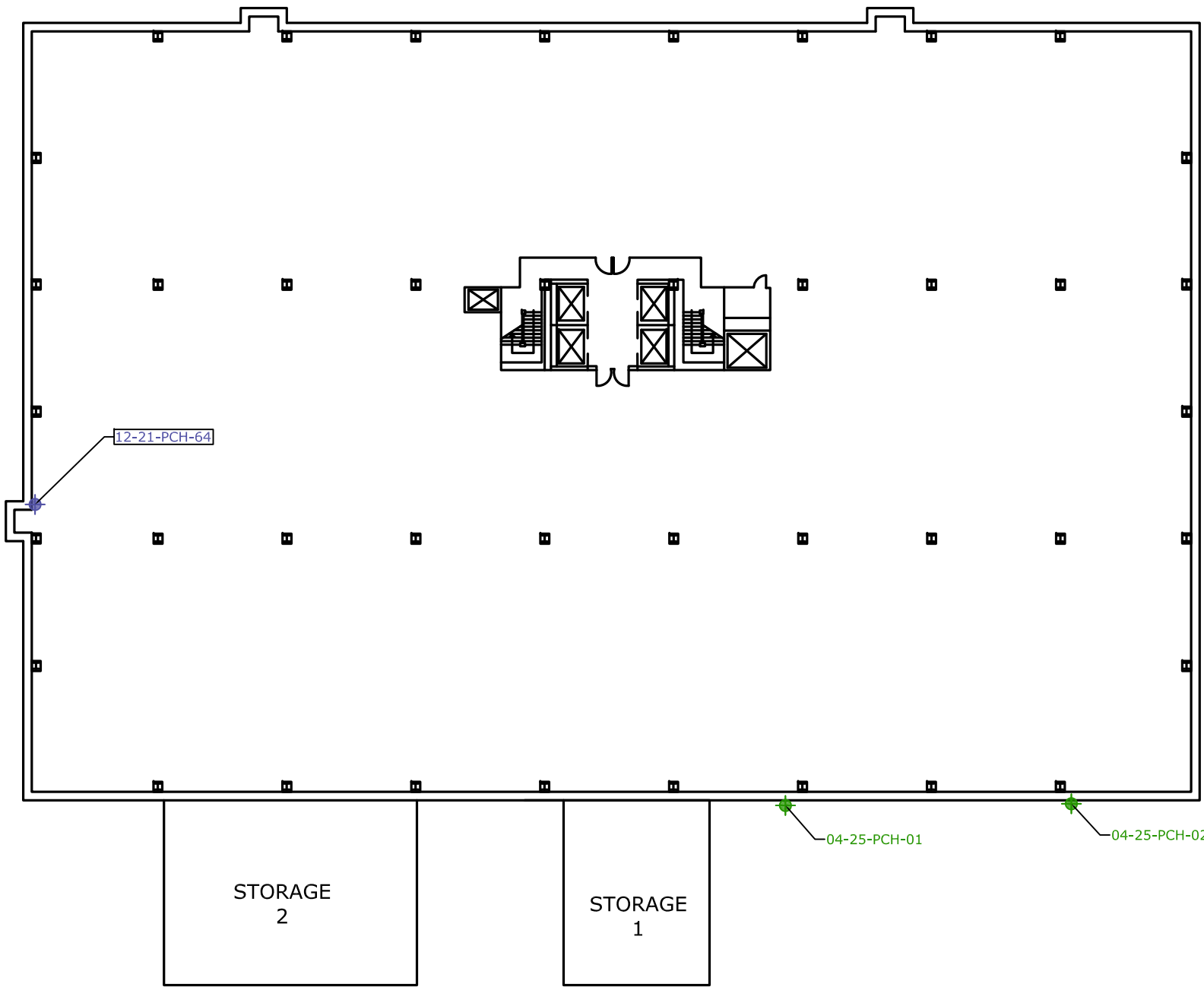


- KEY**  
 AC - ASBESTOS CONTAINING
- 12-16-PCH-01 NON-AC INTERIOR SAMPLE LOCATION
  - 12-16-PCH-01 NON-AC EXTERIOR SAMPLE LOCATION
  - 12-16-PCH-01 AC INTERIOR SAMPLE LOCATION
  - 12-16-PCH-01 AC EXTERIOR SAMPLE LOCATION
  - 112 ROOM NUMBER / NAME






<b>150 WINDSOR STREET          HARTFORD, CONNECTICUT</b>	
<b>HAZARDOUS BUILDING MATERIALS          ASSESSMENT          ASBESTOS SAMPLE LOCATIONS          SERVICE FLOOR &amp; CHILLER PLANT</b>	
DATE: 2/11/2016	 www.tighebond.com
SCALE: 1:20/1:30	
FIGURE: HBM-1.6	

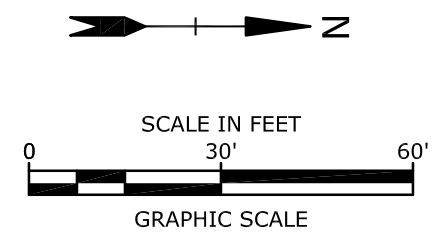
May 02, 2016-3:50pm Plotted By: wachampagne  
Tighe & Bond, Inc. 1:\C\1077\_CRCOG Brownfields\Sites\Hartford\_Sites\Windsor-St\Drawings\CAD\C1077-B-XD-SITE.dwg




**KEY**  
AC - ASBESTOS CONTAINING

- 12-16-PCH-01  NON-AC EXTERIOR SAMPLE LOCATION
- 12-16-PCH-01  NON-AC INTERIOR SAMPLE LOCATION
- 12-16-PCH-01  AC INTERIOR SAMPLE LOCATION

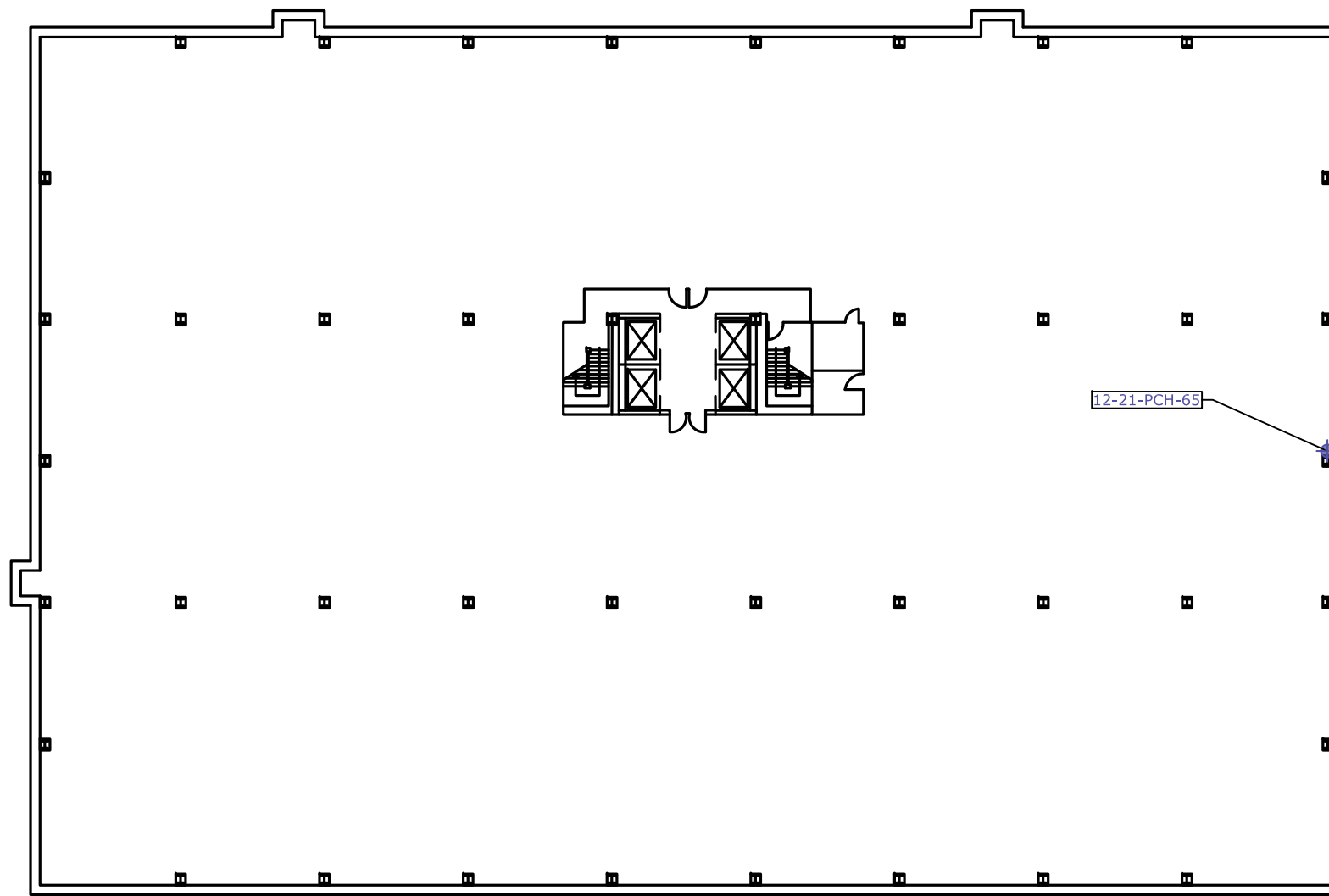
112 ROOM NUMBER / NAME



<b>150 WINDSOR STREET HARTFORD, CONNECTICUT</b>	
<b>HAZARDOUS BUILDING MATERIALS ASSESSMENT ASBESTOS SAMPLE LOCATIONS PARKING LEVEL P2</b>	
DATE: 2/11/2016	 <a href="http://www.tighebond.com">www.tighebond.com</a>
SCALE: 1:30	
FIGURE: HBM-1.7	



May 02, 2016-3:50pm Plotted By: wachampagne  
Tighe & Bond, Inc. 1:\C\1077\_CRCOG Brownfields\Sites\Hartford\_Sites\Windsor-St\Drawings\CAD\C1077-B-XD-SITE.dwg

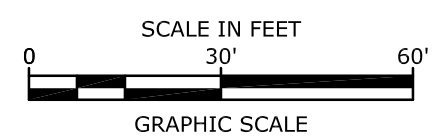
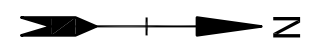



**KEY**  
AC - ASBESTOS CONTAINING

12-16-PCH-01  NON-AC INTERIOR SAMPLE LOCATION

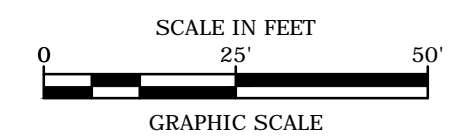
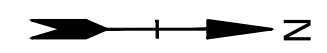
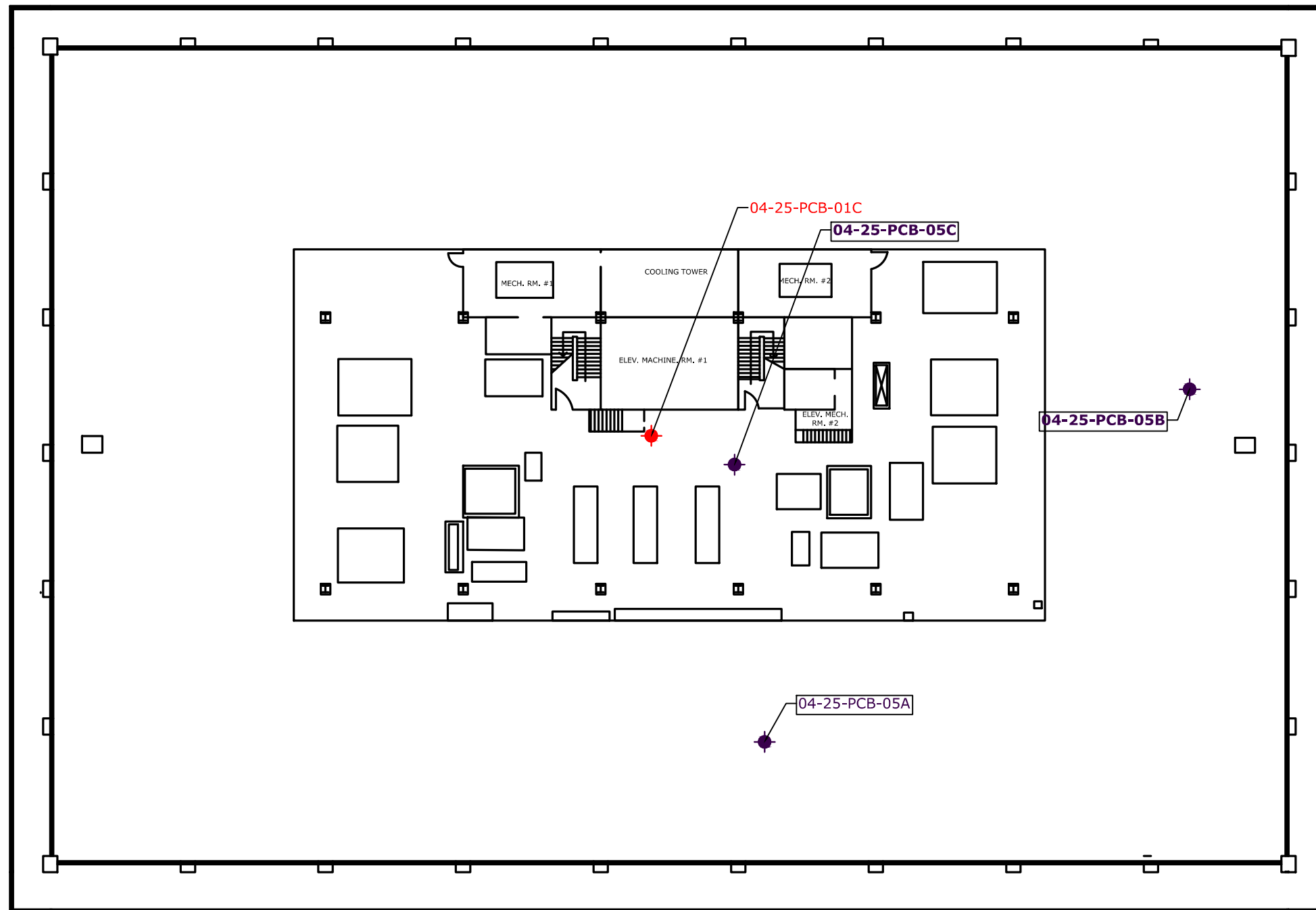
12-16-PCH-01  AC INTERIOR SAMPLE LOCATION

112 ROOM NUMBER / NAME



150 WINDSOR STREET HARTFORD, CONNECTICUT	
HAZARDOUS BUILDING MATERIALS ASSESSMENT ASBESTOS SAMPLE LOCATIONS PARKING LEVEL P1	
DATE: 2/11/2016	 www.tighebond.com
SCALE: 1:30	
FIGURE: HBM-1.8	

Jul 01, 2016 - 8:44am Plotted By: adm  
Tighe & Bond, Inc. C:\Users\adam\appdata\local\temp\AcPublish\_5272\C1077-B-XD-SITE.dwg



**KEY**

PCBs - POLYCHLORINATED BI-PHENYLS  
PPM - PARTS PER MILLION

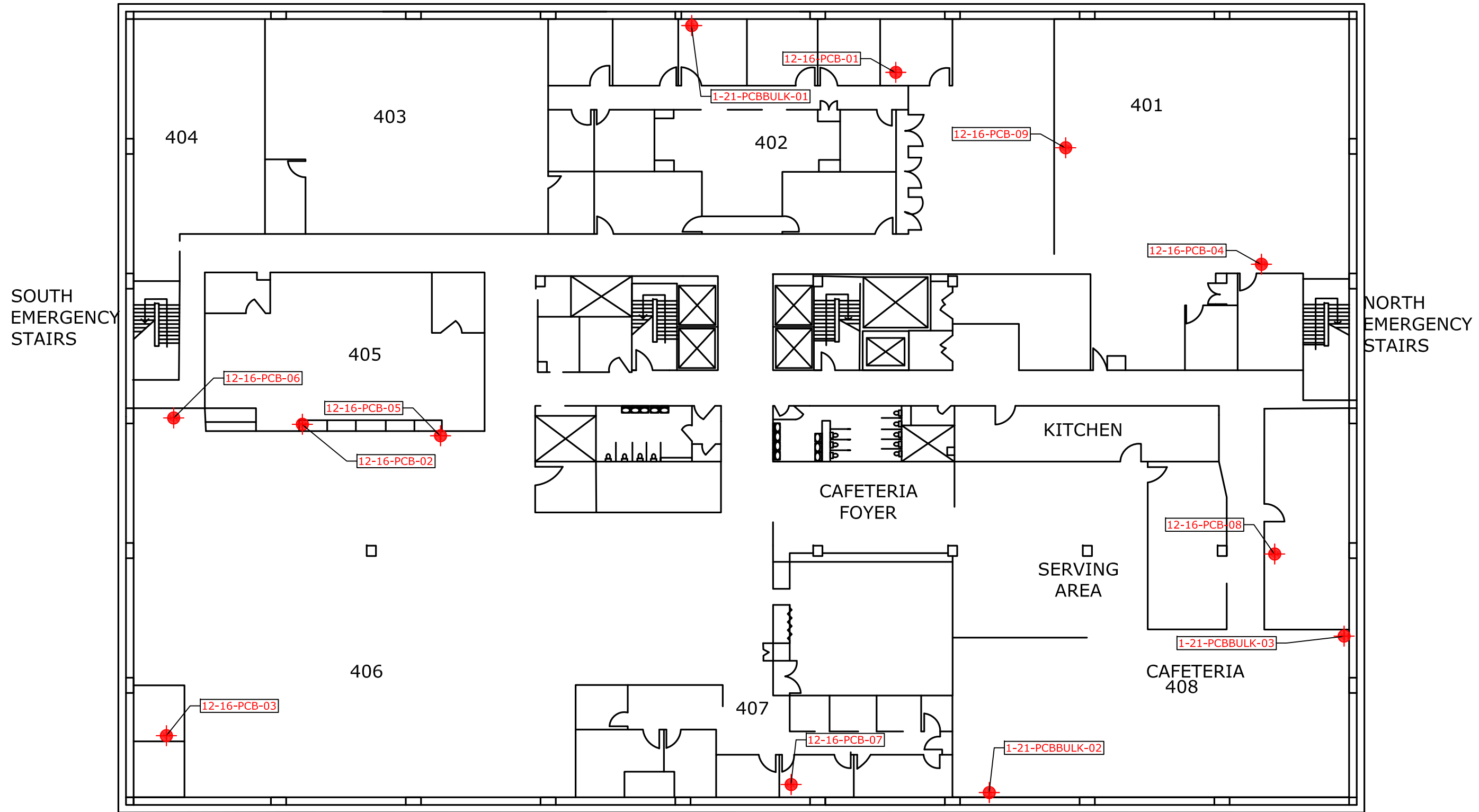
- INTERIOR SAMPLE LOCATION
- EXTERIOR SAMPLE LOCATION

- 12-16-PCB-01 INDICATES PCBs < 1 PPM
- 12-16-PCB-01 INDICATES PCBs > 1 PPM BUT < 50 PPM
- 04-25-PCB-01 INDICATES PCBs ≥ 50 PPM



112 ROOM NUMBER / NAME

150 WINDSOR STREET HARTFORD, CONNECTICUT	
HAZARDOUS BUILDING MATERIALS ASSESSMENT ASBESTOS SAMPLE LOCATIONS PENTHOUSE / ROOF	
DATE: 12/17/2015	 www.tighebond.com
SCALE: 1:25	
FIGURE: HBM-2.1	

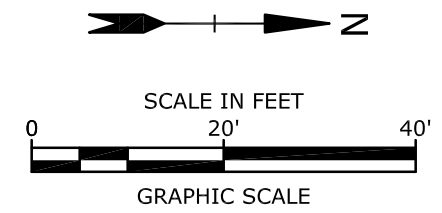
May 02, 2016-3:51pm Plotted By: wachampagne  
 Tighe & Bond, Inc. 1:\C\1077\_CRCOG Brownfields\Sites\Hartford\_Sites\Windsor-St\Drawings\CAD\C1077-B-XD-SITE.dwg




**KEY**  
 PCBs - POLYCHLORINATED BI-PHENYLS  
 PPM - PARTS PER MILLION

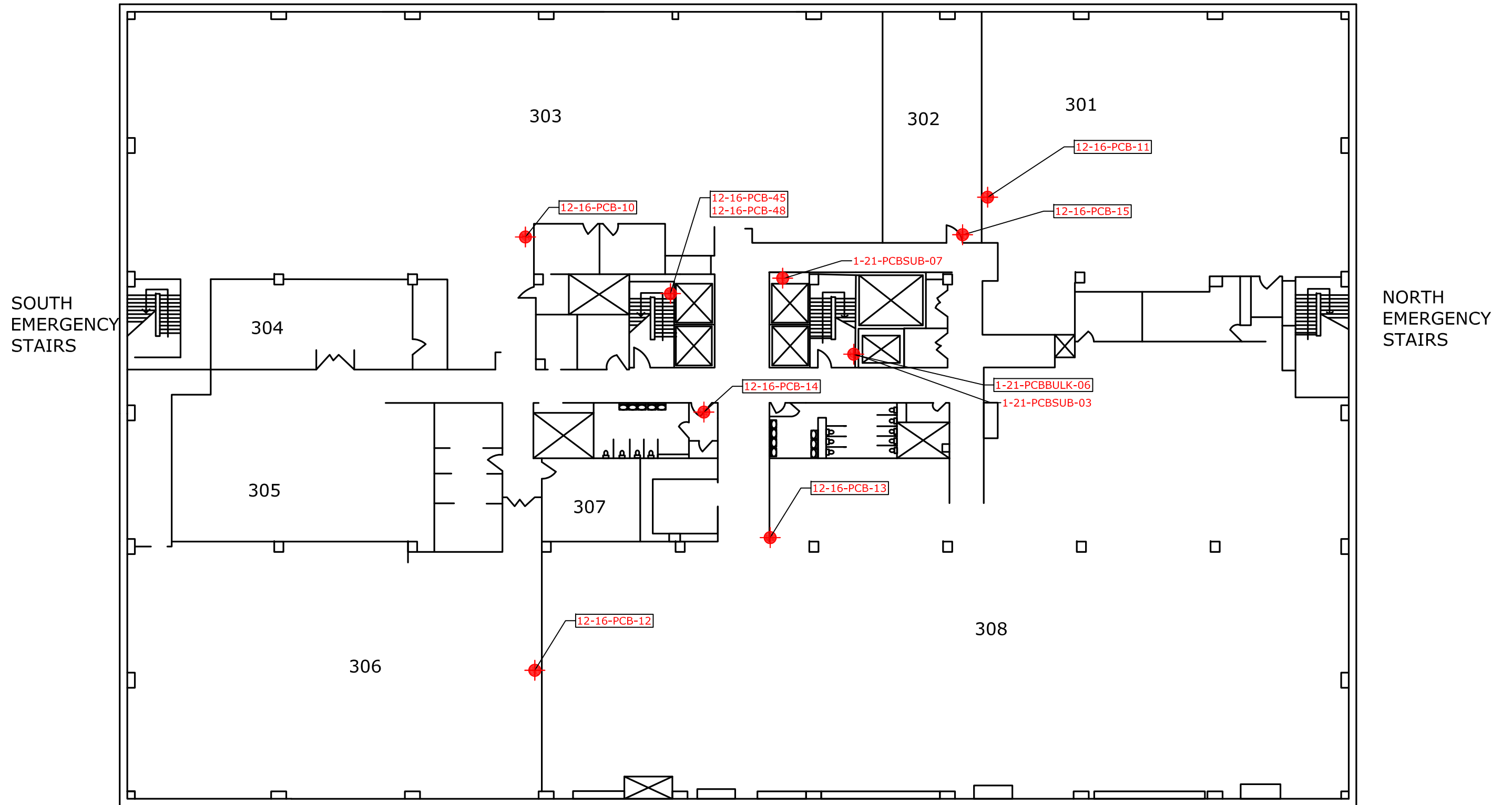
 INTERIOR SAMPLE LOCATION  
 EXTERIOR SAMPLE LOCATION

12-16-PCB-01 — INDICATES PCBs < 1 PPM  
 12-16-PCB-02 — INDICATES PCBs > 1 PPM BUT < 50 PPM  
 112 — ROOM NUMBER / NAME





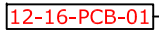
<b>150 WINDSOR STREET          HARTFORD, CONNECTICUT</b>	
<b>HAZARDOUS BUILDING MATERIALS          PCB SAMPLE LOCATIONS          FOURTH FLOOR</b>	
DATE: 2/11/2016	 <a href="http://www.tighebond.com">www.tighebond.com</a>
SCALE: 1:20	
FIGURE: HBM-2.2	

May 02, 2016-3:52pm Plotted By: wachampagne  
Tighe & Bond, Inc. 1:\C\1077\_CRCOG Brownfields\Sites\Hartford\_Sites\Windsor-St\Drawings\CAD\C1077-B-XD-SITE.dwg

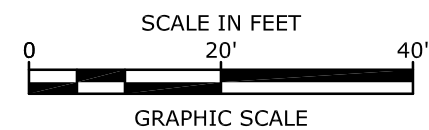
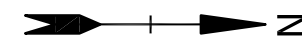


**KEY**  
PCBs - POLYCHLORINATED BI-PHENYLS  
PPM - PARTS PER MILLION

 INTERIOR SAMPLE LOCATION  
 EXTERIOR SAMPLE LOCATION

 12-16-PCB-01 INDICATES PCBS > 1 PPM BUT < 50 PPM

112 ROOM NUMBER / NAME



150 WINDSOR STREET  
HARTFORD, CONNECTICUT

HAZARDOUS BUILDING MATERIALS  
ASSESSMENT  
PCB SAMPLE LOCATIONS  
THIRD FLOOR

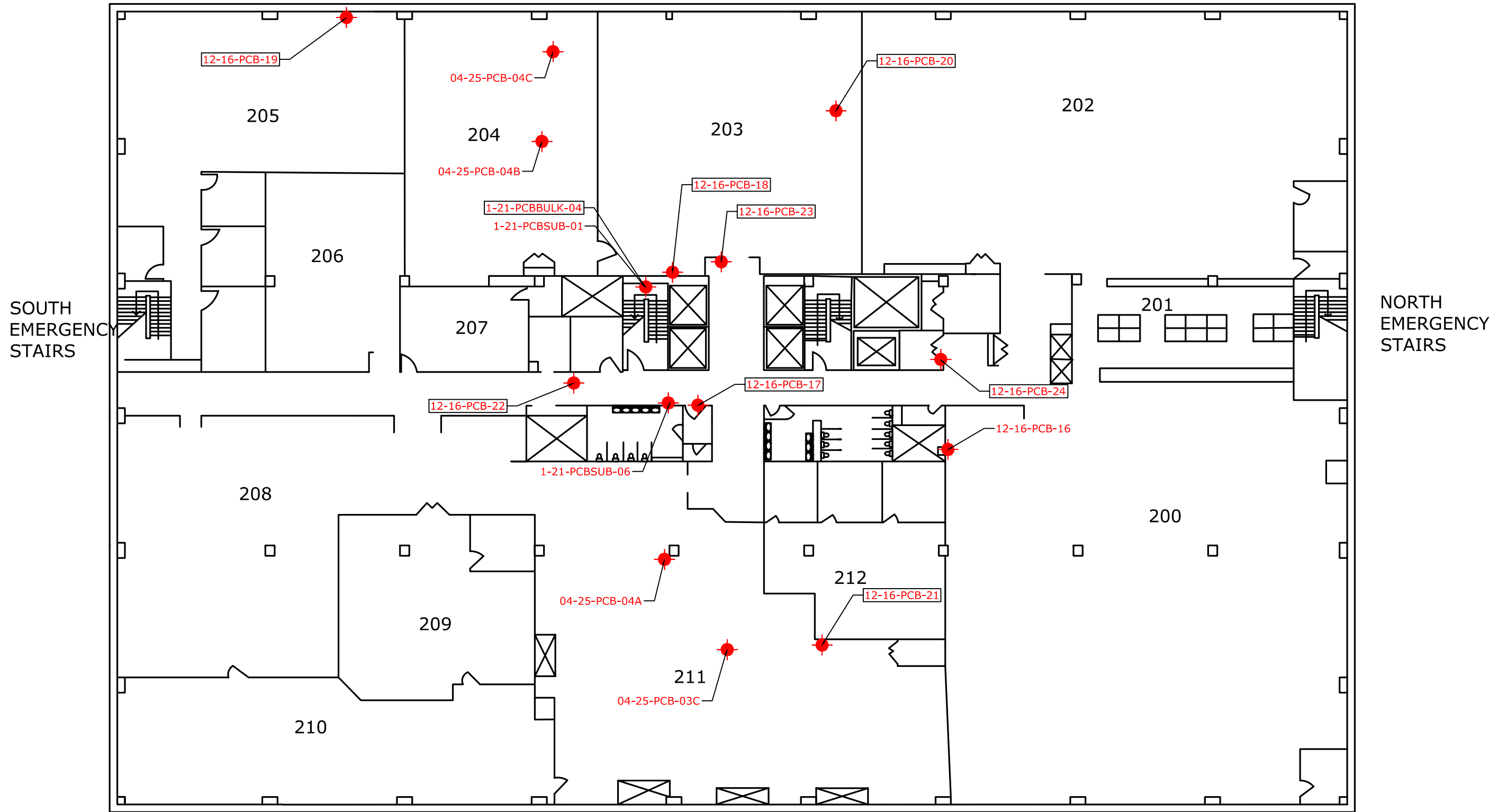
DATE: 2/11/2016

SCALE: 1:20

FIGURE: HBM-2.3

**Tighe & Bond**  
www.tighebond.com

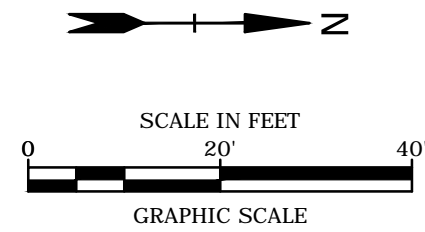
May 02, 2016 - 3:53pm Plotted By: wachampagne  
Tighe & Bond, Inc. J:\C\1077\_CRCOG\_Brownfields\Sites\Hartford Sites\Drawings\CAD\C1077-B-XD-SITE.dwg




**KEY**  
PCBs - POLYCHLORINATED BI-PHENYLS  
PPM - PARTS PER MILLION

● INTERIOR SAMPLE LOCATION  
● EXTERIOR SAMPLE LOCATION

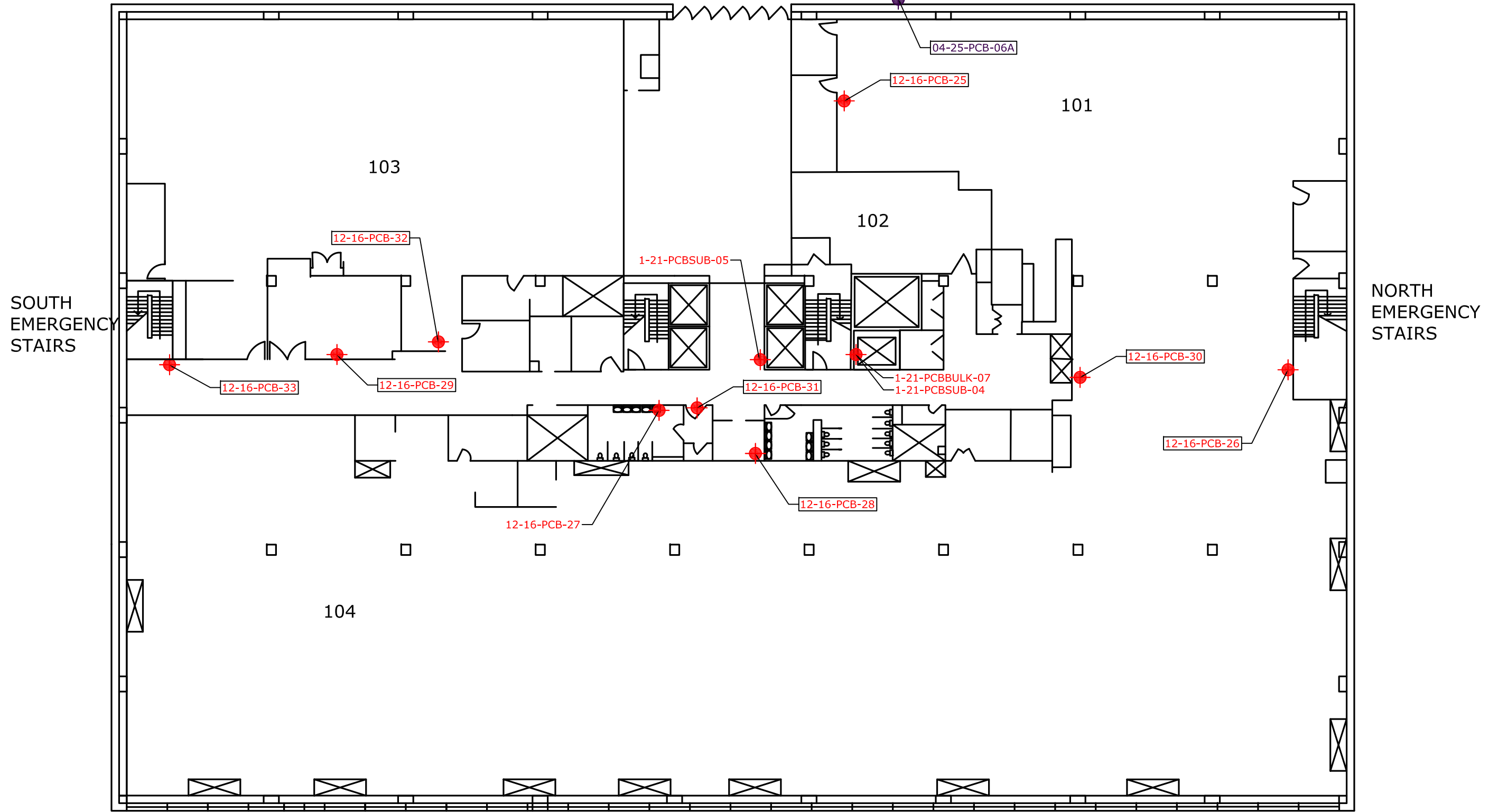
12-16-PCB-01 INDICATES PCBS < 1 PPM  
12-16-PCB-01 INDICATES PCBS > 1 PPM BUT < 50 PPM  
112 ROOM NUMBER / NAME





150 WINDSOR STREET HARTFORD, CONNECTICUT	
HAZARDOUS BUILDING MATERIALS ASSESSMENT PCB SAMPLE LOCATIONS SECOND FLOOR	
DATE: 2/11/2016	 www.tighebond.com
SCALE: 1:20	
FIGURE: HBM-2.4	





May 02, 2016-3:53pm Plotted By: wachampagne  
Tighe & Bond, Inc. \\C:\C1077\_CRCOG Brownfields\Sites\Hartford\_Sites\Windsor\_Site\Drawings\CAD\C1077-B-XD-SITE.dwg

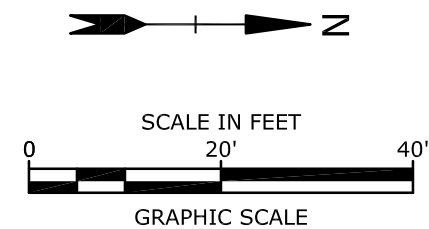



**KEY**  
PCBs - POLYCHLORINATED BI-PHENYLS  
PPM - PARTS PER MILLION

 INTERIOR SAMPLE LOCATION  
 EXTERIOR SAMPLE LOCATION

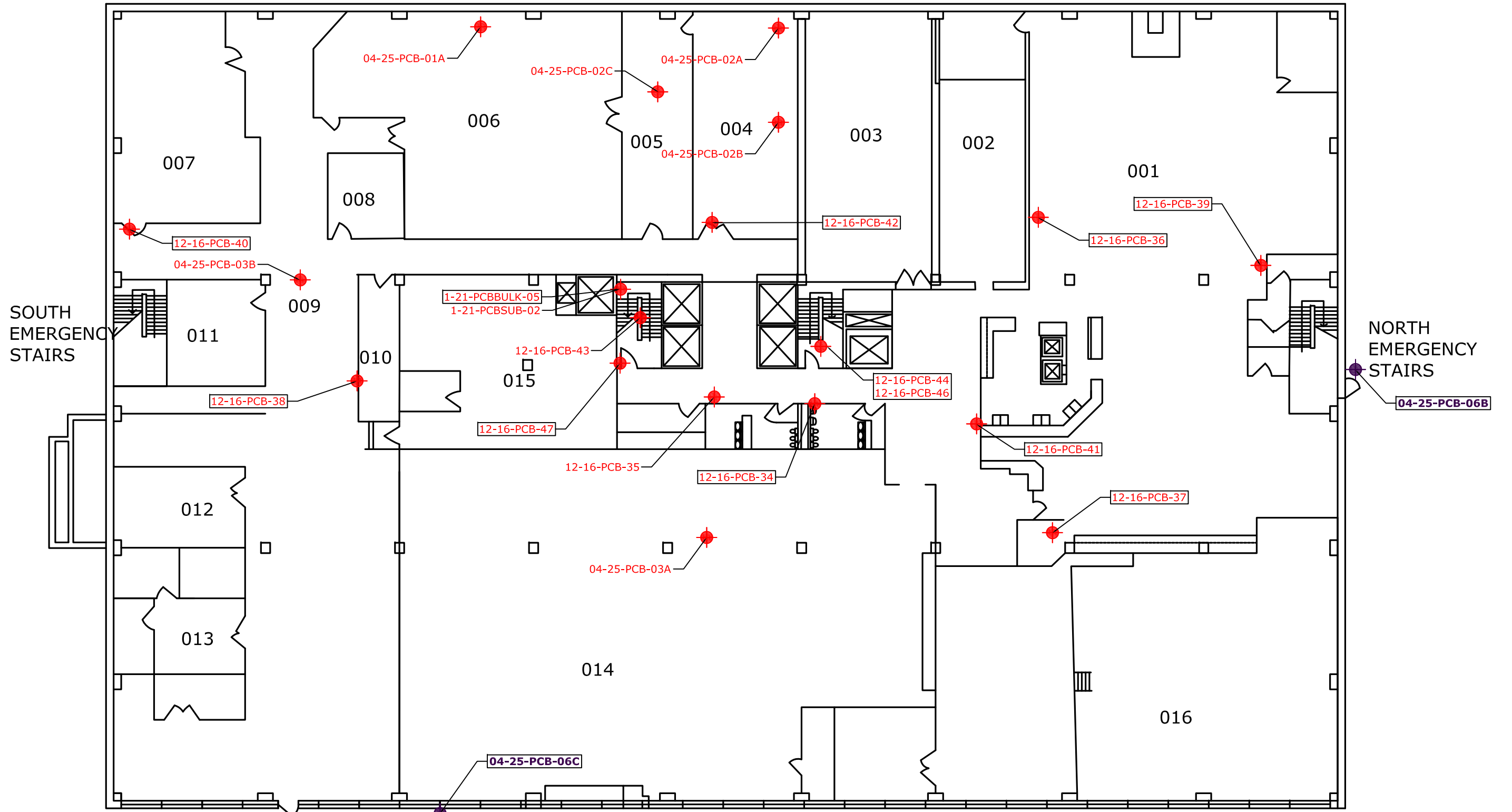
 12-16-PCB-01 INDICATES PCBs < 1 PPM  
 12-16-PCB-01 INDICATES PCBs > 1 PPM BUT < 50 PPM

112 ROOM NUMBER / NAME








150 WINDSOR STREET HARTFORD, CONNECTICUT	
HAZARDOUS BUILDING MATERIALS ASSESSMENT PCB SAMPLE LOCATIONS FIRST FLOOR	
DATE: 2/11/2016	 www.tighebond.com
SCALE: 1:20	
FIGURE: HBM-2.5	

May 02, 2016-2:57pm Plotted By: wachampagne  
 Tighe & Bond, Inc. 1:\C\1077\_CRCOG Brownfields\Sites\Hartford\_Sites\Windsor-St\Drawings\CAD\C1077-B-XD-SITE.dwg

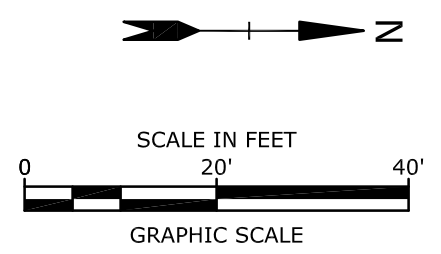



**KEY**  
 PCBs - POLYCHLORINATED BI-PHENYLS  
 PPM - PARTS PER MILLION

 INTERIOR SAMPLE LOCATION  
 EXTERIOR SAMPLE LOCATION

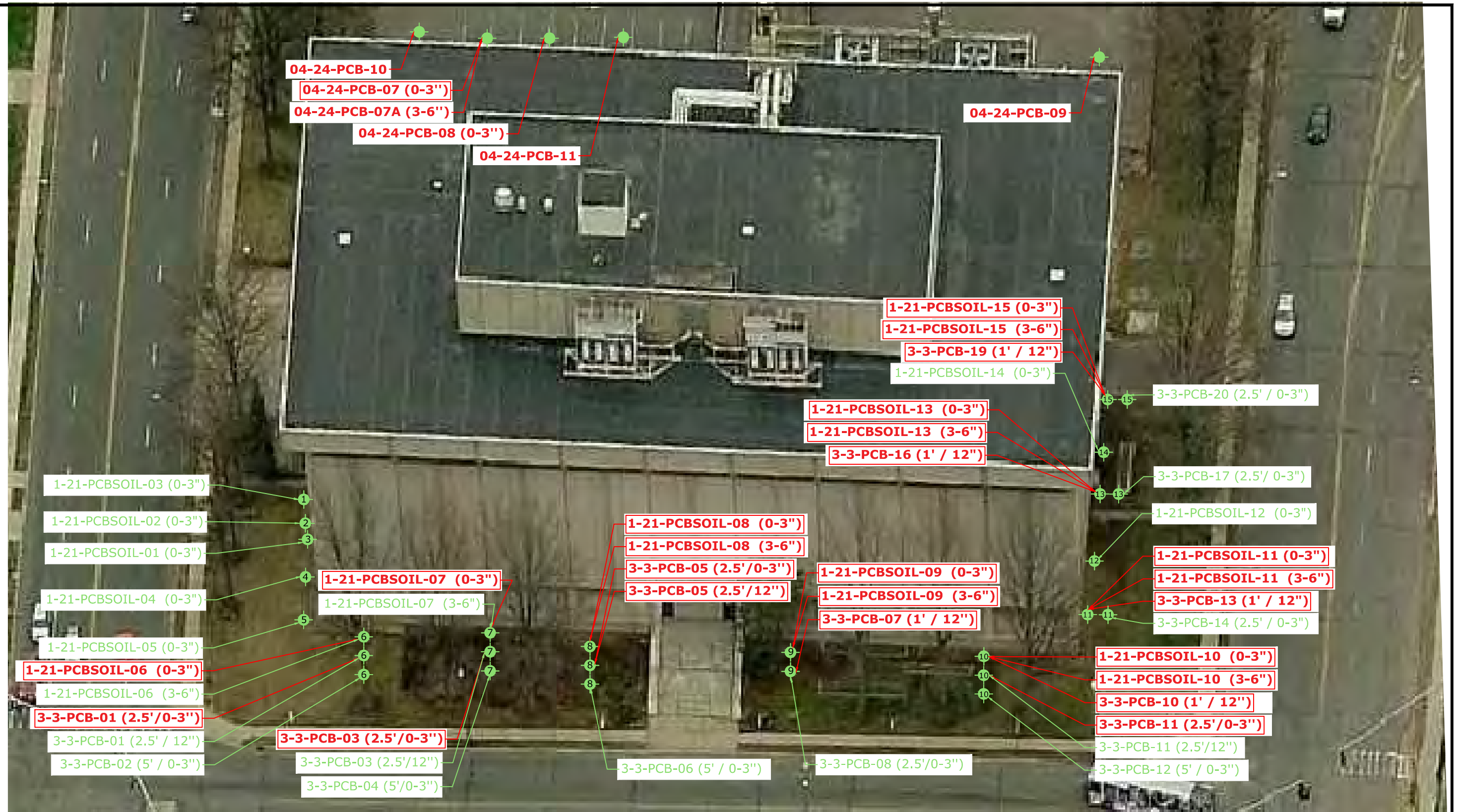
 12-16-PCB-01 INDICATES PCBs < 1 PPM  
 12-16-PCB-01 INDICATES PCBs > 1 PPM BUT < 50 PPM  
 12-16-PCB-01 INDICATES PCBs ≥ 50 PPM

112 ROOM NUMBER / NAME



<b>150 WINDSOR STREET          HARTFORD, CONNECTICUT</b>	
<b>HAZARDOUS BUILDING MATERIALS          ASSESSMENT          PCB SAMPLE LOCATIONS          SERVICE FLOOR</b>	
DATE: 2/11/2016	 <a href="http://www.tighebond.com">www.tighebond.com</a>
SCALE: 1:20	
FIGURE: HBM-2.6	

Jul 01, 2016 8:44am Plotted By: adm Tighe & Bond, Inc. C:\Users\adm\appdata\local\Temp\AcPublish\_5272\C1077-B-XD-SITE.dwg



**KEY**  
 PCBs - POLYCHLORINATED BI-PHENYLS  
 PPM - PARTS PER MILLION

① SOIL SAMPLE LOCATION WITH GENERAL LOCATION NUMBER

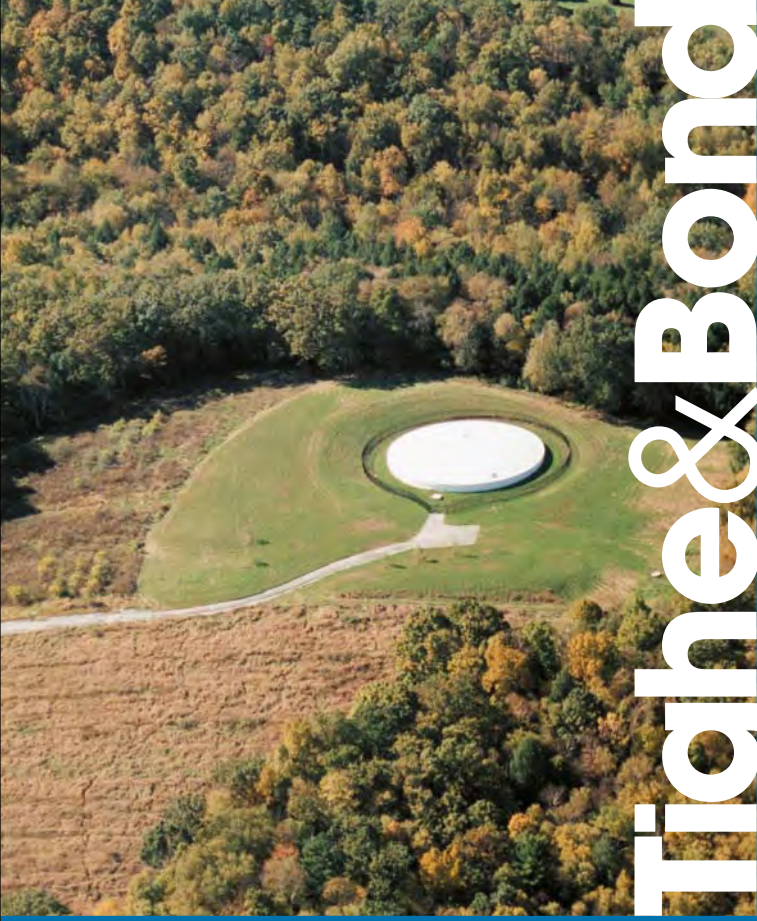
12-16-PCB-01 — INDICATES PCBs ≤ 1 PPM  
 12-16-PCB-01 — INDICATES PCBs > 1 PPM BUT < 50 PPM

112 ROOM NUMBER / NAME



150 WINDSOR STREET HARTFORD, CONNECTICUT	
HAZARDOUS BUILDING MATERIALS ASSESSMENT PCB SOIL SAMPLE LOCATIONS	
DATE: 3/24/2016	<b>Tighe &amp; Bond</b> www.tighebond.com
NOT TO SCALE	
FIGURE: HBM-2.7	







# Tighe & Bond

**Client:** Capitol Region Council of Governments, Connecticut

**Job Number:** C-1077-6

**Site:** 150 Windsor Street, Hartford, CT

<b>Photograph No.:</b> 1	<b>Date:</b> 12/21/15
<b>Description:</b> Service Level—Switchgear Room. Left Spray-on Fireproofing (Asbestos-Containing) found in rear of room; Right Spray-on Fireproofing (Non-Asbestos Containing)	
	

<b>Photograph No.:</b> 2	<b>Date:</b> 12/21/15
<b>Description:</b> Asbestos-Containing Pipe Mastic in Utility Closets	
	



**Client:** Capitol Region Council of Governments, Connecticut

**Job Number:** C-1077-6

**Site:** 150 Windsor Street, Hartford, CT


<b>Photograph No.:</b> 3	<b>Date:</b> 12/21/15
<b>Description:</b> Asbestos-Containing Floor Tile and Mastic under Carpet Squares in Passenger Elevators	
	

<b>Photograph No.:</b> 4	<b>Date:</b> 12/18/15
<b>Description:</b> Asbestos-Containing Seam Mastic in Penthouse AHU Fresh Air Chamber	
	


**Client:** Capitol Region Council of Governments, Connecticut

**Job Number:** C-1077-6

**Site:** 150 Windsor Street, Hartford, CT

<b>Photograph No.:</b> 5	<b>Date:</b> 12/22/15
<b>Description:</b> Asbestos-Containing Floor Tile and Mastic—3rd Floor Storage Room	
	

The photograph shows a close-up of a floor in a storage room. A large, dark, textured tile is being lifted or broken, revealing a brown, fibrous mastic underneath. The surrounding floor is a light blue-green color.

<b>Photograph No.:</b> 6	<b>Date:</b> 12/16/15
<b>Description:</b> Asbestos-Containing Tan Joint Compound associated with Sheetrock —Perimeter Walls	
	

The photograph shows a close-up of a wall joint. A piece of tan, fibrous joint compound is peeling away from a white sheetrock surface, exposing a darker, fibrous material underneath.



**Client:** Capitol Region Council of Governments, Connecticut  
**Site:** 150 Windsor Street, Hartford, CT

**Job Number:** C-1077-6


<b>Photograph No.:</b> 7	<b>Date:</b> 12/18/15
<b>Description:</b> Asbestos-containing Pipe Joint Cement—Penthouse	
	


<b>Photograph No.:</b> 8	<b>Date:</b> 12/16/15
<b>Description:</b> Asbestos-Containing Green/Black Mastic under Carpet Squares—4th Floor	
	

**Client:** Capitol Region Council of Governments, Connecticut

**Job Number:** C-1077-6

**Site:** 150 Windsor Street, Hartford, CT

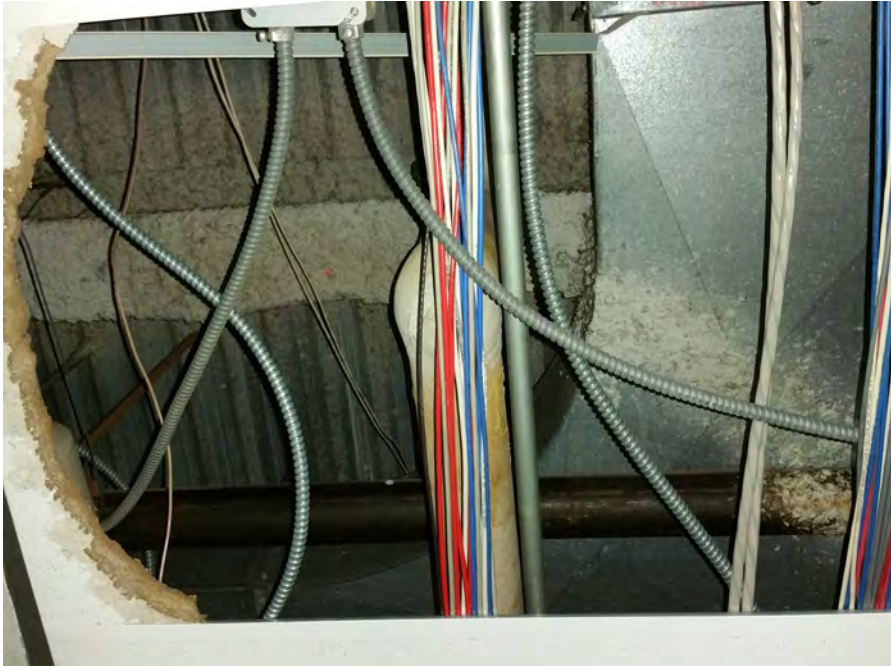
<b>Photograph No.:</b> 9	<b>Date:</b> 12/21/15
<b>Description:</b> Asbestos-Containing Spray-on Fireproofing Material above Ceiling	
	

<b>Photograph No.:</b> 10	<b>Date:</b> 12/21/15
<b>Description:</b> Asbestos-Containing Spray-on Fireproofing Material on Beams in Penthouse	
	



**Client:** Capitol Region Council of Governments, Connecticut  
**Site:** 150 Windsor Street, Hartford, CT

**Job Number:** C-1077-6

<b>Photograph No.:</b> 11	<b>Date:</b> 12/16/15
<b>Description:</b> Asbestos-Containing Spray-on Fireproofing Exposed with Fallen Ceiling Tile	
	

<b>Photograph No.:</b> 12	<b>Date:</b> 12/16/15
<b>Description:</b> Asbestos-Containing Spray-on Fireproofing Exposed with Fallen Ceiling Tile	
	

**Client:** Capitol Region Council of Governments, Connecticut

**Job Number:** C-1077-6

**Site:** 150 Windsor Street, Hartford, CT


<b>Photograph No.:</b> 13	<b>Date:</b> 12/22/15
<b>Description:</b> Non-asbestos containing green tint spray-on fireproofing in multiple locations on Service Level	


<b>Photograph No.:</b> 14	<b>Date:</b> 12/22/15
<b>Description:</b> Non-asbestos containing red tint spray-on fireproofing; Service Level and 2nd Floor	



**Client:** Capitol Region Council of Governments, Connecticut  
**Site:** 150 Windsor Street, Hartford, CT


**Job Number:** C-1077-6


<b>Photograph No.:</b> 15	<b>Date:</b> 12/18/15
<b>Description:</b> Typical Light Ballast (Electronic) with "NO PCBs" label within building	
	

<b>Photograph No.:</b> 16	<b>Date:</b> 12/18/15
<b>Description:</b> Mercury Thermometer found in multiple locations in building	
	

**Client:** Capitol Region Council of Governments, Connecticut  
**Site:** 150 Windsor Street, Hartford, CT

**Job Number:** C-1077-6


<b>Photograph No.:</b> 17	<b>Date:</b> 12/22/15
<b>Description:</b> Typical Data Center Floor with Raised Flooring	
	

<b>Photograph No.:</b> 18	<b>Date:</b> 12/22/15
<b>Description:</b> Workstation areas on 4th Floor	
	

**Client:** Capitol Region Council of Governments, Connecticut

**Job Number:** C-1077-6

**Site:** 150 Windsor Street, Hartford, CT

<b>Photograph No.:</b> 19	<b>Date:</b> 12/18/15
<b>Description:</b> Asbestos-Containing Spray-on Fireproofing in Penthouse beams by AHU Dampers	
	


<b>Photograph No.:</b> 20	<b>Date:</b> 12/18/15
<b>Description:</b> Asbestos-Containing Spray-on Fireproofing in Penthouse beam by AHU Intake	
	



**Client:** Capitol Region Council of Governments, Connecticut  
**Site:** 150 Windsor Street, Hartford, CT

**Job Number:** C-1077-6


<b>Photograph No.:</b> 21	<b>Date:</b> 12/18/15
<b>Description:</b> PCB Containing Exterior Expansion Joint Caulk (>50 ppm)	
	

<b>Photograph No.:</b> 22	<b>Date:</b> 12/18/15
<b>Description:</b> PCB Containing Paint on Plaster (>1 ppm, but <50 ppm)	
	



**Client:** Capitol Region Council of Governments, Connecticut  
**Site:** 150 Windsor Street, Hartford, CT

**Job Number:** C-1077-6

<b>Photograph No.:</b> 23	<b>Date:</b> 12/18/15
<b>Description:</b> PCB Containing Paint on CMU Walls in Center Stairwells (>1 ppm, but <50 ppm)	
	

<b>Photograph No.:</b> 24	<b>Date:</b> 12/18/15
<b>Description:</b> PCB Containing Paint on Sheetrock in Majority of Building (>1 ppm, but <50 ppm)	
	



# Tighe & Bond

**Table 1**

Summary of Asbestos Containing Materials  
 150 Windsor Street  
 Hartford, CT

**Sampling Date:** December 16, 18, 21, and 22, 2015

Sample #	Material	Color	Location	Approximate Quantity	Result
<b>Tight and Bond Sampling</b>					
12-16-PCH-13					10% Chrysotile
12-16-PCH-14	White Pipe Mastic	White/Yellow	Utility Closets and Scattered areas on All floors	850 LF	Stop Positive (Not Analyzed)
12-16-PCH-15					Stop Positive (Not Analyzed)
12-18-PCH-29	Black Seam Mastic on Fiberglass Insulation	Black/Tan	Penthouse AHU Intake on 6 Large Units	1,200 SF	5% Chrysotile
12-18-PCH-30					Stop Positive (Not Analyzed)
12-21-PCH-50-Floor Tile	Beige 12"x12" Floor Tile with Black Mastic	Beige	Elevator (Top Layer)	144 SF	2% Chrysotile
12-21-PCH-50-Mastic					8% Chrysotile
12-21-PCH-51-Floor Tile	Beige 12"x12" Floor Tile with Black Mastic	Beige	Elevator (Top Layer)	144 SF	Stop Positive (Not Analyzed)
12-21-PCH-51-Floor Mastic					Stop Positive (Not Analyzed)
12-21-PCH-52	Black 12"x12" Floor Tile	Black	Elevator (Bottom Layer)	144 SF	3% Chrysotile
12-21-PCH-53					Stop Positive (Not Analyzed)
12-21-PCH-64	Gray Metal Door/ Louver Caulk	Gray	P1 and P2 Perimeter Doors and Louvers	270 SF	1.2% Chrysotile*
12-21-PCH-65					2.6% Chrysotile*
12-21-PCH-69				Confirmed same material as majority of the building; quantity is included in estimate below	60% Chrysotile
12-21-PCH-70	White/Gray Spray-Applied Fireproofing**	White/Gray	Service Level - Switchgear Room Back**		Stop Positive (Not Analyzed)
12-21-PCH-71					Stop Positive (Not Analyzed)

**Table 1**

Summary of Asbestos Containing Materials  
 150 Windsor Street  
 Hartford, CT

<b>Sample #</b>	<b>Material</b>	<b>Color</b>	<b>Location</b>	<b>Approximate Quantity</b>	<b>Result</b>
<b>Assumed Asbestos-Containing Materials</b>					
N/A	Water Fountain Components	Not Determined	Service Level to 4th Floor	10 Each	Assumed
N/A	Underground Transite Piping	Not Determined	Under Soil around Building	200 LF	Assumed
N/A	Underground Gaskets	Not Determined	Under Soil around Building	50 Each	Assumed
N/A	Elevator Components	Not Determined	Elevator Doors, Panels, Ropes, Etc. On 5 Floors	5 Total Elevators; 4 Passenger & 1 Freight	Assumed
<b>Smith &amp; Wessel Report</b>					
Smith & Wessel Sample 01A	White/Gray Spray-Applied Fireproofing	White/Gray	Penthouse - Throughout***	9,600 SF	40-45% Chrysotile
Smith & Wessel Sample 02A	Gray Mudded Pipe Fitting Insulation	Gray/White	Penthouse - Throughout	450 Fittings	3% Chrysotile
Smith & Wessel Sample 04A	Brown Duct Seam Sealant	Brown	Penthouse - At Elevator	435 LF	8% Chrysotile
Smith & Wessel Sample (Assumed)	Transite Power Box/Panel Components	Gray	Penthouse - Throughout	20 (estimate)	Assumed
Smith & Wessel Sample 07A	Black Window Glazing Compound	Black	4th Floor Perimeter	120 Units (Approx. 4' x 4') ****	2% Chrysotile
Smith & Wessel Sample 08A, 25A, 41A, 61A, 69A, 77A	Gray Spray-Applied Fireproofing	Gray	Service Level to 4th Floor, On Beams and Deck, within Columns and behind walls***	195,000 SF	45% Chrysotile
Smith & Wessel Sample 12A, 13A, 17A, 19A	Beige 12"x12" Floor Tile with Black Mastic	Beige/Gray/Tan	Floor 4 Cafeteria Serving and Adjoining Halls	2,900 SF	2% Chrysotile
Smith & Wessel Sample 12A, 13A	Beige 12" x 12" Floor Tile with Black Mastic (under carpet squares)	Beige/Gray/Tan	Floor 4 - Throughout - West Offices, Halls, Elevator Hall, East Office Lobby and East Administration	4,200 SF	4% Chrysotile; 10% Chrysotile
Smith & Wessel Sample 15A	Beige Pin Glue Associated with Fiberglass Insulation	Beige	Floor 4 Throughout Perimeter Walls Under Windows	4,700 SF	10% Chrysotile



**Table 1**

Summary of Asbestos Containing Materials  
 150 Windsor Street  
 Hartford, CT

Sample #	Material	Color	Location	Approximate Quantity	Result
<b>Smith &amp; Wessel Report (Continued)</b>					
Smith & Wessel Sample 20A	Black / Green Carpet Mastic Adhesive	Black/Green	Floor 4 - East Training Room Closest to Cafeteria and Room 402 and Portion of Room 407****	2,380 SF****	6% Chrysotile
Smith & Wessel Sample 24A, 42A	Tan Joint Compound associated with Gypsum Wall Board	Tan	Perimeter Walls and Columns (Floors 1 -4)	45,000 SF****	2% Chrysotile
Smith & Wessel Sample 37A	Gray with Blue and Red Streaked 12" x 12" Floor tile with Black Mastic	Gray/Blue/Red	Floor 3 - Storage Room with Built in Wall Metal shelving Off Hall at Raised Computer Room Door	180 SF	4% Chrysotile
Smith & Wessel Sample 039A, 40A	Beige 12"x12" Floor Tile with Black Mastic (primarily under carpet squares)	Beige/Gray/Tan	Floor 2 and 3 - Elevator Lobbies, Halls, and Street Level Small Room Near Main Elevators	550 SF	4% Chrysotile; 10% Chrysotile
Smith & Wessel Sample 80A	Brown Duct Seam Sealant	Brown	Throughout Various Plenum Space Areas	4,500 LF (Approximate)	8% Chrysotile
<b>Contaminated Items</b>					
N/A	Carpets	N/A	Service Level to 4th Floor	60,150 SF	Contaminated by Spray-Applied Fireproofing
N/A	Air Handling Units (AHUs)	N/A	Penthouse	8 Each	Same as Above
N/A	Sheetrock Walls	N/A	Service Level to 4th Floor	180,000 SF *****	Same as Above
N/A	Plaster Walls/Ceilings	N/A	Service Level to 4th Floor	20,308 SF	Same as Above
N/A	All Surfaces Including but not Limited to Mechanical, Electrical, and Plumbing (MEP) Equipment	N/A	Service Level Switchgear Room and Entire Penthouse	13,000 SF	Same as Above

**LEGEND**

Asbestos Containing Material = > 1% Asbestos

\* Material was analyzed via Transmission Electron Microscopy Analysis

\*\* Determined to be same asbestos-containing spray-applied fireproofing material found on service level to Penthouse

\*\*\* Fireproofing Material is found behind walls and fallen onto multiple surfaces below the ceilings; All items from the ceilings to the roof deck are considered asbestos contaminated

\*\*\*\* Locations and/or Quantities of Material have been adjusted since Smith and Wessel Report

\*\*\*\*\* Quantity does not include 45,000 SF of Perimeter Sheetrock with ACM Joint Compound Previously Noted

LF= LINEAR FEET SF= SQUARE FEET

**Table 2**

Summary of Non-Asbestos Containing Materials  
 150 Windsor Street  
 Hartford, CT

Sampling Date: December 16, 18, 21 and 22, 2015

<b>Sample #</b>	<b>Material</b>	<b>Color</b>	<b>Location</b>	<b>Result</b>
12-16-PCH-01	White Plaster Skim Coat	White	4th Floor Kitchen Ceiling	None Detected
12-16-PCH-02	White Plaster Skim Coat	White	2nd Floor Men's Restroom Ceiling	None Detected
12-16-PCH-03	White Plaster Skim Coat	White	1st Floor Women's Restroom Ceiling	None Detected
12-16-PCH-04	Brown Plaster Rough Coat	Gray/Brown	4th Floor Kitchen Ceiling	None Detected
12-16-PCH-05	Brown Plaster Rough Coat	Gray/Brown	2nd Floor Men's Restroom Ceiling	None Detected
12-16-PCH-06	Brown Plaster Rough Coat	Gray/Brown	1st Floor Women's Restroom Ceiling	None Detected
12-16-PCH-07	Tan 4" Vinyl Cove Base	Tan	4th Floor West	None Detected
12-16-PCH-08	Tan 4" Vinyl Cove Base	Tan	2nd Floor Woman's Restroom Foyer	None Detected
12-16-PCH-09	Blue 4" Vinyl Cove Base	Blue	4th Floor Hallway	None Detected
12-16-PCH-10	Blue 4" Vinyl Cove Base	Blue	1st Floor Main Lobby	None Detected
12-16-PCH-11	Cream Cove Base Mastic	Tan	4th Floor West	None Detected
12-16-PCH-12	Cream Cove Base Mastic	Tan	1st Floor Main Lobby	None Detected
12-16-PCH-16	Gray 3" Mudded Pipe Joint Cement	Gray	4th Floor Hall by Serving	None Detected
12-16-PCH-17	Gray 3" Mudded Pipe Joint Cement	Gray	4th Floor Hall by Serving	None Detected
12-16-PCH-18	Gray 3" Mudded Pipe Joint Cement	Gray	4th Floor Hall by Serving	None Detected

**Table 2**

Summary of Non-Asbestos Containing Materials  
 150 Windsor Street  
 Hartford, CT

Sample #	Material	Color	Location	Result
12-16-PCH-19	Gray 4" Mudded Pipe Joint Cement	Gray	4th Floor Custodial Closet	None Detected
12-16-PCH-20	Gray 4" Mudded Pipe Joint Cement	Gray	3rd Floor Custodial Closet	None Detected
12-16-PCH-21	Gray 4" Mudded Pipe Joint Cement	Gray	1st Floor Custodial Closet	None Detected
12-16-PCH-22	Gray 8" Roof Drain Mudded Pipe Joint Cement	Gray	4th Floor	None Detected
12-16-PCH-23	Gray 8" Roof Drain Mudded Pipe Joint Cement	Gray	4th Floor	None Detected
12-16-PCH-24	Gray 8" Roof Drain Mudded Pipe Joint Cement	Gray	4th Floor	None Detected
12-16-PCH-25	Blue/Green Thick Resilient Sheet Flooring	Blue	3rd Floor West	None Detected
12-16-PCH-26	Blue/Green Thick Resilient Sheet Flooring	Blue	2nd Floor Hallway	None Detected
12-16-PCH-27	Gray Adhesive Associated with Blue/Green Resilient Sheet Flooring	Gray	3rd Floor West	None Detected
12-16-PCH-28	Gray Adhesive Associated with Blue/Green Resilient Sheet Flooring	Gray	2nd Floor Hallway	None Detected
12-18-PCH-31	Yellow/Grey Flue Seam Caulk	Gray	Main Roof	None Detected
12-18-PCH-32	Yellow/Grey Flue Seam Caulk	Gray	Main Roof	None Detected
12-18-PCH-33	Yellow Floor Backing Associated with Resilient Sheet Flooring	Tan/Yellow	3rd Floor Stairwell	None Detected
12-18-PCH-34	Yellow Floor Backing Associated with Resilient Sheet Flooring	Tan/Yellow	1st Floor Stairwell	None Detected
12-18-PCH-35	White Pipe Mastic	Tan/White	Chiller Plant	None Detected
12-18-PCH-36	White Pipe Mastic	Tan/White	Chiller Plant	None Detected

**Table 2**

Summary of Non-Asbestos Containing Materials  
 150 Windsor Street  
 Hartford, CT

<b>Sample #</b>	<b>Material</b>	<b>Color</b>	<b>Location</b>	<b>Result</b>
12-18-PCH-37	White Duct Mastic	Tan/White	Chiller Plant	None Detected
12-18-PCH-38	White Duct Mastic	Tan/White	Chiller Plant	None Detected
12-18-PCH-39	Brown Exterior Wall Stucco	Gray/White	Chiller Plant	None Detected
12-18-PCH-40	Brown Exterior Wall Stucco	Gray/White	Chiller Plant	None Detected
12-18-PCH-41	Brown Exterior Wall Stucco	Gray/White	Chiller Plant	None Detected
12-18-PCH-42	Black Roof Tar	Black	Generator Housing by Chiller Plant	None Detected
12-18-PCH-43	Black Roof Tar	Black	Generator Housing by Chiller Plant	None Detected
12-18-PCH-44	Red Exterior Pipe Penetration Caulk	Red	By Chiller Plant	None Detected
12-18-PCH-45	Red Exterior Pipe Penetration Caulk	Red	By Chiller Plant	None Detected
12-18-PCH-46	Tan Pipe Gasket	Tan	Chiller Plant Entry Area	None Detected
12-18-PCH-47	Tan Pipe Gasket	Tan	Chiller Plant Entry Area	None Detected
12-18-PCH-48	Beige 12"x12" Floor Tile with Black Streaks	Beige	1st Floor Lobby	None Detected
12-18-PCH-49	Beige 12"x12" Floor Tile with Black Streaks	Beige	1st Floor Lobby	None Detected
12-21-PCH-54	Dark Gray Mottled 12"x12" Floor Tile	Gray	2nd Floor Telecom Room	None Detected
12-21-PCH-55	Dark Gray Mottled 12"x12" Floor Tile	Gray	1st Floor Telecom Room	None Detected
12-21-PCH-56	Black Mastic Associated with Gray Floor Tile	Black	2nd Floor Telecom Room	None Detected
12-21-PCH-57	Black Mastic Associated with Gray Floor Tile	Black	1st Floor Telecom Room	None Detected



**Table 2**

Summary of Non-Asbestos Containing Materials  
 150 Windsor Street  
 Hartford, CT

<b>Sample #</b>	<b>Material</b>	<b>Color</b>	<b>Location</b>	<b>Result</b>
12-21-PCH-58	White Textured Ceiling Plaster Top Coat	White	1st Floor Stairwell	None Detected
12-21-PCH-59	White Textured Ceiling Plaster Top Coat	White	1st Floor Stairwell	None Detected
12-21-PCH-60	White Textured Ceiling Plaster Top Coat	White	1st Floor by Loading Dock	None Detected
12-21-PCH-61	Brown Textured Ceiling Plaster Bottom Coat	Brown/Gray	1st Floor Stairwell	None Detected
12-21-PCH-62	Brown Textured Ceiling Plaster Bottom Coat	Brown/Gray	1st Floor Stairwell	None Detected
12-21-PCH-63	Brown Textured Ceiling Plaster Bottom Coat	Brown/Gray	1st Floor by Loading Dock	None Detected
12-21-PCH-66	Gray Spray-Applied Fireproofing (Red Tint)	Gray	Service Level - Switchgear Room Back	None Detected
12-21-PCH-67	Gray Spray-Applied Fireproofing (Red Tint)	Gray	Service Level - Switchgear Room Back	None Detected
12-21-PCH-68	Gray Spray-Applied Fireproofing (Red Tint)	Gray	Service Level - Switchgear Room Back	None Detected
12-21-PCH-72	Gray Spray-Applied Fireproofing	Gray	2nd Floor East Dock	None Detected
12-21-PCH-73	Gray Spray-Applied Fireproofing	Gray	2nd Floor East Column	None Detected
12-21-PCH-74	Gray Spray-Applied Fireproofing	Gray	2nd Floor Room 209	None Detected
12-21-PCH-75	Gray Air Handling Unit Intake Caulk	Gray	Penthouse	None Detected
12-21-PCH-76	Gray Air Handling Unit Intake Caulk	Gray	Penthouse	None Detected
12-21-PCH-77	White Pipe Mastic	White/Tan	Service Level Hallway	None Detected
12-21-PCH-78	White Pipe Mastic	White/Tan	Service Level Hallway	None Detected

**Table 2**

Summary of Non-Asbestos Containing Materials  
150 Windsor Street  
Hartford, CT

<b>Sample #</b>	<b>Material</b>	<b>Color</b>	<b>Location</b>	<b>Result</b>
12-21-PCH-79	Brown Paper-like Fire Door Insulation	Tan/Brown	3rd Floor Utility Room	None Detected
12-21-PCH-80	Brown Paper-like Fire Door Insulation	Tan/Brown	1st Floor Utility Room	None Detected
4-25-PCH-01	Exterior Waterproofing	Black	East Foundation	None Detected
4-25-PCH-02	Exterior Waterproofing	Black	East Foundation	None Detected

**TABLE 3**

Summary of Lead-Based Paint Components  
 150 Windsor Street  
 Hartford, CT

Location	Component	Paint Color	Result (mg/cm <sup>2</sup> )	Substrate	Approximate Quantity
North Loading Dock Areas	Dock Lip	Yellow	<b>3.8</b>	Metal	60 SF
	Corner Guard	Yellow	<b>0.8-1.2</b>	Metal	4 Each
P1 Parking Areas	Floor Lines	Yellow	<b>1.4-2.3</b>	Concrete	550 SF
Throughout Building	Structural Steel	Orange	<b>9.5-11.2</b>	Metal	Not Quantified
Penthouse	Structural Steel	Orange	<b>8</b>	Metal	8,000 SF
Exterior	Sliding Door Frame (North)	Beige	<b>3.2</b>	Metal	2 Each
	Safety Pole (Bollard)	Yellow	<b>3.7</b>	Metal	4 Each
	Sliding Door Frame (South)	Gray	<b>7.8</b>	Metal	1 Each

**LEGEND**

Information was originally reported in the Smith & Wessel inspection report dated June 3, 2015

**Bold** =  $\geq 1.0$  mg/cm<sup>2</sup>; Standard set by EPA/State of Connecticut as being Lead-Based Paint by X-ray Fluorescence

**TABLE 4**

Summary of PCB Source Material Sampling Results  
 150 Windsor Street  
 Hartford, CT

PCB Sample dates: December 16 & 21, 2015, and January 21 and April 25, 2016

Sample #	Material and Type	Aroclor	Total PCB Concentration (ppm)	Location and Description	Approximate Quantity
<b>4th Floor</b>					
12-16-PCB-01		1254	<b>10</b>		
12-16-PCB-02		1254	<b>4.8</b>		
12-16-PCB-03	<u>Source</u>	1254	<b>4.4</b>		
12-16-PCB-07	<u>Material</u> White Paint	1254	<b>5.8</b>	On Sheetrock Walls	64,400 SF
12-16-PCB-08		1254	<b>9.6</b>		
12-16-PCB-09		1254	<b>9.4</b>		
12-16-PCB-04	<u>Source</u>	1254	<b>37</b>		
12-16-PCB-05	<u>Material</u> Multi-color	1254	<b>24</b>	On Metal Door Frames	63 Each
12-16-PCB-06	Paint	1254	<b>22</b>		
12-16-PCB-07	<u>Source</u>	1254	<b>5.8</b>		
12-16-PCB-08	<u>Material</u>	1254	<b>9.6</b>	On Sheetrock Walls	See Above
12-16-PCB-09	White Paint	1254	<b>9.4</b>		
1-21-PCBBULK-01	<u>Source</u>	1254	<b>7.1</b>		
1-21-PCBBULK-02	<u>Material</u> Window	1254	<b>8.9</b>	4th Floor Perimeter	120 Units (4'x4')
1-21-PCBBULK-03	Glazing Compound	1254	<b>6.2</b>		
<b>3rd Floor</b>					
12-16-PCB-10	<u>Source</u>	1254	<b>2.4</b>		
12-16-PCB-11	<u>Material</u>	1254	<b>2.2</b>	On Sheetrock Walls	28,500 SF
12-16-PCB-12	White Paint	1254	<b>2.2</b>		
12-16-PCB-13	<u>Source</u>	1254	<b>6.6</b>		
12-16-PCB-14	<u>Material</u>	1254	<b>9.3</b>	On Metal Door Frames	35 Each
12-16-PCB-15	Multi-color Paint	1254	<b>7.8</b>		



**TABLE 4**

Summary of PCB Source Material Sampling Results  
 150 Windsor Street  
 Hartford, CT

Sample #	Material and Type	Aroclor	Total PCB Concentration (ppm)	Location and Description	Approximate Quantity
<b>2nd Floor</b>					
12-16-PCB-16		N/A	ND <0.96		
12-16-PCB-17	<u>Source</u> <u>Material</u> White Paint	1254	<b>1.2</b>	On Plaster Walls (Behind Wall Covering)*	3,832 SF*
12-16-PCB-18		1254	<b>1.2</b>		
12-16-PCB-19		1254	<b>1.2</b>		
12-16-PCB-20	<u>Source</u> <u>Material</u> White Paint	1254	<b>4.0</b>	On Sheetrock Walls	48,200 SF
12-16-PCB-21		1254	<b>1.3</b>		
12-16-PCB-22	<u>Source</u>	1254	<b>8.3</b>		
12-16-PCB-23	<u>Sample</u> Multi-color Paint	1254	<b>9.1</b>	On Metal Door Frames	40 Each
12-16-PCB-24		1254	<b>10</b>		
<b>1st Floor</b>					
12-16-PCB-25	<u>Source</u>	1254	<b>3.2</b>		
12-16-PCB-26	<u>Material</u> White Paint	1254	<b>3.2</b>	On Plaster Walls (Behind Wall Covering)*	3,832 SF*
12-16-PCB-27		1254	0.83		
12-16-PCB-28	<u>Source</u>	1254	<b>1.1</b>		
12-16-PCB-29	<u>Material</u> White Paint	1254	<b>1.8</b>	On Sheetrock Walls	30,100 SF
12-16-PCB-30		1254	<b>1.4</b>		
12-16-PCB-31	<u>Source</u>	1254	<b>5.4</b>		
12-16-PCB-32	<u>Material</u> Multi-color Paint	1254	<b>8.8</b>	On Metal Door Frames	40 Each
12-16-PCB-33		1254	<b>9.1</b>		
<b>Service Level</b>					
12-16-PCB-34	<u>Source</u>	1254	<b>1.5</b>		
12-16-PCB-35	<u>Material</u> Multi-color Paint	1254	0.91	On Plaster Walls*	3,832 SF*
12-16-PCB-36		1254	<b>1.1</b>		
12-16-PCB-37		1254	<b>1.2</b>		
12-16-PCB-38	<u>Source</u> <u>Material</u> White Paint	1254	<b>3.4</b>	On Sheetrock Walls	26,800 SF
12-16-PCB-39		1254	<b>2.9</b>		
12-16-PCB-40	<u>Source</u>	1254	<b>3.1</b>		
12-16-PCB-41	<u>Material</u> Gray Paint	1254	<b>9.1</b>	On Metal Door Frames	42 Each
12-16-PCB-42		1254	<b>5.6</b>		

**TABLE 4**

Summary of PCB Source Material Sampling Results  
 150 Windsor Street  
 Hartford, CT

Sample #	Material and Type	Aroclor	Total PCB Concentration (ppm)	Location and Description	Approximate Quantity
<b>Stairwells</b>					
12-16-PCB-43		1254	0.87		
12-16-PCB-44		1254	<b>2.4</b>		
12-16-PCB-45		1254	<b>2.4</b>		
1-21-PCBBULK-04	<u>Source</u> <u>Material</u> White Paint	1254	<b>3</b>	On CMU Walls; Center Stairwells Only	8,064 SF
1-21-PCBBULK-05		1254	<b>1.3</b>		
1-21-PCBBULK-06		1254	<b>1.8</b>		
1-21-PCBBULK-07		1254	<b>1.6</b>		
12-16-PCB-46	<u>Source</u>	1254	<b>6.1</b>	On Metal Stair	
12-16-PCB-47	<u>Material</u> Paint	1254	<b>4.9</b>	Components; All 4 stairwells	4,200 SF
12-16-PCB-48		1254	<b>6.4</b>		
<b>Ceiling Areas</b>					
4-25-PCB-01A	<u>Source</u> <u>Material</u> White/Gray Spray-Applied Fireproofing	N/A	ND <0.54	Service Level - Switchgear Room	
4-25-PCB-01B		N/A	ND <0.99	2nd Floor - Room 208	N/A
4-25-PCB-01C		N/A	ND <0.64	Penthouse Center	
4-25-PCB-02A	<u>Source</u> <u>Material</u> Green Tinted Spray-Applied Fireproofing	N/A	ND <0.91	Service Level - Room 004	
4-25-PCB-02B		N/A	ND <0.78	Service Level - Room 004	N/A
4-25-PCB-02C		N/A	ND <0.95	Service Level - Room 005	
4-25-PCB-03A	<u>Source</u> <u>Material</u> Pink/Red Tinted Spray-Applied Fireproofing	N/A	ND <0.47	Service Level - Room 014	
4-25-PCB-03B		N/A	ND <0.86	Service Level - Hallway 009	N/A
4-25-PCB-03C		N/A	ND <0.96	2nd Floor - Room 211	
4-25-PCB-04A	<u>Source</u> <u>Material</u> Beige/Gray Spray-Applied Fireproofing	N/A	ND <0.47	2nd Floor - Room 211 Column	
4-25-PCB-04B		N/A	ND <0.67	2nd Floor - Room 204	N/A
4-25-PCB-04C		N/A	ND <0.81	2nd Floor - Room 204	

**TABLE 4**

Summary of PCB Source Material Sampling Results  
 150 Windsor Street  
 Hartford, CT

Sample #	Material and Type	Aroclor	Total PCB Concentration (ppm)	Location and Description	Approximate Quantity
<b>Roof</b>					
4-25-PCB-05A	<u>Source</u>	1254	<b>4.5</b>	Main Roof East	
4-25-PCB-05B	<u>Material</u> Black Asphalt	1254	<b>45</b>	Main Roof North	44,323 SF
4-25-PCB-05C	Roof Layer	1254	<b>45</b>	Penthouse Roof	
<b>Previous Report (Smith &amp; Wessel)</b>					
01A	<u>Source</u>	1254	<b>10,600</b>	Exterior-East	
01B	<u>Material</u> Gray	1254	<b>39,600</b>	Exterior-South	8,355 LF
01C	Wall Seam	1254	<b>1,740</b>	Exterior-West at main exit	
01D	Expansion Caulking**	1254	<b>1,620</b>	Exterior-Roof penthouse south west corner	

**Notes**

\* Plaster is also found on 3rd and 4th Floors in elevator lobbies, hallways, restrooms and kitchen areas (Additional 8,812 SF of Material)

\*\* Material is found on expansion joints, door frames, flashing, etc.; Quantity was adjusted from what Smith and Wessel Reported

Bolded results indicate PCBs at concentrations greater than 1 ppm, which are subject to State of CT regulations. Shaded and boxed results indicate concentrations greater than 50 ppm, which are subject to CT and EPA regulations.

SF = Square feet

LF = Linear feet

ND = Not detected at concentrations above laboratory reporting limits

**TABLE 5**

Summary of PCB Substrate Material Sampling Results  
 150 Windsor Street  
 Hartford, CT

PCB Sample dates: January 21 and April 25, 2016

Sample #	Material and Type	Aroclor	Total PCB Concentration (ppm)	Location and Description
1-21-PCBSUB-01	<u>Substrate Material</u>	N/A	ND <0.72	Second Floor Center South
1-21-PCBSUB-02	Concrete Masonry Unit	N/A	ND <0.91	Service Level Center South
1-21-PCBSUB-03	(associated with White Paint in Stairwells)	N/A	ND <0.94	Third Floor Center North
1-21-PCBSUB-04		N/A	ND <0.32	First Floor Center North
1-21-PCBSUB-05	<u>Substrate Material</u> Plaster	N/A	ND <0.95	First Floor Elevator Lobby
1-21-PCBSUB-06	(associate with White Paint in Multiple locations)	N/A	ND <0.76	Second Floor Hall
1-21-PCBSUB-07		N/A	ND <0.68	Third Floor Elevator Lobby
4-25-PCB-06A	<u>Substrate Material</u> Concrete/Stone Wall Panel	1254	<b>36</b>	West near Entrance (directly behind caulk seam)
4-25-PCB-06B	(associated with Gray Exterior Expansion Joint Caulk)	1254	<b>52</b>	North Center (directly behind caulk seam)
4-25-PCB-06C		1254	<b>61</b>	East by Generators (directly behind caulk seam)
<b>Previous Report (Smith &amp; Wessel)</b>				
<b>Exterior</b>				
0615-01A	<u>Substrate Material</u>	1254	0.1	North at 2nd column from N/W corner (1/2" from caulking seam)
0615-01B	Concrete/Stone Wall Panel	1254	<b>6.3</b>	North at 2nd column from N/W corner (3" from caulking seam)
0615-01C	(associated with Gray Exterior Expansion Joint Caulk)	NA	ND<.2	North at 2nd column from N/W corner (6" from caulking seam)
0615-02A		1254	0.74	West at 1st column closest to left door (1/2" from caulking seam)
0615-03A		1254	0.72	South at S/W corner column (1/2" from caulking seam)

**Notes**

Bolded results indicate PCBs at concentrations greater than 1 ppm, which are subject to State of CT regulations. Shaded and boxed results indicate concentrations greater than 50 ppm, which are subject to CT and EPA regulations.

ND = Not detected at concentrations above laboratory reporting limits



**Table 6**

Summary of PCB Soils and Exterior Surface Sampling Results  
 150 Windsor St  
 Hartford, CT

PCB Sample dates: January 21, March 3, and April 25, 2016

Sample #	Material and Type	Aroclor	Total PCB Concentration (ppm)	Location and Description	Notes
<b>North Side of Building</b>					
1-21-PCBSoil-01 (0-3")		N/A	ND <0.48	General Location #1 (4-5' from building due to gravel)	Surface to 3" Depth
1-21-PCBSoil-02 (0-3")		N/A	ND <0.55	General Location #2 (4-5' from building due to gravel)	Surface to 3" Depth
1-21-PCBSoil-03 (0-3")	Soil around perimeter of building	N/A	ND <0.53	General Location #3 (4-5' from building due to gravel)	Surface to 3" Depth
1-21-PCBSoil-04 (0-3")		N/A	ND <0.47	General Location #4 (4-5' from building due to gravel)	Surface to 3" Depth
1-21-PCBSoil-05 (0-3")		N/A	ND <0.51	General Location #5 (4-5' from building due to gravel)	Surface to 3" Depth
<b>West Side of Building</b>					
1-21-PCBSoil-06 (0-3")		1254	<b>1.3</b>	General Location #6 (1' away from building)	Surface to 3" Depth
1-21-PCBSoil-06 (3-6")		1254	0.51	General Location #6 (1' away from building)	3"-6" Depth
3-3-PCB-01 (2.5'/0-3")	Soil around perimeter of building	1254	<b>1.6</b>	General Location #6 (2.5' away from building)	Surface to 3" Depth
3-3-PCB-01 (2.5'/12")		1254	0.42	General Location #6 (2.5' away from building)	12" Depth
3-3-PCB-02 (5'/0-3")		1254	0.51	General Location #6 (5' away from building)	Surface to 3" Depth
1-21-PCBSoil-07 (0-3")		1254	<b>6.7</b>	General Location #7 (1 foot away from building)	Surface to 3" Depth
1-21-PCBSoil-07 (3-6")		1254	0.6	General Location #7 (1 foot away from building)	3"-6" Depth
3-3-PCB-03 (2.5'/0-3")	Soil around perimeter of building	1254	<b>2.5</b>	General Location #7 (2.5' away from building)	Surface to 3" Depth
3-3-PCB-03 (2.5'/12")		1254	0.38	General Location #7 (2.5' away from building)	12" Depth
3-3-PCB-04 (5'/0-3")		1254	ND <0.58	General Location #7 (5' away from building)	Surface to 3" Depth

**Table 6**

Summary of PCB Soils and Exterior Surface Sampling Results  
 150 Windsor St  
 Hartford, CT

<b>West Side of Building (Continued)</b>					
1-21-PCBSoil-08 (0-3")		1254	<b>12</b>	General Location #8 (1' away from building)	Surface to 3" Depth
1-21-PCBSoil-08 (3-6")		1254	<b>2.8</b>	General Location #8 (1' away from building)	3"-6" Depth
3-3-PCB-05 (2.5'/0-3")	<b>Soil around perimeter of building</b>	1254	<b>1.3</b>	General Location #8 (2.5' away from building)	Surface to 3" Depth
3-3-PCB-05 (2.5'/12")		1254	<b>2.3</b>	General Location #8 (2.5' away from building)	12" Depth
3-3-PCB-06 (5'/0-3")		1254	0.76	General Location #8 (5' away from building)	Surface to 3" Depth
1-21-PCBSoil-09 (0-3")		1254	<b>19</b>	General Location #9 (1' away from building)	Surface to 3" Depth
1-21-PCBSoil-09 (3-6")	<b>Soil around perimeter of building</b>	1254	<b>6.1</b>	General Location #9 (1' away from building)	3"-6" Depth
3-3-PCB-07 (1'/12")		1254	<b>4.1</b>	General Location #9 (1' away from building)	12" Depth
3-3-PCB-08 (2.5'/0-3")		1254	1	General Location #9 (2.5' away from building)	Surface to 3" Depth
1-21-PCBSoil-10 (0-3")		1254	<b>2.8</b>	General Location #10 (1' away from building)	Surface to 3" Depth
1-21-PCBSoil-10 (3-6")		1254	<b>3</b>	General Location #10 (1' away from building)	3"-6" Depth
3-3-PCB-10 (1'/12")	<b>Soil around perimeter of building</b>	1254	<b>1.5</b>	General Location #10 (1' away from building)	12" Depth
3-3-PCB-11 (2.5'/0-3")		1254	<b>1.5</b>	General Location #10 (2.5' away from building)	Surface to 3" Depth
3-3-PCB-11 (2.5'/12")		1254	ND <0.35	General Location #10 (2.5' away from building)	12" Depth
3-3-PCB-12 (5'/0-3")		1254	ND <0.45	General Location #10 (5' away from building)	Surface to 3" Depth

**Table 6**

Summary of PCB Soils and Exterior Surface Sampling Results  
 150 Windsor St  
 Hartford, CT

<b>South Side of Building</b>					
1-21-PCBSoil-11 (0-3")		1254	<b>2.5</b>	General Location #11 (1' away from building)	Surface to 3" Depth
1-21-PCBSoil-11 (3-6")	<b>Soil around perimeter of building</b>	1254	<b>1.8</b>	General Location #11 (1' away from building)	3"-6" Depth
3-3-PCB-13 (1'/12")		1254	<b>1.3</b>	General Location #11 (1' away from building)	12" Depth
3-3-PCB-14 (2.5'/0-3")		1254	0.93	General Location #11 (2.5' away from building)	Surface to 3" Depth
1-21-PCBSoil-12 (0-3")		N/A	ND <0.38	General Location #12 (1' away from building)	Surface to 3" Depth
1-21-PCBSoil-13 (0-3")	<b>Soil around perimeter of building</b>	1254	<b>1.9</b>	General Location #13 (1' away from building)	Surface to 3" Depth
1-21-PCBSoil-13 (3-6")		1254	<b>1.5</b>	General Location #13 (1' away from building)	3"-6" Depth
3-3-PCB-16 (1'/12")		1254	<b>1.3</b>	General Location #13 (1' away from building)	12" Depth
3-3-PCB-17 (2.5'/0-3")		N/A	ND <0.40	General Location #13 (2.5' away from building)	Surface to 3" Depth
1-21-PCBSoil-14 (0-3")	<b>Soil around perimeter of building</b>	1254	0.82	General Location #14 (1' away from building)	Surface to 3" Depth
1-21-PCBSoil-15 (0-3")	<b>Soil around perimeter of building</b>	1254	<b>2.3</b>	General Location #15 (1' away from building)	Surface to 3" Depth
1-21-PCBSoil-15 (3-6")		1254	<b>1.1</b>	General Location #15 (1' away from building)	3"-6" Depth
3-3-PCB-19 (1'/12")		1254	<b>7.1</b>	General Location #15 (1' away from building)	12" Depth
3-3-PCB-20 (2.5'/0-3")		N/A	ND <0.44	General Location #15 (2.5' away from building)	Surface to 3" Depth
<b>East Side of Building</b>					
4-25-PCB-07	<b>Soil by Foundation</b>	1254	<b>2.8</b>		Surface to 3" Depth
4-25-PCB-07A		N/A	ND <0.63	Northeast (1 foot from wall base)	3-6" Depth
4-25-PCB-08		N/A	ND <0.63		Surface to 3" Depth
4-25-PCB-09	<b>Concrete Ramps</b>	N/A	ND <0.61	By Bay Doors	1/4" Depth
4-25-PCB-10		N/A	ND <0.76		
4-25-PCB-11	<b>Asphalt</b>	N/A	ND <0.82	By East Entrance to P2 Parking Deck Lobby	1/4" Depth

**Table 6**

Summary of PCB Soils and Exterior Surface Sampling Results  
 150 Windsor St  
 Hartford, CT

<b>Previous Report (Smith &amp; Wessel) Exterior</b>					
S-01A	Soil around perimeter of building	1254	<b>1.1</b>	South-Middle (1 foot from wall base)	Surface to 3" Depth
S-01B		1254	0.48		4"-6" Depth
S-02A	Soil around perimeter of building	1254	<b>1.35</b>	West-Right side of stairs (1 foot from wall base)	Surface to 3" Depth
S-02B		1254	0.34		4"-6" Depth
S-01A	Soil around perimeter of building	1254	0.40	North-Second column from west corner (1 foot from wall base)	Surface to 3" Depth
S-01B		1254	0.21		4"-6" Depth

**Notes**

Soils with PCB Concentrations above 1 ppm are subject to both CT State and EPA regulations because the source material affecting the soils contains PCBs greater than or equal to 50 ppm.

ND = Not detected at concentrations above laboratory reporting limits



**TABLE 7**

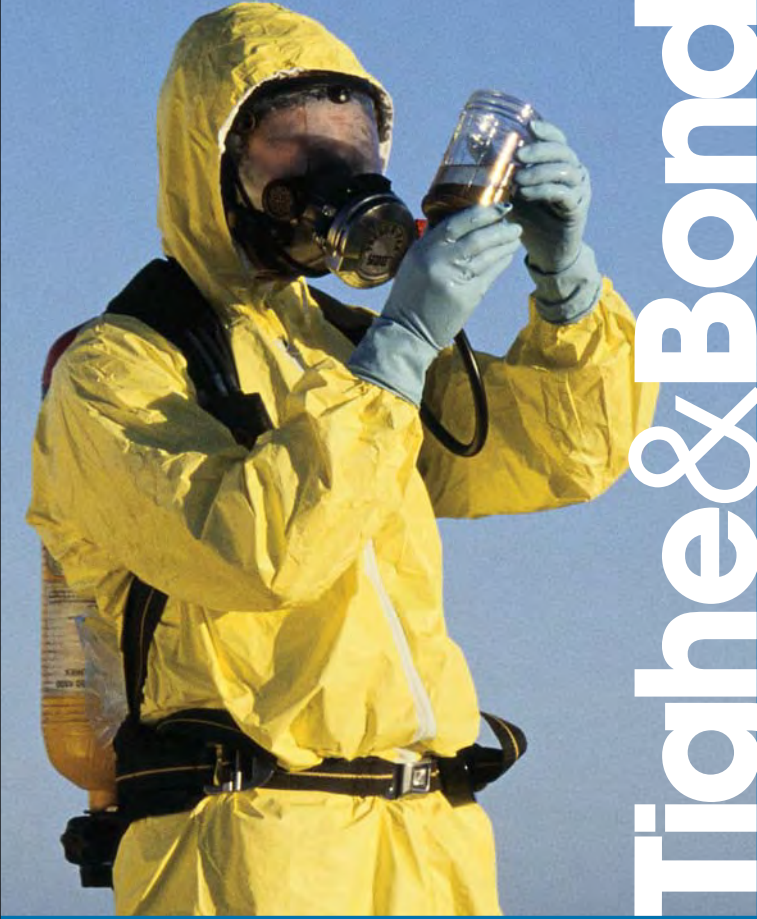
Summary of Universal Wastes Assessment  
 150 Windsor Street  
 Hartford, CT

**Inventory Date:** December 18 and 22, 2015

Location/ Room	Lighting Ballasts			Fluorescent Lamps			Emergency Lights	Fire Extinguishers	Exit Signs	Mercury Thermostats	Transformers	Refrigerants (Gal.)	Capacitors	Miscellaneous Items
	Electric	PCB	DEHP	LF	Round	U-Shape								
Service Level	434	-	-	3,364	-	-	14	2	13	-	-	32	15	15 Liebert HVAC Units*, 434 Industrial Acid Battery Cells
1st Floor	481	-	-	7,500	-	5	15	1	18	-	-	38	18	18 Liebert HVAC Units*, 2 Computer Monitors
2nd Floor	572	-	-	9,152	-	11	18	4	20	10	-	36	20	17 Liebert HVAC Units*, 3 Compressors, 2 Monitors
3rd Floor	504	-	-	8,128	-	106	16	4	18	13	-	14	6	7 Liebert HVAC Units*
4th Floor	517	-	-	5,308	186	64	17	4	23	6	-	2	-	-
Penthouse	72	-	-	576	-	-	-	3	2	50	-	-	2	2 Air Compressors, 4 Lifts, Empty 30 gallon water/ 1 Qt Bar-Kem, 1 Dunham-Bush Recirculator
Roof	-	-	-	-	-	-	-	-	-	-	-	-	-	2 Cooling Towers
Stairwells	38	-	-	304	-	-	-	4	-	-	-	-	-	-
Parking Level	150	-	-	2,192	-	-	-	7	4	-	-	2	2	1 Compressor, 1 sump pump, (4) 50 lb bags of ice melter, 3 poly tanks (~100 gallons) LiquiClor AI 15, 2 HVAC, 20 gallons of water treatment chemicals
Chiller Plant	16	-	-	256	-	-	6	4	2	30	-	3	1	~2.5 Gallons waste oil, 2 Air Dryers, 4 Gas-fired Boilers, 1 Compressor
<b>Total</b>	<b>2,784</b>	<b>0</b>	<b>0</b>	<b>36,780</b>	<b>186</b>	<b>186</b>	<b>86</b>	<b>33</b>	<b>100</b>	<b>109</b>	<b>0</b>	<b>127</b>	<b>64</b>	-

**LEGEND**

\* Liebert Unit are estimated to have 2 capacitors and 2 gallons of Refrigerant  
 LF = Linear Feet  
 PCB = Polychlorinated biphenyl  
 DEHP = Di(2-ethylhexyl) phthalate



# Tighe & Bond



# EMSL Analytical, Inc.

29 North Plains Highway, Unit # 4 Wallingford, CT 06

Tel/Fax: (203) 284-5948 / (203) 284-5978

<http://www.EMSL.com> / [wallingfordlab@emsl.com](mailto:wallingfordlab@emsl.com)

EMSL Order: 241505526

Customer ID: TIGH62

Customer PO:

Project ID:

**Attention:** Phillip Hutter  
Tighe & Bond  
213 Court Street  
Suite 1100  
Middletown, CT 06457

**Phone:** (860) 704-4760

**Fax:** (860) 704-4775

**Received Date:** 12/23/2015 3:00 PM

**Analysis Date:** 1/ 2/2016

**Collected Date:**

**Project:** 150 WINDSOR STREET/ 12-1077-6

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
12-16-PCH-01 241505526-0001	white plaster skim coat/ 4th floor kitchen ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-16-PCH-02 241505526-0002	white plaster skim coat/ 2nd floor mens' restroom - ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-16-PCH-03 241505526-0003	white plaster skim coat/ 1st floor womens' - restroom ceiling	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-16-PCH-04 241505526-0004	brown plaster rough coat/ 4th floor kitchen - ceiling	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-16-PCH-05 241505526-0005	brown plaster rough coat/2nd floor mens' restroom - ceiling	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-16-PCH-06 241505526-0006	brown plaster rough coat/ 1st floor womens' - restroom ceiling	Gray Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
12-16-PCH-07 241505526-0007	tan 4" vinyl cove base/ 4th floor west	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-16-PCH-08 241505526-0008	tan 4" vinyl cove base/ 2nd floor womens' restroom - foyer	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-16-PCH-09 241505526-0009	blue 4" vinyl cove base/ 4th floor hallway	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-16-PCH-10 241505526-0010	blue 4" vinyl cove base/ 1st floor main lobby	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-16-PCH-11 241505526-0011	cream cove base mastic/ 4th floor west	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-16-PCH-12 241505526-0012	cream cove base mastic/ 1st floor main lobby	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-16-PCH-13 241505526-0013	white pipe mastic/ 4th floor utility closet	White/Yellow Fibrous Homogeneous	10% Min. Wool	80% Non-fibrous (Other)	10% Chrysotile
12-16-PCH-14 241505526-0014	white pipe mastic/ 2nd floor utility closet				Stop Positive (Not Analyzed)
12-16-PCH-15 241505526-0015	white pipe mastic/ 1st floor utility closet				Stop Positive (Not Analyzed)



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EMSL Order: 241505526

Customer ID: TIGH62

Customer PO:

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
12-16-PCH-16 241505526-0016	gray 3" mudded pipe joint cement/ 4th fl. Hall by - serving	Gray Fibrous Homogeneous	40% Cellulose 30% Min. Wool	30% Non-fibrous (Other)	None Detected
12-16-PCH-17 241505526-0017	gray 3" mudded pipe joint cement/ 4th fl. Hall by - serving	Gray Fibrous Homogeneous	60% Min. Wool	40% Non-fibrous (Other)	None Detected
12-16-PCH-18 241505526-0018	gray 3" mudded pipe joint cement/ 4th fl. Hall by - serving	Gray Fibrous Homogeneous	60% Min. Wool	40% Non-fibrous (Other)	None Detected
12-16-PCH-19 241505526-0019	gray 4" mudded pipe joint cement/ 4th floor cust. - closet	Gray Non-Fibrous Homogeneous	60% Min. Wool	40% Non-fibrous (Other)	None Detected
12-16-PCH-20 241505526-0020	gray 4" mudded pipe joint cement/ 3rd floor cust. - closet	Gray Non-Fibrous Homogeneous	60% Min. Wool	40% Non-fibrous (Other)	None Detected
12-16-PCH-21 241505526-0021	gray 4" mudded pipe joint cement/ 1st floor cust. - closet	Gray Fibrous Homogeneous	30% Min. Wool	70% Non-fibrous (Other)	None Detected
12-16-PCH-22 241505526-0022	gray 8" roof drain mudded pipe joint cement/ 4th - floor	Gray Non-Fibrous Homogeneous	60% Min. Wool	40% Non-fibrous (Other)	None Detected
12-16-PCH-23 241505526-0023	gray 8" roof drain mudded pipe joint cement/ 4th - floor	Gray Non-Fibrous Homogeneous	60% Min. Wool	40% Non-fibrous (Other)	None Detected
12-16-PCH-24 241505526-0024	gray 8" roof drain mudded pipe joint cement/ 4th - floor	Gray Fibrous Homogeneous	40% Min. Wool	60% Non-fibrous (Other)	None Detected
12-16-PCH-25 241505526-0025	blue/green thick resilient sheet flooring/ 3rd - floor west	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-16-PCH-26 241505526-0026	blue/green thick resilient sheet flooring/ 2nd - floor hallway	Blue Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-16-PCH-27 241505526-0027	gray adhesive associated with RSF/ 3rd floor west	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-16-PCH-28 241505526-0028	gray adhesive associated with RSF/ 2nd floor - hallway	Gray Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
12-18-PCH-29 241505526-0029	black seam mastic on fib. Ins./ penthouse AHU - intake	Tan/Black Fibrous Homogeneous	5% Min. Wool	90% Non-fibrous (Other)	5% Chrysotile
12-18-PCH-30 241505526-0030	black seam mastic on fib. Ins./ penthouse AHU - intake				Stop Positive (Not Analyzed)
12-18-PCH-31 241505526-0031	yellow/gray flue seam caulk/ main roof	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-18-PCH-32 241505526-0032	yellow/gray flue seam caulk/ main roof	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-18-PCH-33 241505526-0033	yellow floor backing assoc. with RSF/ 3rd floor - stairwell	Tan Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
12-18-PCH-34 241505526-0034	yellow floor backing assoc. with RSF/ 1st floor - stairwell	Tan/Yellow Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected



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## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
12-18-PCH-35 241505526-0035	white duct mastic/ chiller plant	Tan Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
12-18-PCH-36 241505526-0036	white duct mastic/ chiller plant	White Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
12-18-PCH-37 241505526-0037	white pipe mastic/ chiller plant	Tan Fibrous Homogeneous	30% Min. Wool	70% Non-fibrous (Other)	None Detected
12-18-PCH-38 241505526-0038	white pipe mastic/ chiller plant	White Fibrous Homogeneous	5% Cellulose 5% Min. Wool	90% Non-fibrous (Other)	None Detected
12-18-PCH-39 241505526-0039	brown exterior wall stucco/ chiller plant	White Fibrous Homogeneous	10% Fibrous (Other)	90% Non-fibrous (Other)	None Detected
12-18-PCH-40 241505526-0040	brown exterior wall stucco/ chiller plant	Gray/White Fibrous Homogeneous	10% Fibrous (Other)	90% Non-fibrous (Other)	None Detected
12-18-PCH-41 241505526-0041	brown exterior wall stucco/ chiller plant	Gray Fibrous Homogeneous	10% Synthetic	30% Quartz 60% Non-fibrous (Other)	None Detected
12-18-PCH-42 241505526-0042	black roof tar/ generator housing by chiller plant	Black Non-Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
12-18-PCH-43 241505526-0043	black roof tar/ generator housing by chiller plant	Black Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
12-18-PCH-44 241505526-0044	red exterior pipe penetration caulk/ by chiller - plant	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-18-PCH-45 241505526-0045	red exterior pipe penetration caulk/ by chiller - plant	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-18-PCH-46 241505526-0046	tan pipe gasket/ chiller plant entry area	Tan Fibrous Homogeneous	30% Cellulose 25% Min. Wool	45% Non-fibrous (Other)	None Detected
12-18-PCH-47 241505526-0047	tan pipe gasket/ chiller plant entry area	Gray/Tan Fibrous Homogeneous	40% Synthetic 40% Min. Wool	20% Non-fibrous (Other)	None Detected
12-21-PCH-48-Floor Tile 241505526-0048	beige 12"x12" floor tile with black streaks/ 1st - floor lobby	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-21-PCH-49 241505526-0049	beige 12"x12" floor tile with black streaks/ 1st - floor lobby	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-21-PCH-50-Floor Tile 241505526-0050	beige 12x12 floor tile w/ black mastic/ elevator - (top layer)	Gray Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
12-21-PCH-50-Mastic 241505526-0050A	beige 12x12 floor tile w/ black mastic/ elevator - (top layer)	Black Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
12-21-PCH-51-Floor Tile 241505526-0051	beige 12x12 floor tile w/ black mastic/ elevator - (top layer)				Stop Positive (Not Analyzed)
12-21-PCH-51-Mastic 241505526-0051A	beige 12x12 floor tile w/ black mastic/ elevator - (top layer)				Stop Positive (Not Analyzed)





# EMSL Analytical, Inc.

29 North Plains Highway, Unit # 4 Wallingford, CT 06

Tel/Fax: (203) 284-5948 / (203) 284-5978

<http://www.EMSL.com> / [wallingfordlab@emsl.com](mailto:wallingfordlab@emsl.com)

EMSL Order: 241505526

Customer ID: TIGH62

Customer PO:

Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
12-21-PCH-52 241505526-0052	black 12"x12" floor tile/ elevator (bottom layer)	Black Non-Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
12-21-PCH-53 241505526-0053	black 12"x12" floor tile/ elevator (bottom layer)				Stop Positive (Not Analyzed)
12-21-PCH-54 241505526-0054	dark gray mottled 12"x12" floor tile/ 2nd floor - telecom rm	Gray Non-Fibrous Homogeneous		45% Ca Carbonate 55% Non-fibrous (Other)	None Detected
12-21-PCH-55 241505526-0055	dark gray mottled 12"x12" floor tile/ 1st floor - telecom rm	Gray Non-Fibrous Homogeneous		35% Ca Carbonate 65% Non-fibrous (Other)	None Detected
12-21-PCH-56 241505526-0056	black mastic assoc. w/ gray FT/ 2nd floor - telecom rm	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-21-PCH-57 241505526-0057	black mastic assoc. w/ gray FT/ 1st floor - telecom rm	Black Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
12-21-PCH-58 241505526-0058	white textured ceiling plaster top coat/ 1st fl. - stairwell	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-21-PCH-59 241505526-0059	white textured ceiling plaster top coat/ 1st fl. - stairwell	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-21-PCH-60 241505526-0060	white textured ceiling plaster top coat/ 1st fl. - by loading dock	White Non-Fibrous Homogeneous		35% Quartz 65% Non-fibrous (Other)	None Detected
12-21-PCH-61 241505526-0061	brown textured ceiling plaster bottom coat/ 1st fl - stairwell	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-21-PCH-62 241505526-0062	brown textured ceiling plaster bottom coat/ 1st fl - stairwell	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-21-PCH-63 241505526-0063	brown textured ceiling plaster bottom coat/ 1st fl - by loading dock	Gray Non-Fibrous Homogeneous		40% Quartz 60% Non-fibrous (Other)	None Detected
12-21-PCH-64 241505526-0064	gray metal door/ louver caulk/ P2 east door	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
12-21-PCH-65 241505526-0065	gray metal door/ louver caulk/ P1 north louver	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
12-21-PCH-66 241505526-0066	gray spray-on fireproofing (red tint)/ serv. Lvl - switchgear room back	Gray Fibrous Homogeneous	80% Min. Wool	20% Non-fibrous (Other)	None Detected
12-22-PCH-67 241505526-0067	gray spray-on fireproofing (red tint)/ serv. Lvl - switchgear room back	Gray Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-22-PCH-68 241505526-0068	gray spray-on fireproofing (red tint)/ serv. Lvl - switchgear room back	Gray Fibrous Homogeneous	90% Min. Wool	10% Non-fibrous (Other)	None Detected
12-22-PCH-69 241505526-0069	white/gray spray-on fireproofing/ serv. Lvl - switchgear room back	Gray Fibrous Homogeneous		40% Non-fibrous (Other)	60% Chrysotile



# EMSL Analytical, Inc.


29 North Plains Highway, Unit # 4 Wallingford, CT 06  
Tel/Fax: (203) 284-5948 / (203) 284-5978  
<http://www.EMSL.com / wallingfordlab@emsl.com>

EMSL Order: 241505526  
Customer ID: TIGH62  
Customer PO:  
Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
12-22-PCH-70 241505526-0070	white/gray spray-on fireproofing/ serv. Lvl - switchgear room back				Stop Positive (Not Analyzed)
12-22-PCH-71 241505526-0071	white/gray spray-on fireproofing/ serv. Lvl - switchgear room back				Stop Positive (Not Analyzed)
12-22-PCH-72 241505526-0072	gray spray-on fireproofing/ 2nd floor east dock	Gray Fibrous Homogeneous	80% Min. Wool	20% Non-fibrous (Other)	None Detected
12-22-PCH-73 241505526-0073	gray spray-on fireproofing/ 2nd floor east column	Gray Non-Fibrous Homogeneous	80% Min. Wool	20% Non-fibrous (Other)	None Detected
12-22-PCH-74 241505526-0074	gray spray-on fireproofing/ 2nd floor room 209	Gray Fibrous Homogeneous	90% Min. Wool	10% Non-fibrous (Other)	None Detected
12-22-PCH-75 241505526-0075	gray AHU intake caulk/ penthouse	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-22-PCH-76 241505526-0076	gray AHU intake caulk/ penthouse	Gray Non-Fibrous Homogeneous	<1% Min. Wool	100% Non-fibrous (Other)	None Detected
12-22-PCH-77 241505526-0077	white pipe mastic/ service level hallway	Tan/White Fibrous Homogeneous	15% Min. Wool	85% Non-fibrous (Other)	None Detected
12-22-PCH-78 241505526-0078	white pipe mastic/ service level hallway	White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
12-22-PCH-79 241505526-0079	brown paperlike fire door insulation/ 3rd floor - utility room	Tan Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
12-22-PCH-80 241505526-0080	brown paperlike fire door insulation/ 1st floor - utility room	Brown Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected

Analyst(s)  
Jeremy Patino (45)  
Lauren Brennan (29)

  
Gloria V. Oriol, Laboratory Manager  
or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Wallingford, CT NVLAP Lab Code 200700-0,

Initial Report From: 01/04/2016 12:14:11



# EMSL Analytical, Inc.

29 North Plains Highway, Unit # 4 Wallingford, CT 06492  
Tel/Fax: (203) 284-5948 / (203) 284-5978  
<http://www.EMSL.com> / [wallingfordlab@emsl.com](mailto:wallingfordlab@emsl.com)

EMSL Order: 241601636  
Customer ID: TIGH62  
Customer PO:  
Project ID:


**Attention:** Phillip Hutter  
Tighe & Bond  
213 Court Street  
Suite 1100  
Middletown, CT 06457  
**Project:** 150 WINDSOR ST/12-1077-6

**Phone:** (860) 704-4760  
**Fax:** (860) 704-4775  
**Received Date:** 04/26/2016 10:15 AM  
**Analysis Date:** 04/26/2016  
**Collected Date:** 04/25/2016

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
4-25-PCH-01 <small>241601636-0001</small>	Foundation east-black waterproofing	Black Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
4-25-PCH-02 <small>241601636-0002</small>	Foundation east-black waterproofing	Black Non-Fibrous Homogeneous	<1% Glass	100% Non-fibrous (Other)	None Detected

Analyst(s)  
Jeremy Patino (1)  
Kristin Lopez (1)

  
Gloria V. Oriol, Laboratory Manager  
or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Wallingford, CT NVLAP Lab Code 200700-0,

Initial Report From: 04/27/2016 08:34:45



**EMSL Analytical, Inc.**

29 North Plains Highway, Unit # 4, Wallingford, CT 06492  
Phone/Fax: 203-284-5948 / (203) 284-5978  
<http://www.EMSL.com> [wallingfordlab@emsl.com](mailto:wallingfordlab@emsl.com)

EMSL Order: 241600110  
CustomerID: TIGH62  
CustomerPO:  
ProjectID:

Attn: **Phillip Hutter  
Tighe & Bond  
213 Court Street  
Suite 1100  
Middletown, CT 06457**


Phone: (860) 704-4760  
Fax: (860) 704-4775  
Received: 01/11/16 12:50 PM  
Analysis Date: 1/18/2016  
Collected:

Project: 150 WINDSOR STREET/ 12-1077-6

**Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM  
via EPA/600/R-93/116 Section 2.5.5.1**

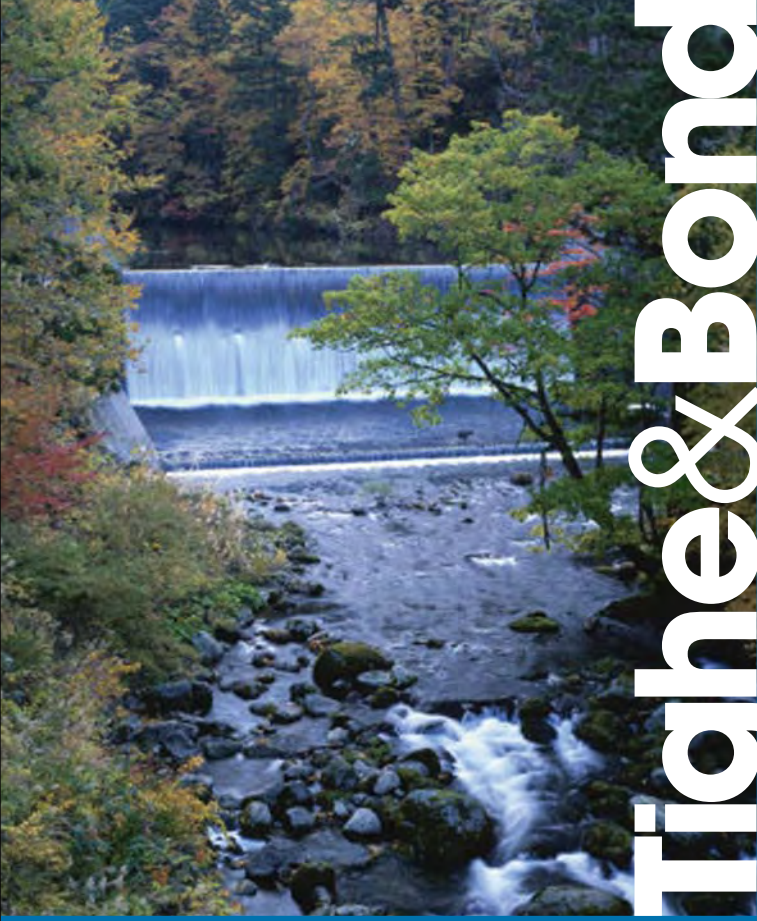
SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
12-21-PCH-64 241600110-0001	GREY METAL DOOR/ LOUVER CAULK/ P2 EAST DOOR	Gray Non-Fibrous Homogeneous	98.8	None	1.2% Chrysotile
12-21-PCH-65 241600110-0002	GREY METAL DOOR/ LOUVER CAULK/ P1 NORTH LOUVER	Gray Non-Fibrous Homogeneous	97.4	None	2.6% Chrysotile

Analyst(s) \_\_\_\_\_  
Lauren Brennan (2)

  
\_\_\_\_\_  
Gloria V. Oriol, Laboratory Manager  
or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample.  
Samples analyzed by EMSL Analytical, Inc. Wallingford, CT

Initial report from 01/18/2016 13:53:47



# Tighe & Bond





Wednesday, December 30, 2015

Attn: Mr Phillip Hutter  
Tighe & Bond  
213 Court St, Suite 1100  
Middletown, CT 06457

Project ID: 150 WINDSOR HARTFORD  
Sample ID#s: BK41950 - BK41997

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date Time

12/16/15  
 12/21/15 13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41950

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 01

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	2400	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1221	ND	2400	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1232	ND	2400	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1242	ND	2400	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1248	ND	2400	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1254	10000	2400	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1260	ND	2400	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1262	ND	2400	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1268	ND	2400	ug/Kg	10	12/23/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	92		%	10	12/23/15	AW	30 - 150 %
% TCMX	65		%	10	12/23/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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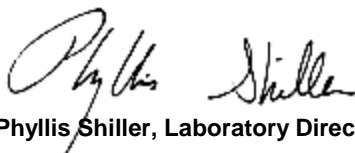
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date Time

12/16/15  
 12/21/15 13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41951

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 02

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	420	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1221	ND	420	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1232	ND	420	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1242	ND	420	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1248	ND	420	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1254	4800	420	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1260	ND	420	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1262	ND	420	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1268	ND	420	ug/Kg	2	12/23/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	71		%	2	12/23/15	AW	30 - 150 %
% TCMX	54		%	2	12/23/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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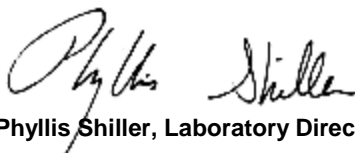
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**





Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date Time

12/16/15  
 12/21/15 13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41952

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 03

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	480	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1221	ND	480	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1232	ND	480	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1242	ND	480	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1248	ND	480	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1254	4400	480	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1260	ND	480	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1262	ND	480	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1268	ND	480	ug/Kg	2	12/23/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	72		%	2	12/23/15	AW	30 - 150 %
% TCMX	59		%	2	12/23/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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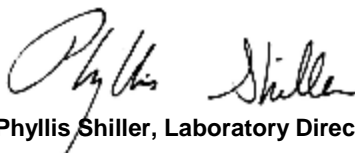
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date                      Time  
 12/16/15  
 12/21/15                      13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41953

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 04

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	13000	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1221	ND	13000	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1232	ND	13000	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1242	ND	13000	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1248	ND	13000	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1254	37000	13000	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1260	ND	13000	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1262	ND	13000	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1268	ND	13000	ug/Kg	10	12/23/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	105		%	10	12/23/15	AW	30 - 150 %
% TCMX	78		%	10	12/23/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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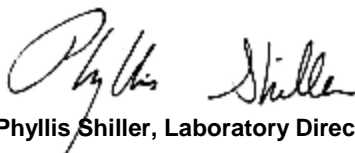
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date

12/16/15  
 12/21/15

Time

13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41954

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 05

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	11000	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1221	ND	11000	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1232	ND	11000	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1242	ND	11000	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1248	ND	11000	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1254	24000	11000	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1260	ND	11000	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1262	ND	11000	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1268	ND	11000	ug/Kg	10	12/23/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	84		%	10	12/23/15	AW	30 - 150 %
% TCMX	60		%	10	12/23/15	AW	30 - 150 %



Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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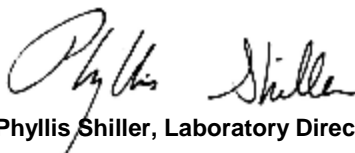
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
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 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date                      Time  
 12/16/15  
 12/21/15                      13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41955

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 06

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	4100	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1221	ND	4100	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1232	ND	4100	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1242	ND	4100	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1248	ND	4100	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1254	22000	4100	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1260	ND	4100	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1262	ND	4100	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1268	ND	4100	ug/Kg	10	12/23/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	80		%	10	12/23/15	AW	30 - 150 %
% TCMX	62		%	10	12/23/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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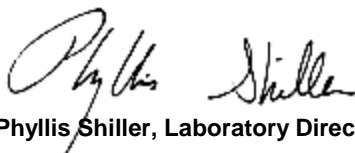
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date                      Time  
 12/16/15  
 12/21/15                      13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41956

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 07

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	520	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1221	ND	520	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1232	ND	520	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1242	ND	520	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1248	ND	520	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1254	5800	520	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1260	ND	520	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1262	ND	520	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1268	ND	520	ug/Kg	2	12/23/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	72		%	2	12/23/15	AW	30 - 150 %
% TCMX	54		%	2	12/23/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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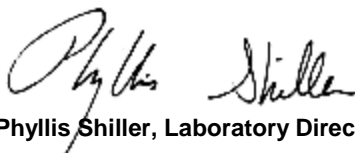
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**





Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date                      Time  
 12/16/15  
 12/21/15                      13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41957

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 08

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	800	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1221	ND	800	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1232	ND	800	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1242	ND	800	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1248	ND	800	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1254	9600	800	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1260	ND	800	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1262	ND	800	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1268	ND	800	ug/Kg	2	12/23/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	69		%	2	12/23/15	AW	30 - 150 %
% TCMX	57		%	2	12/23/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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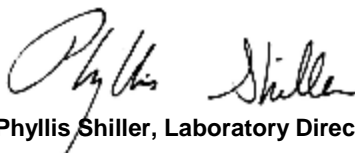
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date

12/16/15  
 12/21/15

Time

13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41958

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 09

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	2700	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1221	ND	2700	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1232	ND	2700	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1242	ND	2700	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1248	ND	2700	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1254	9400	2700	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1260	ND	2700	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1262	ND	2700	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1268	ND	2700	ug/Kg	10	12/23/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	77		%	10	12/23/15	AW	30 - 150 %
% TCMX	70		%	10	12/23/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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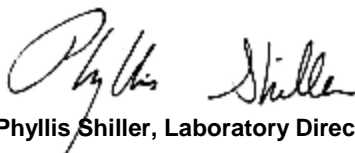
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date

12/16/15  
 12/21/15

Time

13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41959

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 10

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	QQ/I	SW3540C

PCB (Soxhlet SW3540C)

PCB-1016	ND	490	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1221	ND	490	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1232	ND	490	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1242	ND	490	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1248	ND	490	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1254	2400	490	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1260	ND	490	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1262	ND	490	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1268	ND	490	ug/Kg	2	12/22/15	AW	SW8082A

QA/QC Surrogates

% DCBP	71		%	2	12/22/15	AW	30 - 150 %
% TCMX	56		%	2	12/22/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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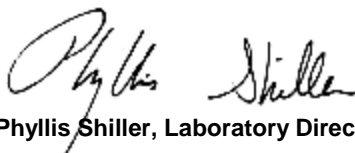
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**





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 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date                      Time  
 12/16/15  
 12/21/15                      13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41960

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 11

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	500	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1221	ND	500	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1232	ND	500	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1242	ND	500	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1248	ND	500	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1254	2200	500	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1260	ND	500	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1262	ND	500	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1268	ND	500	ug/Kg	2	12/22/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	73		%	2	12/22/15	AW	30 - 150 %
% TCMX	58		%	2	12/22/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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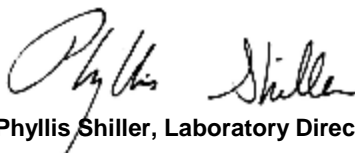
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date

12/16/15  
 12/21/15

Time

13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41961

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 12

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	470	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1221	ND	470	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1232	ND	470	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1242	ND	470	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1248	ND	470	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1254	2200	470	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1260	ND	470	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1262	ND	470	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1268	ND	470	ug/Kg	2	12/22/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	73		%	2	12/22/15	AW	30 - 150 %
% TCMX	58		%	2	12/22/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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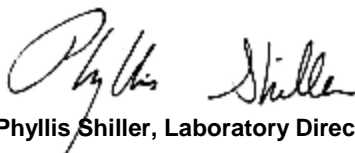
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date Time

12/16/15  
 12/21/15 13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41962

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 13

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	560	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1221	ND	560	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1232	ND	560	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1242	ND	560	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1248	ND	560	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1254	6600	560	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1260	ND	560	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1262	ND	560	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1268	ND	560	ug/Kg	1	12/22/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	48		%	1	12/22/15	AW	30 - 150 %
% TCMX	35		%	1	12/22/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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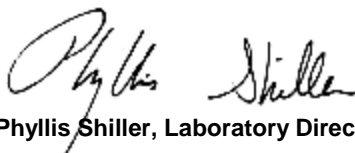
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**





Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date                      Time  
 12/16/15  
 12/21/15                      13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41963

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 14

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	4500	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1221	ND	4500	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1232	ND	4500	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1242	ND	4500	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1248	ND	4500	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1254	9300	4500	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1260	ND	4500	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1262	ND	4500	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1268	ND	4500	ug/Kg	1	12/22/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	45		%	1	12/22/15	AW	30 - 150 %
% TCMX	34		%	1	12/22/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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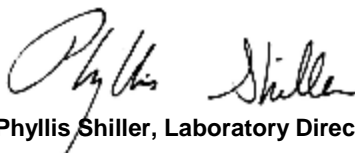
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
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 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date

12/16/15  
 12/21/15

Time

13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41964

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 15

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	1900	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1221	ND	1900	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1232	ND	1900	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1242	ND	1900	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1248	ND	1900	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1254	7800	1900	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1260	ND	1900	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1262	ND	1900	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1268	ND	1900	ug/Kg	1	12/22/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	48		%	1	12/22/15	AW	30 - 150 %
% TCMX	35		%	1	12/22/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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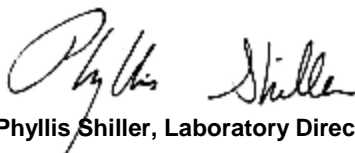
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
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 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date                      Time  
 12/16/15  
 12/21/15                      13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41965

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 16

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	960	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1221	ND	960	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1232	ND	960	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1242	ND	960	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1248	ND	960	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1254	ND	960	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1260	ND	960	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1262	ND	960	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1268	ND	960	ug/Kg	1	12/22/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	51		%	1	12/22/15	AW	30 - 150 %
% TCMX	38		%	1	12/22/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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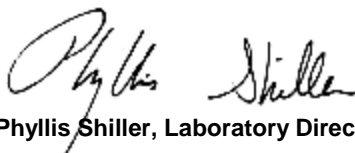
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**





Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date

12/16/15  
 12/21/15

Time

13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41966

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 17

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	550	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1221	ND	550	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1232	ND	550	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1242	ND	550	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1248	ND	550	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1254	1200	550	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1260	ND	550	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1262	ND	550	ug/Kg	1	12/22/15	AW	SW8082A
PCB-1268	ND	550	ug/Kg	1	12/22/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	46		%	1	12/22/15	AW	30 - 150 %
% TCMX	33		%	1	12/22/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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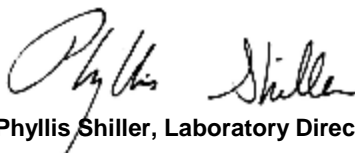
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date Time

12/16/15  
 12/21/15 13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41967

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 18

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	860	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1221	ND	860	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1232	ND	860	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1242	ND	860	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1248	ND	860	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1254	1200	860	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1260	ND	860	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1262	ND	860	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1268	ND	860	ug/Kg	2	12/22/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	67		%	2	12/22/15	AW	30 - 150 %
% TCMX	50		%	2	12/22/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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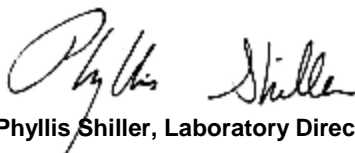
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date Time

12/16/15  
 12/21/15 13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41968

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 19

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	920	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1221	ND	920	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1232	ND	920	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1242	ND	920	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1248	ND	920	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1254	1200	920	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1260	ND	920	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1262	ND	920	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1268	ND	920	ug/Kg	2	12/22/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	68		%	2	12/22/15	AW	30 - 150 %
% TCMX	53		%	2	12/22/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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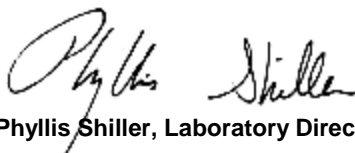
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date                      Time  
 12/16/15  
 12/21/15                      13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41969

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 20

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	720	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1221	ND	720	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1232	ND	720	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1242	ND	720	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1248	ND	720	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1254	4000	720	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1260	ND	720	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1262	ND	720	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1268	ND	720	ug/Kg	2	12/22/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	69		%	2	12/22/15	AW	30 - 150 %
% TCMX	44		%	2	12/22/15	AW	30 - 150 %



Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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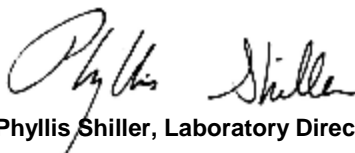
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date                      Time  
 12/16/15  
 12/21/15                      13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41970

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 21

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	NQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	960	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1221	ND	960	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1232	ND	960	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1242	ND	960	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1248	ND	960	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1254	1300	960	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1260	ND	960	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1262	ND	960	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1268	ND	960	ug/Kg	2	12/23/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	70		%	2	12/23/15	AW	30 - 150 %
% TCMX	61		%	2	12/23/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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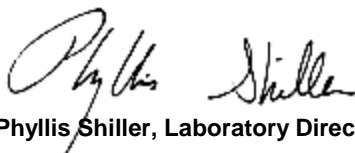
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date

12/16/15  
 12/21/15

Time

13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41971

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 22

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	NQ/I	SW3540C

PCB (Soxhlet SW3540C)

PCB-1016	ND	4800	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1221	ND	4800	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1232	ND	4800	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1242	ND	4800	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1248	ND	4800	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1254	8300	4800	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1260	ND	4800	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1262	ND	4800	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1268	ND	4800	ug/Kg	10	12/23/15	AW	SW8082A

QA/QC Surrogates

% DCBP	95		%	10	12/23/15	AW	30 - 150 %
% TCMX	73		%	10	12/23/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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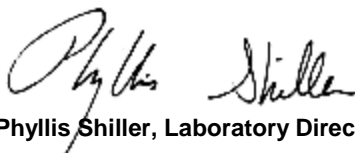
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date

12/16/15  
 12/21/15

Time

13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41972

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 23

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	NQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	4600	ug/Kg	10	12/22/15	AW	SW8082A
PCB-1221	ND	4600	ug/Kg	10	12/22/15	AW	SW8082A
PCB-1232	ND	4600	ug/Kg	10	12/22/15	AW	SW8082A
PCB-1242	ND	4600	ug/Kg	10	12/22/15	AW	SW8082A
PCB-1248	ND	4600	ug/Kg	10	12/22/15	AW	SW8082A
PCB-1254	9100	4600	ug/Kg	10	12/22/15	AW	SW8082A
PCB-1260	ND	4600	ug/Kg	10	12/22/15	AW	SW8082A
PCB-1262	ND	4600	ug/Kg	10	12/22/15	AW	SW8082A
PCB-1268	ND	4600	ug/Kg	10	12/22/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	101		%	10	12/22/15	AW	30 - 150 %
% TCMX	71		%	10	12/22/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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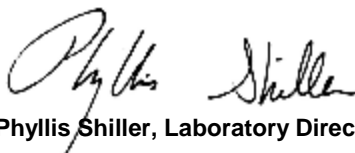
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**





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**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date

12/16/15  
 12/21/15

Time

13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41973

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 24

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	NQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	4500	ug/Kg	10	12/22/15	AW	SW8082A
PCB-1221	ND	4500	ug/Kg	10	12/22/15	AW	SW8082A
PCB-1232	ND	4500	ug/Kg	10	12/22/15	AW	SW8082A
PCB-1242	ND	4500	ug/Kg	10	12/22/15	AW	SW8082A
PCB-1248	ND	4500	ug/Kg	10	12/22/15	AW	SW8082A
PCB-1254	10000	4500	ug/Kg	10	12/22/15	AW	SW8082A
PCB-1260	ND	4500	ug/Kg	10	12/22/15	AW	SW8082A
PCB-1262	ND	4500	ug/Kg	10	12/22/15	AW	SW8082A
PCB-1268	ND	4500	ug/Kg	10	12/22/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	108		%	10	12/22/15	AW	30 - 150 %
% TCMX	82		%	10	12/22/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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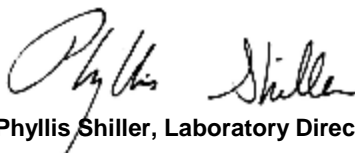
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date                      Time  
 12/16/15  
 12/21/15                      13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41974

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 25

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	NQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	910	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1221	ND	910	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1232	ND	910	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1242	ND	910	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1248	ND	910	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1254	3200	910	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1260	ND	910	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1262	ND	910	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1268	ND	910	ug/Kg	2	12/23/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	76		%	2	12/23/15	AW	30 - 150 %
% TCMX	53		%	2	12/23/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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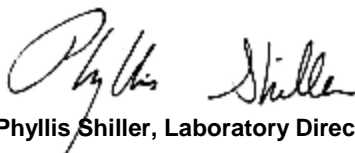
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date Time

12/16/15  
 12/21/15 13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41975

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 26

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	NQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	1000	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1221	ND	1000	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1232	ND	1000	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1242	ND	1000	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1248	ND	1000	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1254	3200	1000	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1260	ND	1000	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1262	ND	1000	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1268	ND	1000	ug/Kg	2	12/22/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	69		%	2	12/22/15	AW	30 - 150 %
% TCMX	51		%	2	12/22/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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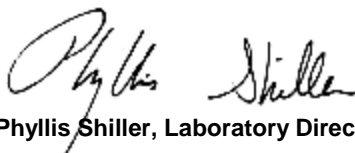
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date Time

12/16/15  
 12/21/15 13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41976

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 27

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	NQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	810	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1221	ND	810	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1232	ND	810	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1242	ND	810	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1248	ND	810	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1254	830	810	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1260	ND	810	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1262	ND	810	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1268	ND	810	ug/Kg	2	12/22/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	67		%	2	12/22/15	AW	30 - 150 %
% TCMX	51		%	2	12/22/15	AW	30 - 150 %



Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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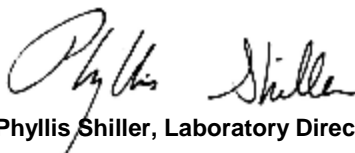
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date                      Time  
 12/16/15  
 12/21/15                      13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41977

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 28

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	NQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	980	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1221	ND	980	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1232	ND	980	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1242	ND	980	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1248	ND	980	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1254	1100	980	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1260	ND	980	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1262	ND	980	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1268	ND	980	ug/Kg	2	12/23/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	75		%	2	12/23/15	AW	30 - 150 %
% TCMX	54		%	2	12/23/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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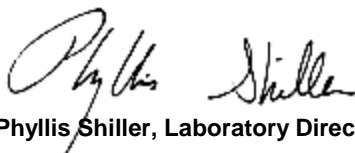
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date

12/16/15  
 12/21/15

Time

13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41978

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 29

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	NQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	960	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1221	ND	960	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1232	ND	960	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1242	ND	960	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1248	ND	960	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1254	1800	960	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1260	ND	960	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1262	ND	960	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1268	ND	960	ug/Kg	2	12/23/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	73		%	2	12/23/15	AW	30 - 150 %
% TCMX	51		%	2	12/23/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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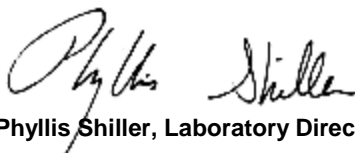
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date

12/16/15  
 12/21/15

Time

13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41979

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 30

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	NQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	990	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1221	ND	990	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1232	ND	990	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1242	ND	990	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1248	ND	990	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1254	1400	990	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1260	ND	990	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1262	ND	990	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1268	ND	990	ug/Kg	2	12/22/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	64		%	2	12/22/15	AW	30 - 150 %
% TCMX	37		%	2	12/22/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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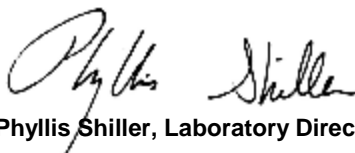
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date                      Time  
 12/16/15  
 12/21/15                      13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41980

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 31

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	NQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	830	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1221	ND	830	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1232	ND	830	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1242	ND	830	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1248	ND	830	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1254	5400	830	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1260	ND	830	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1262	ND	830	ug/Kg	2	12/22/15	AW	SW8082A
PCB-1268	ND	830	ug/Kg	2	12/22/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	74		%	2	12/22/15	AW	30 - 150 %
% TCMX	54		%	2	12/22/15	AW	30 - 150 %



Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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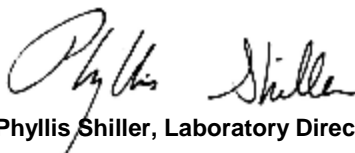
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
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**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date

12/16/15  
 12/21/15

Time

13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41981

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 32

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	NQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	990	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1221	ND	990	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1232	ND	990	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1242	ND	990	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1248	ND	990	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1254	8800	990	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1260	ND	990	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1262	ND	990	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1268	ND	990	ug/Kg	2	12/23/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	78		%	2	12/23/15	AW	30 - 150 %
% TCMX	67		%	2	12/23/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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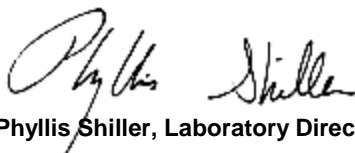
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
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**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date Time

12/16/15  
 12/21/15 13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41982

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 33

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	NQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	970	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1221	ND	970	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1232	ND	970	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1242	ND	970	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1248	ND	970	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1254	9100	970	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1260	ND	970	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1262	ND	970	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1268	ND	970	ug/Kg	2	12/23/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	72		%	2	12/23/15	AW	30 - 150 %
% TCMX	65		%	2	12/23/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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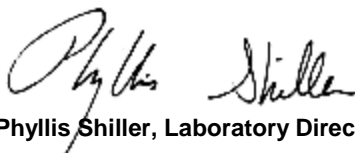
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date

12/16/15  
 12/21/15

Time

13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41983

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 34

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	NQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	830	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1221	ND	830	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1232	ND	830	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1242	ND	830	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1248	ND	830	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1254	1500	830	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1260	ND	830	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1262	ND	830	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1268	ND	830	ug/Kg	2	12/23/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	73		%	2	12/23/15	AW	30 - 150 %
% TCMX	56		%	2	12/23/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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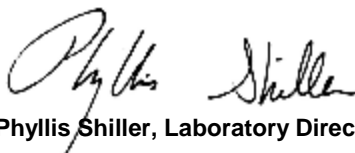
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date                      Time  
 12/16/15  
 12/21/15                      13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41984

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 35

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	NQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	880	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1221	ND	880	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1232	ND	880	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1242	ND	880	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1248	ND	880	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1254	910	880	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1260	ND	880	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1262	ND	880	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1268	ND	880	ug/Kg	2	12/23/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	73		%	2	12/23/15	AW	30 - 150 %
% TCMX	55		%	2	12/23/15	AW	30 - 150 %



Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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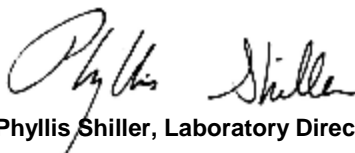
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date                      Time  
 12/16/15  
 12/21/15                      13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41985

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 36

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	NQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	960	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1221	ND	960	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1232	ND	960	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1242	ND	960	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1248	ND	960	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1254	1100	960	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1260	ND	960	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1262	ND	960	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1268	ND	960	ug/Kg	2	12/23/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	75		%	2	12/23/15	AW	30 - 150 %
% TCMX	56		%	2	12/23/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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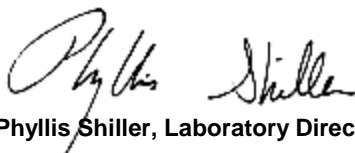
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date Time

12/16/15  
 12/21/15 13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41986

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 37

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	NQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	940	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1221	ND	940	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1232	ND	940	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1242	ND	940	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1248	ND	940	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1254	1200	940	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1260	ND	940	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1262	ND	940	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1268	ND	940	ug/Kg	2	12/23/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	72		%	2	12/23/15	AW	30 - 150 %
% TCMX	55		%	2	12/23/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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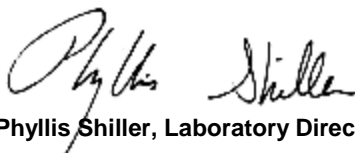
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date                      Time  
 12/16/15  
 12/21/15                      13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41987

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 38

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	NQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	990	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1221	ND	990	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1232	ND	990	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1242	ND	990	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1248	ND	990	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1254	3400	990	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1260	ND	990	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1262	ND	990	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1268	ND	990	ug/Kg	2	12/23/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	79		%	2	12/23/15	AW	30 - 150 %
% TCMX	56		%	2	12/23/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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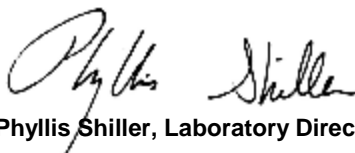
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date                      Time  
 12/16/15  
 12/21/15                      13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41988

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 39

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	NQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	1000	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1221	ND	1000	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1232	ND	1000	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1242	ND	1000	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1248	ND	1000	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1254	2900	1000	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1260	ND	1000	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1262	ND	1000	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1268	ND	1000	ug/Kg	2	12/23/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	73		%	2	12/23/15	AW	30 - 150 %
% TCMX	51		%	2	12/23/15	AW	30 - 150 %



Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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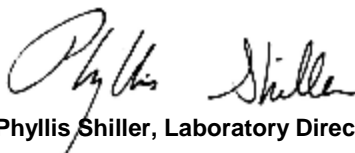
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
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 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date                      Time  
 12/16/15  
 12/21/15                      13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41989

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 40

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/21/15	NQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	780	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1221	ND	780	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1232	ND	780	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1242	ND	780	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1248	ND	780	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1254	3100	780	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1260	ND	780	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1262	ND	780	ug/Kg	2	12/23/15	AW	SW8082A
PCB-1268	ND	780	ug/Kg	2	12/23/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	43		%	2	12/23/15	AW	30 - 150 %
% TCMX	57		%	2	12/23/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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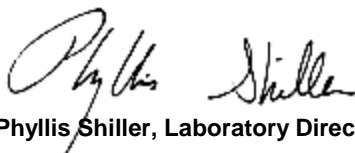
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
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**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date Time

12/16/15  
 12/21/15 13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41990

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 41

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/22/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	2400	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1221	ND	2400	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1232	ND	2400	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1242	ND	2400	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1248	ND	2400	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1254	9100	2400	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1260	ND	2400	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1262	ND	2400	ug/Kg	10	12/23/15	AW	SW8082A
PCB-1268	ND	2400	ug/Kg	10	12/23/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	94		%	10	12/23/15	AW	30 - 150 %
% TCMX	77		%	10	12/23/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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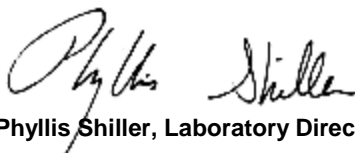
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date Time

12/16/15  
 12/21/15 13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41991

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 42

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/22/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	850	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1221	ND	850	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1232	ND	850	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1242	ND	850	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1248	ND	850	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1254	5600	850	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1260	ND	850	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1262	ND	850	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1268	ND	850	ug/Kg	2	12/24/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	74		%	2	12/24/15	AW	30 - 150 %
% TCMX	61		%	2	12/24/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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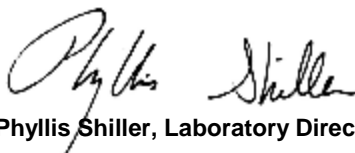
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
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 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date Time

12/16/15  
 12/21/15 13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41992

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 43

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/22/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	680	ug/Kg	5	12/24/15	AW	SW8082A
PCB-1221	ND	680	ug/Kg	5	12/24/15	AW	SW8082A
PCB-1232	ND	680	ug/Kg	5	12/24/15	AW	SW8082A
PCB-1242	ND	680	ug/Kg	5	12/24/15	AW	SW8082A
PCB-1248	ND	680	ug/Kg	5	12/24/15	AW	SW8082A
PCB-1254	870	680	ug/Kg	5	12/24/15	AW	SW8082A
PCB-1260	ND	680	ug/Kg	5	12/24/15	AW	SW8082A
PCB-1262	ND	680	ug/Kg	5	12/24/15	AW	SW8082A
PCB-1268	ND	680	ug/Kg	5	12/24/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	91		%	5	12/24/15	AW	30 - 150 %
% TCMX	73		%	5	12/24/15	AW	30 - 150 %



Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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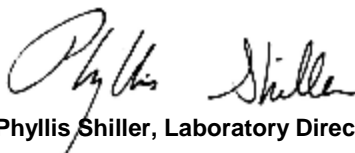
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date

12/16/15  
 12/21/15

Time

13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41993

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 44

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/22/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	710	ug/Kg	2	12/28/15	AW	SW8082A
PCB-1221	ND	710	ug/Kg	2	12/28/15	AW	SW8082A
PCB-1232	ND	710	ug/Kg	2	12/28/15	AW	SW8082A
PCB-1242	ND	710	ug/Kg	2	12/28/15	AW	SW8082A
PCB-1248	ND	710	ug/Kg	2	12/28/15	AW	SW8082A
PCB-1254	2400	710	ug/Kg	2	12/28/15	AW	SW8082A
PCB-1260	ND	710	ug/Kg	2	12/28/15	AW	SW8082A
PCB-1262	ND	710	ug/Kg	2	12/28/15	AW	SW8082A
PCB-1268	ND	710	ug/Kg	2	12/28/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	72		%	2	12/28/15	AW	30 - 150 %
% TCMX	64		%	2	12/28/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

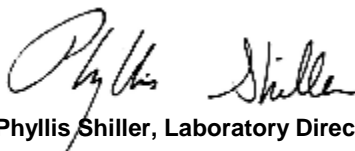
**PCB Comment:**

For PCBs, in order to reach the desired RL, multiple cleanup steps were performed. The extract was cleaned up with a combination of sulfuric acid, potassium permanganate, copper powder and additional florisil.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date

12/16/15  
 12/21/15

Time

13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41994

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 45

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/22/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	580	ug/Kg	1	12/24/15	AW	SW8082A
PCB-1221	ND	580	ug/Kg	1	12/24/15	AW	SW8082A
PCB-1232	ND	580	ug/Kg	1	12/24/15	AW	SW8082A
PCB-1242	ND	580	ug/Kg	1	12/24/15	AW	SW8082A
PCB-1248	ND	580	ug/Kg	1	12/24/15	AW	SW8082A
PCB-1254	2400	580	ug/Kg	1	12/24/15	AW	SW8082A
PCB-1260	ND	580	ug/Kg	1	12/24/15	AW	SW8082A
PCB-1262	ND	580	ug/Kg	1	12/24/15	AW	SW8082A
PCB-1268	ND	580	ug/Kg	1	12/24/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	50		%	1	12/24/15	AW	30 - 150 %
% TCMX	40		%	1	12/24/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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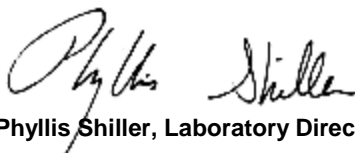
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date

12/16/15  
 12/21/15

Time

13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41995

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 46

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/22/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	920	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1221	ND	920	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1232	ND	920	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1242	ND	920	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1248	ND	920	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1254	6100	920	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1260	ND	920	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1262	ND	920	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1268	ND	920	ug/Kg	2	12/24/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	97		%	2	12/24/15	AW	30 - 150 %
% TCMX	63		%	2	12/24/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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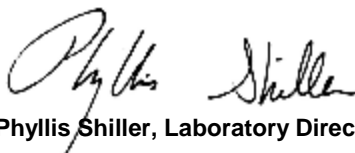
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date Time

12/16/15  
 12/21/15 13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41996

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 47

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/22/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	550	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1221	ND	550	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1232	ND	550	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1242	ND	550	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1248	ND	550	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1254	4900	550	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1260	ND	550	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1262	ND	550	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1268	ND	550	ug/Kg	2	12/24/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	71		%	2	12/24/15	AW	30 - 150 %
% TCMX	58		%	2	12/24/15	AW	30 - 150 %



Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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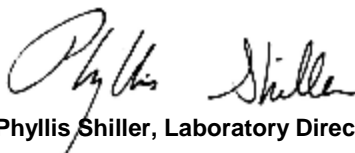
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 December 30, 2015

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#:

Custody Information

Collected by:  
 Received by: LK  
 Analyzed by: see "By" below

Date                      Time  
 12/16/15  
 12/21/15                      13:45

Laboratory Data

SDG ID: GBK41950  
 Phoenix ID: BK41997

Project ID: 150 WINDSOR HARTFORD  
 Client ID: 12-16 PCB 48

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				12/22/15	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	650	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1221	ND	650	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1232	ND	650	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1242	ND	650	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1248	ND	650	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1254	6400	650	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1260	ND	650	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1262	ND	650	ug/Kg	2	12/24/15	AW	SW8082A
PCB-1268	ND	650	ug/Kg	2	12/24/15	AW	SW8082A

**QA/QC Surrogates**

% DCBP	67		%	2	12/24/15	AW	30 - 150 %
% TCMX	57		%	2	12/24/15	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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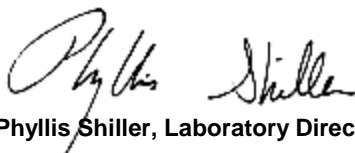
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**December 30, 2015**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

# QA/QC Report

December 30, 2015

## QA/QC Data

SDG I.D.: GBK41950

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 330219 (ug/Kg), QC Sample No: BK41950 10X (BK41950, BK41951, BK41952, BK41953, BK41954, BK41955, BK41956, BK41957, BK41958, BK41959, BK41960, BK41961, BK41962, BK41963, BK41964, BK41965, BK41966, BK41967, BK41968, BK41969)

### Polychlorinated Biphenyls - Solid

PCB-1016	ND	170	88	92	4.4				40 - 140	30
PCB-1221	ND	170							40 - 140	30
PCB-1232	ND	170							40 - 140	30
PCB-1242	ND	170							40 - 140	30
PCB-1248	ND	170							40 - 140	30
PCB-1254	ND	170							40 - 140	30
PCB-1260	ND	170	90	94	4.3				40 - 140	30
PCB-1262	ND	170							40 - 140	30
PCB-1268	ND	170							40 - 140	30
% DCBP (Surrogate Rec)	88	%	88	93	5.5				30 - 150	30
% TCMX (Surrogate Rec)	65	%	69	74	7.0				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 330231 (ug/Kg), QC Sample No: BK41970 10X (BK41970, BK41971, BK41972, BK41973, BK41974, BK41975, BK41976, BK41977, BK41978, BK41979, BK41980, BK41981, BK41982, BK41983, BK41984, BK41985, BK41986, BK41987, BK41988, BK41989)

### Polychlorinated Biphenyls - Solid

PCB-1016	ND	170	81	83	2.4				40 - 140	30
PCB-1221	ND	170							40 - 140	30
PCB-1232	ND	170							40 - 140	30
PCB-1242	ND	170							40 - 140	30
PCB-1248	ND	170							40 - 140	30
PCB-1254	ND	170							40 - 140	30
PCB-1260	ND	170	93	94	1.1				40 - 140	30
PCB-1262	ND	170							40 - 140	30
PCB-1268	ND	170							40 - 140	30
% DCBP (Surrogate Rec)	110	%	112	113	0.9				30 - 150	30
% TCMX (Surrogate Rec)	86	%	81	81	0.0				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 330354 (ug/Kg), QC Sample No: BK42029 10X (BK41990, BK41991, BK41992, BK41993, BK41994, BK41995, BK41996, BK41997)

### Polychlorinated Biphenyls - Solid

PCB-1016	ND	170	88	87	1.1	87	84	3.5	40 - 140	30
PCB-1221	ND	170							40 - 140	30
PCB-1232	ND	170							40 - 140	30
PCB-1242	ND	170							40 - 140	30
PCB-1248	ND	170							40 - 140	30
PCB-1254	ND	170							40 - 140	30

## QA/QC Data

SDG I.D.: GBK41950

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
PCB-1260	ND	170	102	102	0.0	104	105	1.0	40 - 140	30
PCB-1262	ND	170							40 - 140	30
PCB-1268	ND	170							40 - 140	30
% DCBP (Surrogate Rec)	123	%	124	124	0.0	121	124	2.4	30 - 150	30
% TCMX (Surrogate Rec)	87	%	80	84	4.9	86	81	6.0	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

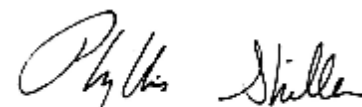
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director

December 30, 2015

# Sample Criteria Exceedences Report

Criteria: None

State: CT

**GBK41950 - TIGHE**

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



# Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

**Laboratory Name:** Phoenix Environmental Labs, Inc. **Client:** Tighe & Bond

**Project Location:** 150 WINDSOR HARTFORD **Project Number:**

**Laboratory Sample ID(s):** BK41950, BK41951, BK41952, BK41953, BK41954, BK41955, BK41956, BK41957, BK41958, BK41959, BK41960, BK41961, BK41962, BK41963, BK41964, BK41965, BK41966, BK41967, BK41968, BK41969, BK41970, BK41971, BK41972, BK41973, BK41974, BK41975, BK41976, BK41977, BK41978, BK41979, BK41980, BK41981, BK41982, BK41983, BK41984, BK41985, BK41986, BK41987, BK41988, BK41989, BK41990, BK41991, BK41992, BK41993, BK41994, BK41995, BK41996, BK41997

**Sampling Date(s):** 12/16/2015

**RCP Methods Used:**

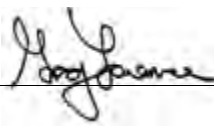
- 1311/1312     6010     7000     7196     7470/7471     8081     EPH     TO15  
 8082     8151     8260     8270     ETPH     9010/9012     VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

**Note:** For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized  
Signature:

  
\_\_\_\_\_

Date: Wednesday, December 30, 2015

Printed Name: Greg Lawrence

Position: Assistant Lab Director





**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# RCP Certification Report

December 30, 2015

SDG I.D.: GBK41950

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## PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

**Instrument:** Au-ecd1 12/28/15-1 (BK41993)

The initial calibration (PC1203AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PC1203BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.

**Printed Name** Adam Werner  
**Position:** Chemist  
**Date:** 12/28/2015

**Instrument:** Au-ecd24 12/23/15-1 (BK41993)

The initial calibration (PC1210AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PC1210BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.

**Printed Name** Adam Werner  
**Position:** Chemist  
**Date:** 12/23/2015

**Instrument:** Au-ecd3 12/22/15-1 (BK41972, BK41973)

The initial calibration (PC1217AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PC1217BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.

**Printed Name** Adam Werner  
**Position:** Chemist  
**Date:** 12/22/2015

**Instrument:** Au-ecd3 12/23/15-1 (BK41955)

The initial calibration (PC1217AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PC1217BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.



**Environmental Laboratories, Inc.**  
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Tel. (860) 645-1102 Fax (860) 645-0823



# RCP Certification Report

December 30, 2015

SDG I.D.: GBK41950

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**Printed Name** Adam Werner  
**Position:** Chemist  
**Date:** 12/23/2015

**Instrument:** Au-ecd48 12/22/15-1 (BK41950, BK41951, BK41955, BK41956, BK41957, BK41959, BK41960, BK41961, BK41962, BK41963, BK41964, BK41965, BK41966, BK41967, BK41968, BK41969, BK41970, BK41975, BK41976, BK41979, BK41980, BK41983, BK41984, BK41985, BK41986, BK41989)

The initial calibration (PC1216AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PC1216BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.

**Printed Name** Adam Werner  
**Position:** Chemist  
**Date:** 12/22/2015

**Instrument:** Au-ecd5 12/22/15-1 (BK41953, BK41954, BK41971, BK41974, BK41977, BK41978, BK41987, BK41988)

The initial calibration (PC1215AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PC1215BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.

**Printed Name** Adam Werner  
**Position:** Chemist  
**Date:** 12/22/2015

**Instrument:** Au-ecd6 12/24/15-1 (BK41991, BK41992, BK41993, BK41994, BK41995, BK41996, BK41997)

The initial calibration (PC1217AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PC1217BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.

**Printed Name** Adam Werner  
**Position:** Chemist  
**Date:** 12/24/2015



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# RCP Certification Report

December 30, 2015

SDG I.D.: GBK41950

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**Instrument:** Au-ecd8 12/22/15-1 (BK41950, BK41952, BK41955, BK41958, BK41970, BK41981, BK41982)

The initial calibration (PC1218AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PC1218BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.

**Printed Name** Adam Werner  
**Position:** Chemist  
**Date:** 12/22/2015

**Instrument:** Au-ecd8 12/23/15-1 (BK41990)

The initial calibration (PC1218AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PC1218BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.

**Printed Name** Adam Werner  
**Position:** Chemist  
**Date:** 12/23/2015

**QC Comments:** QC Batch 330219 12/21/15 (BK41950, BK41951, BK41952, BK41953, BK41954, BK41955, BK41956, BK41957, BK41958, BK41959, BK41960, BK41961, BK41962, BK41963, BK41964, BK41965, BK41966, BK41967, BK41968, BK41969)

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

**QC Comments:** QC Batch 330231 12/21/15 (BK41970, BK41971, BK41972, BK41973, BK41974, BK41975, BK41976, BK41977, BK41978, BK41979, BK41980, BK41981, BK41982, BK41983, BK41984, BK41985, BK41986, BK41987, BK41988, BK41989)

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# RCP Certification Report

December 30, 2015

SDG I.D.: GBK41950

---

## QC (Batch Specific)

----- Sample No: BK41950, QA/QC Batch: 330219 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

----- Sample No: BK41970, QA/QC Batch: 330231 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

----- Sample No: BK42029, QA/QC Batch: 330354 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

## Temperature Narration

The samples were received at 22C with cooling initiated.  
(Note acceptance criteria is above freezing up to 6°C)



# CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
**Client Services (860) 645-8726**



Customer: Tighe + Bond

Address: \_\_\_\_\_

Project: ISO Windsor Hartford

Report to: Philip Hutter / Justin Probo

Invoice to: \_\_\_\_\_

Phone #: \_\_\_\_\_

Fax #: \_\_\_\_\_

Project P.O.: \_\_\_\_\_

Coolant:  IPK  ICE  No

Temp 23 C Pg of \_\_\_\_\_

Data Delivery:

Fax #:

Email:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: \_\_\_\_\_ Date: 12-21-15

Matrix Code: SD  
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
419162	12-16 PCD 13	SD	12-16-15	9:00 P.M.	Soil VOA Vials [Methanol] [H2O]
419163	14				40 ml VOA Vial [As Is] [HCl]
419164	15				GL Amber 1000ml [As Is] [H2SO4]
419165	16				PL As Is [150ml] [As Is] [HCl]
419166	17				PL H2SO4 [250ml] [As Is] [H2SO4]
419167	18				PL HNO3 250ml
419168	19				PL NaOH 250ml
419169	20				Bacteria (as Is)
419170	21				Bacteria (WH10)
419171	22				
419172	23				
419173	24				

Relinquished by: \_\_\_\_\_ Accepted by: \_\_\_\_\_

Date: 12-21-15 Time: 14:30 P.M.

RI:  Direct Exposure (Residential)  GW  Other

CI:  RCP Cert  GW Protection  SW Protection  GA Mobility  GB Mobility  Residential DEC  I/C DEC  Other

MA:  MCP Certification  GW-1  GW-2  GW-3  S-1  S-2  S-3  MWRA eSMART  Other

Data Format:  Excel  PDF  GIS/Key  EQUS  Other

Data Package:  Tier II Checklist  Full Data Package\*  Phoenix Std Report  Other

\* SURCHARGE APPLIES

State where samples were collected: CT

Comments, Special Requirements or Regulations:

Reporting Limit > 1 ppm

\* SURCHARGE APPLIES



# CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
**Client Services (860) 645-8726**



Customer: Tighe + Bond  
 Address: \_\_\_\_\_  
 Project P.O.: \_\_\_\_\_

Report to: Philip Hether / Justin Proff  
 Invoice to: \_\_\_\_\_  
 Phone #: \_\_\_\_\_  
 Fax #: \_\_\_\_\_

Cooler: Yes  No   
 Coolant: IRK  ICE   
 Temp: \_\_\_\_\_ Pg. \_\_\_\_\_ of \_\_\_\_\_  
 Data Delivery: Fax # \_\_\_\_\_ Email \_\_\_\_\_

This section MUST be completed with Bottle Quantities.

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
41986	12-16 P23 37	SD	12-21-15	A.M.	Soil VOA Vials [ methanol ] 100ml [ H2SO4 ] 250ml [ As is ] [ HCl ] 100ml [ H2SO4 ] 250ml [ As is ] [ H2SO4 ] 1500ml [ 1500ml ] 1000ml
41987	38				Bacteria (AS)
41988	39				Bacteria (w/mho)
41989	40				PL NAOH 250ml
41990	41				PL HNO3 250ml
41991	42				PL H2SO4 [ 250ml ] [ 1500ml ] [ 1000ml ]
41992	43				PL H2SO4 [ 250ml ] [ 1500ml ] [ 1000ml ]
41993	44				PL H2SO4 [ 250ml ] [ 1500ml ] [ 1000ml ]
41994	45				PL H2SO4 [ 250ml ] [ 1500ml ] [ 1000ml ]
41995	46				PL H2SO4 [ 250ml ] [ 1500ml ] [ 1000ml ]
41996	47				PL H2SO4 [ 250ml ] [ 1500ml ] [ 1000ml ]
41997	48				PL H2SO4 [ 250ml ] [ 1500ml ] [ 1000ml ]

Relinquished by: \_\_\_\_\_ Accepted by: \_\_\_\_\_  
 Date: 12-21-15 Time: 1:45 P.M.  
 Turnaround:  1 Day\*  2 Days\*  3 Days\*  Standard  Other  
 \* SURCHARGE APPLIES  
 State where samples were collected: CT  
 \* SURCHARGE APPLIES  
 Comments, Special Requirements or Regulations:  
Reporting Limit > 1 ppm

- RI  Direct Exposure (Residential)  GW  Other
- CT  RCP Cert  GW Protection  SW Protection  GA Mobility  GB Mobility  Residential DEC  I/C DEC  Other
- MA  MCP Certification  GW-1  GW-2  GW-3  S-1  S-2  S-3  MWRA eSMART  Other
- Data Format:  Excel  PDF  GIS/Key  EQUIS  Other
- Data Package:  Tier II Checklist  Full Data Package\*  Phoenix Sid Report  Other





Thursday, January 28, 2016

Attn: Mr Phillip Hutter  
Tighe & Bond  
213 Court St, Suite 1100  
Middletown, CT 06457

Project ID: 150 WINDSOR STREET  
Sample ID#s: BK56367 - BK56395

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: BULK  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56367

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB BULK-01

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed					QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	820	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1221	ND	820	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1232	ND	820	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1242	ND	820	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1248	ND	820	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1254	7100	820	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1260	ND	820	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1262	ND	820	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1268	ND	820	ug/Kg	5	01/25/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	90		%	5	01/25/16	AW	30 - 150 %
% TCMX	60		%	5	01/25/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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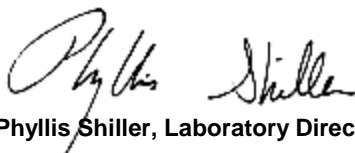
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

### Sample Information

Matrix: BULK  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

### Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

### Date

01/21/16  
 01/22/16

### Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56368

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB BULK-02

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

### PCB (Soxhlet SW3540C)

PCB-1016	ND	830	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1221	ND	830	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1232	ND	830	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1242	ND	830	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1248	ND	830	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1254	8900	830	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1260	ND	830	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1262	ND	830	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1268	ND	830	ug/Kg	5	01/25/16	AW	SW8082A

### QA/QC Surrogates

% DCBP	81		%	5	01/25/16	AW	30 - 150 %
% TCMX	56		%	5	01/25/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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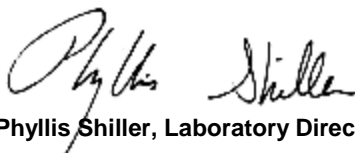
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

### Sample Information

Matrix: BULK  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

### Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

### Date

01/21/16

### Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56369

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB BULK-03

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

### PCB (Soxhlet SW3540C)

PCB-1016	ND	830	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1221	ND	830	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1232	ND	830	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1242	ND	830	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1248	ND	830	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1254	6200	830	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1260	ND	830	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1262	ND	830	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1268	ND	830	ug/Kg	5	01/25/16	AW	SW8082A

### QA/QC Surrogates

% DCBP	78		%	5	01/25/16	AW	30 - 150 %
% TCMX	52		%	5	01/25/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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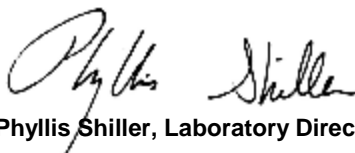
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: BULK  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56370

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB BULK-04

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				01/25/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	810	ug/Kg	2	01/26/16	AW	SW8082A
PCB-1221	ND	810	ug/Kg	2	01/26/16	AW	SW8082A
PCB-1232	ND	810	ug/Kg	2	01/26/16	AW	SW8082A
PCB-1242	ND	810	ug/Kg	2	01/26/16	AW	SW8082A
PCB-1248	ND	810	ug/Kg	2	01/26/16	AW	SW8082A
PCB-1254	3000	810	ug/Kg	2	01/26/16	AW	SW8082A
PCB-1260	ND	810	ug/Kg	2	01/26/16	AW	SW8082A
PCB-1262	ND	810	ug/Kg	2	01/26/16	AW	SW8082A
PCB-1268	ND	810	ug/Kg	2	01/26/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	56		%	2	01/26/16	AW	30 - 150 %
% TCMX	50		%	2	01/26/16	AW	30 - 150 %



Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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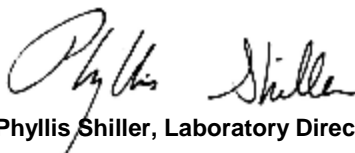
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
This report must not be reproduced except in full as defined by the attached chain of custody.



**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

**Analysis Report**  
 January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: BULK  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56371

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB BULK-05

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	780	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1221	ND	780	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1232	ND	780	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1242	ND	780	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1248	ND	780	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1254	1300	780	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1260	ND	780	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1262	ND	780	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1268	ND	780	ug/Kg	5	01/25/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	68		%	5	01/25/16	AW	30 - 150 %
% TCMX	49		%	5	01/25/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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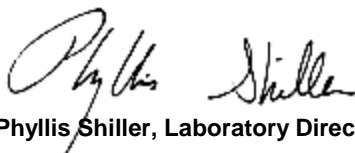
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: BULK  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56372

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB BULK-06

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	760	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1221	ND	760	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1232	ND	760	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1242	ND	760	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1248	ND	760	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1254	1800	760	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1260	ND	760	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1262	ND	760	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1268	ND	760	ug/Kg	5	01/25/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	62		%	5	01/25/16	AW	30 - 150 %
% TCMX	48		%	5	01/25/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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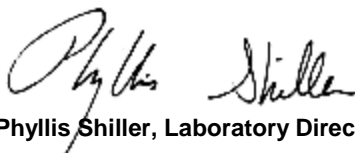
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: BULK  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56373

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB BULK-07

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	740	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1221	ND	740	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1232	ND	740	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1242	ND	740	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1248	ND	740	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1254	1600	740	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1260	ND	740	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1262	ND	740	ug/Kg	5	01/25/16	AW	SW8082A
PCB-1268	ND	740	ug/Kg	5	01/25/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	61		%	5	01/25/16	AW	30 - 150 %
% TCMX	36		%	5	01/25/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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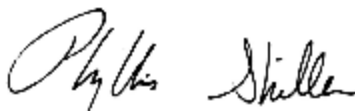
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: BULK  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56374

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB SUB-01

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	720	ug/Kg	5	01/26/16	AW	SW8082A
PCB-1221	ND	720	ug/Kg	5	01/26/16	AW	SW8082A
PCB-1232	ND	720	ug/Kg	5	01/26/16	AW	SW8082A
PCB-1242	ND	720	ug/Kg	5	01/26/16	AW	SW8082A
PCB-1248	ND	720	ug/Kg	5	01/26/16	AW	SW8082A
PCB-1254	ND	720	ug/Kg	5	01/26/16	AW	SW8082A
PCB-1260	ND	720	ug/Kg	5	01/26/16	AW	SW8082A
PCB-1262	ND	720	ug/Kg	5	01/26/16	AW	SW8082A
PCB-1268	ND	720	ug/Kg	5	01/26/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	78		%	5	01/26/16	AW	30 - 150 %
% TCMX	68		%	5	01/26/16	AW	30 - 150 %



Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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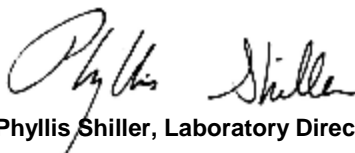
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: BULK  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56375

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB SUB-02

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	910	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1221	ND	910	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1232	ND	910	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1242	ND	910	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1248	ND	910	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1254	ND	910	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1260	ND	910	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1262	ND	910	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1268	ND	910	ug/Kg	10	01/25/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	84		%	10	01/25/16	AW	30 - 150 %
% TCMX	77		%	10	01/25/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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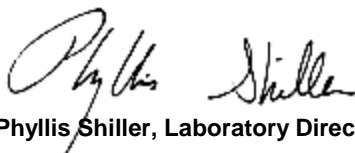
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: BULK  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56376

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB SUB-03

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	940	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1221	ND	940	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1232	ND	940	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1242	ND	940	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1248	ND	940	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1254	ND	940	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1260	ND	940	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1262	ND	940	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1268	ND	940	ug/Kg	10	01/25/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	77		%	10	01/25/16	AW	30 - 150 %
% TCMX	69		%	10	01/25/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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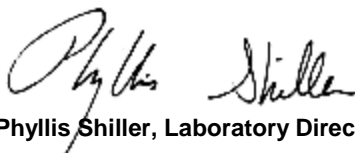
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

### Sample Information

Matrix: BULK  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

### Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

### Date

01/21/16  
 01/22/16

### Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56377

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB SUB-04

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				01/26/16	QQ/I	SW3540C

### PCB (Soxhlet SW3540C)

PCB-1016	ND	320	ug/Kg	10	01/27/16	AW	SW8082A
PCB-1221	ND	320	ug/Kg	10	01/27/16	AW	SW8082A
PCB-1232	ND	320	ug/Kg	10	01/27/16	AW	SW8082A
PCB-1242	ND	320	ug/Kg	10	01/27/16	AW	SW8082A
PCB-1248	ND	320	ug/Kg	10	01/27/16	AW	SW8082A
PCB-1254	ND	320	ug/Kg	10	01/27/16	AW	SW8082A
PCB-1260	ND	320	ug/Kg	10	01/27/16	AW	SW8082A
PCB-1262	ND	320	ug/Kg	10	01/27/16	AW	SW8082A
PCB-1268	ND	320	ug/Kg	10	01/27/16	AW	SW8082A

### QA/QC Surrogates

% DCBP	95		%	10	01/27/16	AW	30 - 150 %
% TCMX	74		%	10	01/27/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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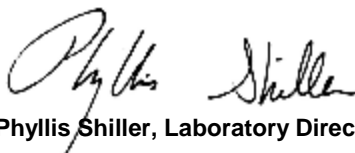
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: BULK  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56378

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB SUB-05

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	95		%		01/23/16	W	SW846-%Solid
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	950	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1221	ND	950	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1232	ND	950	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1242	ND	950	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1248	ND	950	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1254	ND	950	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1260	ND	950	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1262	ND	950	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1268	ND	950	ug/Kg	10	01/25/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	74		%	10	01/25/16	AW	30 - 150 %
% TCMX	67		%	10	01/25/16	AW	30 - 150 %



Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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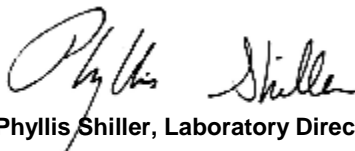
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: BULK  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56379

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB SUB-06

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	95		%		01/23/16	W	SW846-%Solid
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	760	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1221	ND	760	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1232	ND	760	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1242	ND	760	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1248	ND	760	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1254	ND	760	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1260	ND	760	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1262	ND	760	ug/Kg	10	01/25/16	AW	SW8082A
PCB-1268	ND	760	ug/Kg	10	01/25/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	75		%	10	01/25/16	AW	30 - 150 %
% TCMX	66		%	10	01/25/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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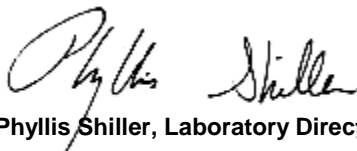
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

### Sample Information

Matrix: BULK  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

### Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

### Date

01/21/16  
 01/22/16

### Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56380

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB SUB-07

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	96		%		01/23/16	W	SW846-%Solid
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

### PCB (Soxhlet SW3540C)

PCB-1016	ND	680	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1221	ND	680	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1232	ND	680	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1242	ND	680	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1248	ND	680	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1254	ND	680	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1260	ND	680	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1262	ND	680	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1268	ND	680	ug/Kg	10	01/26/16	AW	SW8082A

### QA/QC Surrogates

% DCBP	85		%	10	01/26/16	AW	30 - 150 %
% TCMX	76		%	10	01/26/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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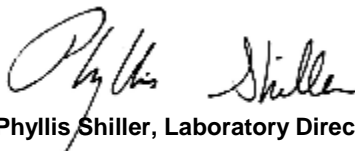
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56381

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB SOIL-01 (0-3 IN)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	68		%		01/23/16	W	SW846-%Solid
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	480	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1221	ND	480	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1232	ND	480	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1242	ND	480	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1248	ND	480	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1254	ND	480	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1260	ND	480	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1262	ND	480	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1268	ND	480	ug/Kg	10	01/26/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	83		%	10	01/26/16	AW	30 - 150 %
% TCMX	71		%	10	01/26/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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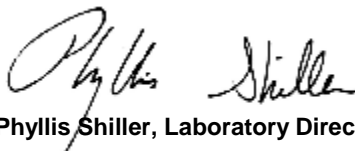
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56382

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB SOIL-02 (0-3 IN)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	60		%		01/23/16	W	SW846-%Solid
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

### PCB (Soxhlet SW3540C)

PCB-1016	ND	550	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1221	ND	550	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1232	ND	550	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1242	ND	550	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1248	ND	550	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1254	ND	550	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1260	ND	550	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1262	ND	550	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1268	ND	550	ug/Kg	10	01/26/16	AW	SW8082A

### QA/QC Surrogates

% DCBP	83		%	10	01/26/16	AW	30 - 150 %
% TCMX	64		%	10	01/26/16	AW	30 - 150 %



Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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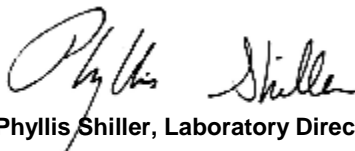
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56383

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB SOIL-03 (0-3 IN)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	61		%		01/23/16	W	SW846-%Solid
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	530	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1221	ND	530	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1232	ND	530	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1242	ND	530	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1248	ND	530	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1254	ND	530	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1260	ND	530	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1262	ND	530	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1268	ND	530	ug/Kg	10	01/26/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	82		%	10	01/26/16	AW	30 - 150 %
% TCMX	73		%	10	01/26/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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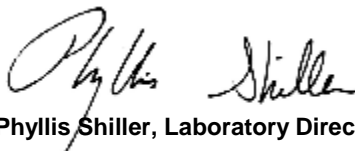
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56384

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB SOIL-04 (0-3 IN)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	70		%		01/23/16	W	SW846-%Solid
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	470	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1221	ND	470	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1232	ND	470	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1242	ND	470	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1248	ND	470	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1254	ND	470	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1260	ND	470	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1262	ND	470	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1268	ND	470	ug/Kg	10	01/26/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	82		%	10	01/26/16	AW	30 - 150 %
% TCMX	55		%	10	01/26/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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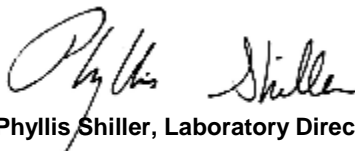
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56385

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB SOIL-05 (0-3 IN)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	64		%		01/23/16	W	SW846-%Solid
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	510	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1221	ND	510	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1232	ND	510	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1242	ND	510	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1248	ND	510	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1254	ND	510	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1260	ND	510	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1262	ND	510	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1268	ND	510	ug/Kg	10	01/26/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	88		%	10	01/26/16	AW	30 - 150 %
% TCMX	76		%	10	01/26/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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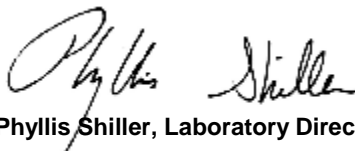
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56386

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB SOIL-06 (0-3 IN)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	92		%		01/23/16	W	SW846-%Solid
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	360	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1221	ND	360	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1232	ND	360	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1242	ND	360	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1248	ND	360	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1254	1300	360	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1260	ND	360	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1262	ND	360	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1268	ND	360	ug/Kg	10	01/26/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	75		%	10	01/26/16	AW	30 - 150 %
% TCMX	66		%	10	01/26/16	AW	30 - 150 %



Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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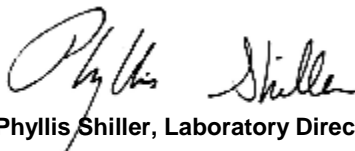
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56387

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB SOIL-07 (0-3 IN)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	87		%		01/23/16	W	SW846-%Solid
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	810	ug/Kg	5	01/26/16	AW	SW8082A
PCB-1221	ND	810	ug/Kg	5	01/26/16	AW	SW8082A
PCB-1232	ND	810	ug/Kg	5	01/26/16	AW	SW8082A
PCB-1242	ND	810	ug/Kg	5	01/26/16	AW	SW8082A
PCB-1248	ND	810	ug/Kg	5	01/26/16	AW	SW8082A
PCB-1254	6700	810	ug/Kg	5	01/26/16	AW	SW8082A
PCB-1260	ND	810	ug/Kg	5	01/26/16	AW	SW8082A
PCB-1262	ND	810	ug/Kg	5	01/26/16	AW	SW8082A
PCB-1268	ND	810	ug/Kg	5	01/26/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	73		%	5	01/26/16	AW	30 - 150 %
% TCMX	49		%	5	01/26/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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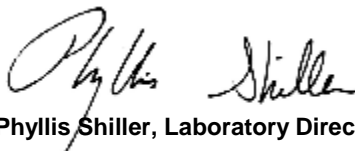
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56388

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB SOIL-08 (0-3 IN)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	89		%		01/23/16	W	SW846-%Solid
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	3900	ug/Kg	50	01/26/16	AW	SW8082A
PCB-1221	ND	3900	ug/Kg	50	01/26/16	AW	SW8082A
PCB-1232	ND	3900	ug/Kg	50	01/26/16	AW	SW8082A
PCB-1242	ND	3900	ug/Kg	50	01/26/16	AW	SW8082A
PCB-1248	ND	3900	ug/Kg	50	01/26/16	AW	SW8082A
PCB-1254	12000	3900	ug/Kg	50	01/26/16	AW	SW8082A
PCB-1260	ND	3900	ug/Kg	50	01/26/16	AW	SW8082A
PCB-1262	ND	3900	ug/Kg	50	01/26/16	AW	SW8082A
PCB-1268	ND	3900	ug/Kg	50	01/26/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	Diluted Out		%	50	01/26/16	AW	30 - 150 %
% TCMX	Diluted Out		%	50	01/26/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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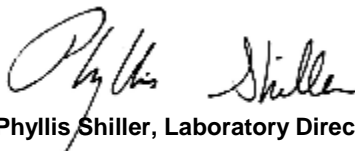
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56389

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB SOIL-09 (0-3 IN)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	92		%		01/23/16	W	SW846-%Solid
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	3600	ug/Kg	100	01/25/16	AW	SW8082A
PCB-1221	ND	3600	ug/Kg	100	01/25/16	AW	SW8082A
PCB-1232	ND	3600	ug/Kg	100	01/25/16	AW	SW8082A
PCB-1242	ND	3600	ug/Kg	100	01/25/16	AW	SW8082A
PCB-1248	ND	3600	ug/Kg	100	01/25/16	AW	SW8082A
PCB-1254	19000	3600	ug/Kg	100	01/25/16	AW	SW8082A
PCB-1260	ND	3600	ug/Kg	100	01/25/16	AW	SW8082A
PCB-1262	ND	3600	ug/Kg	100	01/25/16	AW	SW8082A
PCB-1268	ND	3600	ug/Kg	100	01/25/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	Diluted Out		%	100	01/25/16	AW	30 - 150 %
% TCMX	Diluted Out		%	100	01/25/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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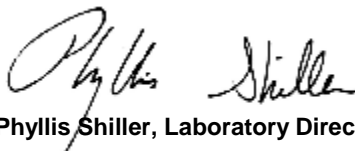
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56390

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB SOIL-10 (0-3 IN)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	87		%		01/23/16	W	SW846-%Solid
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	380	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1221	ND	380	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1232	ND	380	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1242	ND	380	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1248	ND	380	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1254	2800	380	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1260	ND	380	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1262	ND	380	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1268	ND	380	ug/Kg	10	01/26/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	79		%	10	01/26/16	AW	30 - 150 %
% TCMX	80		%	10	01/26/16	AW	30 - 150 %



Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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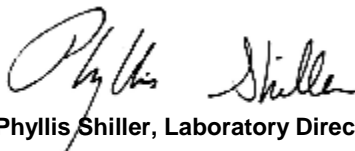
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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56391

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB SOIL-11 (0-3 IN)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	89		%		01/23/16	W	SW846-%Solid
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	780	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1221	ND	780	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1232	ND	780	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1242	ND	780	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1248	ND	780	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1254	2500	780	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1260	ND	780	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1262	ND	780	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1268	ND	780	ug/Kg	10	01/26/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	79		%	10	01/26/16	AW	30 - 150 %
% TCMX	79		%	10	01/26/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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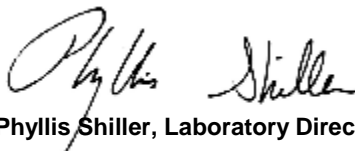
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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56392

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB SOIL-12 (0-3 IN)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	87		%		01/23/16	W	SW846-%Solid
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	380	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1221	ND	380	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1232	ND	380	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1242	ND	380	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1248	ND	380	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1254	ND	380	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1260	ND	380	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1262	ND	380	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1268	ND	380	ug/Kg	10	01/26/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	75		%	10	01/26/16	AW	30 - 150 %
% TCMX	74		%	10	01/26/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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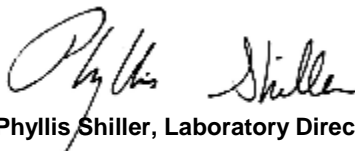
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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56393

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB SOIL-13 (0-3 IN)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	55		%		01/23/16	W	SW846-%Solid
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	590	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1221	ND	590	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1232	ND	590	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1242	ND	590	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1248	ND	590	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1254	1900	590	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1260	ND	590	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1262	ND	590	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1268	ND	590	ug/Kg	10	01/26/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	75		%	10	01/26/16	AW	30 - 150 %
% TCMX	76		%	10	01/26/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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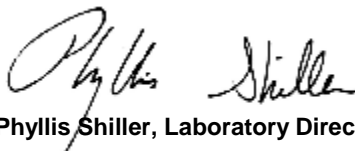
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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56394

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB SOIL-14 (0-3 IN)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	93		%		01/23/16	W	SW846-%Solid
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	350	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1221	ND	350	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1232	ND	350	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1242	ND	350	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1248	ND	350	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1254	820	350	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1260	ND	350	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1262	ND	350	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1268	ND	350	ug/Kg	10	01/26/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	74		%	10	01/26/16	AW	30 - 150 %
% TCMX	76		%	10	01/26/16	AW	30 - 150 %



Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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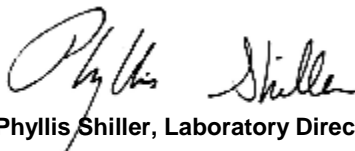
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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

January 28, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 10-1077-6 PH

Custody Information

Collected by: PH  
 Received by: LK  
 Analyzed by: see "By" below

Date

01/21/16  
 01/22/16

Time

12:46

## Laboratory Data

SDG ID: GBK56367  
 Phoenix ID: BK56395

Project ID: 150 WINDSOR STREET  
 Client ID: 1-21-PCB SOIL-15 (0-3 IN)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	86		%		01/23/16	W	SW846-%Solid
Extraction for PCB	Completed				01/22/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	820	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1221	ND	820	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1232	ND	820	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1242	ND	820	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1248	ND	820	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1254	2300	820	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1260	ND	820	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1262	ND	820	ug/Kg	10	01/26/16	AW	SW8082A
PCB-1268	ND	820	ug/Kg	10	01/26/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	88		%	10	01/26/16	AW	30 - 150 %
% TCMX	65		%	10	01/26/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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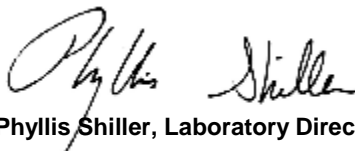
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**Phyllis Shiller, Laboratory Director**

**January 28, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# QA/QC Report

January 28, 2016

## QA/QC Data

SDG I.D.: GBK56367

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 332843 (ug/Kg), QC Sample No: BK55735 10X (BK56367, BK56368, BK56369, BK56370, BK56371, BK56372, BK56373)

### Polychlorinated Biphenyls - Bulk

PCB-1016	ND	170	93	92	1.1				40 - 140	30
PCB-1221	ND	170							40 - 140	30
PCB-1232	ND	170							40 - 140	30
PCB-1242	ND	170							40 - 140	30
PCB-1248	ND	170							40 - 140	30
PCB-1254	ND	170							40 - 140	30
PCB-1260	ND	170	101	96	5.1				40 - 140	30
PCB-1262	ND	170							40 - 140	30
PCB-1268	ND	170							40 - 140	30
% DCBP (Surrogate Rec)	114	%	108	105	2.8				30 - 150	30
% TCMX (Surrogate Rec)	77	%	79	78	1.3				30 - 150	30

Comment:

Due to PCB in the unspiked sample, MS/MSD could not be reported.

QA/QC Batch 332954 (ug/Kg), QC Sample No: BK56383 10X (BK56374, BK56375, BK56376, BK56377, BK56378, BK56379, BK56380, BK56381, BK56382, BK56383, BK56384, BK56385, BK56386, BK56387, BK56388, BK56389, BK56390, BK56391, BK56392)

### Polychlorinated Biphenyls - Bulk, Soil

PCB-1016	ND	170	83	77	7.5	87	78	10.9	40 - 140	30
PCB-1221	ND	170							40 - 140	30
PCB-1232	ND	170							40 - 140	30
PCB-1242	ND	170							40 - 140	30
PCB-1248	ND	170							40 - 140	30
PCB-1254	ND	170							40 - 140	30
PCB-1260	ND	170	85	80	6.1	87	75	14.8	40 - 140	30
PCB-1262	ND	170							40 - 140	30
PCB-1268	ND	170							40 - 140	30
% DCBP (Surrogate Rec)	82	%	79	75	5.2	74	69	7.0	30 - 150	30
% TCMX (Surrogate Rec)	66	%	66	63	4.7	69	59	15.6	30 - 150	30

QA/QC Batch 332955 (ug/Kg), QC Sample No: BK56393 10X (BK56393, BK56394, BK56395)

### Polychlorinated Biphenyls - Soil

PCB-1016	ND	170	75	68	9.8	69	77	11.0	40 - 140	30
PCB-1221	ND	170							40 - 140	30
PCB-1232	ND	170							40 - 140	30
PCB-1242	ND	170							40 - 140	30
PCB-1248	ND	170							40 - 140	30
PCB-1254	ND	170							40 - 140	30
PCB-1260	ND	170	86	83	3.6	98	105	6.9	40 - 140	30
PCB-1262	ND	170							40 - 140	30
PCB-1268	ND	170							40 - 140	30

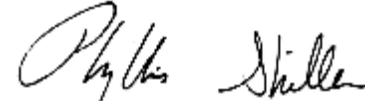
QA/QC Data

SDG I.D.: GBK56367

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% DCBP (Surrogate Rec)	100	%	90	88	2.2	68	76	11.1	30 - 150	30
% TCMX (Surrogate Rec)	64	%	63	52	19.1	58	67	14.4	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference



Phyllis Shiller, Laboratory Director  
January 28, 2016

# Sample Criteria Exceedences Report

Criteria: None

**GBK56367 - TIGHE**

State: CT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
--------	-------	-----------------	----------	--------	----	----------	----------------	-------------------

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\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.











**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



# RCP Certification Report

January 28, 2016

SDG I.D.: GBK56367

---

## PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

**Instrument:** Au-ecd24 01/25/16-1 (BK56381, BK56382, BK56383, BK56388, BK56393)

The initial calibration (PC0121AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PC0121BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.

**Printed Name** Adam Werner  
**Position:** Chemist  
**Date:** 1/25/2016

**Instrument:** Au-ecd29 01/25/16-1 (BK56383, BK56389)

The initial calibration (PC0120AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PC0120BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.

**Printed Name** Adam Werner  
**Position:** Chemist  
**Date:** 1/25/2016

**Instrument:** Au-ecd29 01/26/16-1 (BK56370)

The initial calibration (PC0120AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PC0120BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.

**Printed Name** Adam Werner  
**Position:** Chemist  
**Date:** 1/26/2016

**Instrument:** Au-ecd3 01/25/16-1 (BK56367, BK56368, BK56369, BK56384, BK56385, BK56387, BK56395)

The initial calibration (PC0105AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PC0105BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.



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Tel. (860) 645-1102 Fax (860) 645-0823



# RCP Certification Report

January 28, 2016

SDG I.D.: GBK56367

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**Printed Name** Adam Werner  
**Position:** Chemist  
**Date:** 1/25/2016

**Instrument:** Au-ecd3 01/27/16-1 (BK56377)

The initial calibration (PC0105AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PC0105BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.

**Printed Name** Adam Werner  
**Position:** Chemist  
**Date:** 1/27/2016

**Instrument:** Au-ecd8 01/25/16-1 (BK56371, BK56372, BK56373, BK56374, BK56375, BK56376, BK56377, BK56378, BK56379, BK56380, BK56386, BK56390, BK56391, BK56392, BK56393, BK56394)

The initial calibration (PC0120AI) RSD for the compound list was less than 20% except for the following compounds: None.

The initial calibration (PC0120BI) RSD for the compound list was less than 20% except for the following compounds: None.

The continuing calibration %D for the compound list was less than 15% except for the following compounds: None.

**Printed Name** Adam Werner  
**Position:** Chemist  
**Date:** 1/25/2016

**QC Comments:** QC Batch 332843 01/21/16 (BK56367, BK56368, BK56369, BK56370, BK56371, BK56372, BK56373)

Due to PCB in the unspiked sample, MS/MSD could not be reported.



**Environmental Laboratories, Inc.**  
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Tel. (860) 645-1102 Fax (860) 645-0823



# RCP Certification Report

January 28, 2016

SDG I.D.: GBK56367

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## QC (Batch Specific)

----- Sample No: BK55735, QA/QC Batch: 332843 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

----- Sample No: BK56383, QA/QC Batch: 332954 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

----- Sample No: BK56393, QA/QC Batch: 332955 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

## Temperature Narration

The samples were received at 2C with cooling initiated.  
(Note acceptance criteria is above freezing up to 6°C)



**CHAIN OF CUSTODY RECORD**

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
**Client Services (860) 645-8726**

Customer: Tyler & Bond  
 Address: 213 Court Street  
Middletown, CT

Project: 150 Windsor Street  
 Report to: Philip Hutter  
 Invoice to: Wesfield

Project P.O.: 2255  
 10-1671-6 This section **MUST** be completed with **Bottle Quantities.**

Coolant: IPK  ICE  No   
 Cooler: Yes  No   
 Temp 20 °C Pg 1 of 1  
 Contact Options:  
 Fax: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Email: phutter@tylerandbond.com

Client Sample - Information - Identification  
 Sampler's Signature: Philip C. Hutter Date: 1/21/16

Matrix Code:  
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
56367	1-21-P68B-1K-01	B	1/21/16	
56368	1-21-P68B-1K-02			
56369	1-21-P68B-1K-03			
56370	1-21-P68B-1K-04			
56371	1-21-P68B-1K-05			
56372	1-21-P68B-1K-06			
56373	1-21-P68B-1K-07			

Analysis Request  
PER PG 22 of schedule

Sample	GL Soil Vials (methanol)   H2O	GL Soil container ( ) oz	40 ml VOA Vial (As is)   HCl	PL As is ( ) 250ml   1500ml   1000ml	PL H2SO4 ( ) 250ml   1500ml   500ml	PL HNO3 250ml	Bacteria Bottle
56367							
56368							
56369							
56370							
56371							
56372							
56373							

Relinquished by: Philip C. Hutter Accepted by: Top Refrigeration  
Chasoline  
 Date: 1/22/16 Time: 1246  
 Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 Standard  
 Other  
 \* SURCHARGE APPLIES  
 Comments, Special Requirements or Regulations:  
RL < 1 PPM

RI  Direct Exposure (Residential)  
 GW  
 Other  
 CT  RCP Cert  
 GW Protection  
 SW Protection  
 GA Mobility  
 GB Mobility  
 Residential DEC  
 I/C DEC  
 Other  
 MA  MCP Certification  
 GW-1  
 GW-2  
 GW-3  
 S-1  
 S-2  
 S-3  
 MWRA eSMART  
 Other  
 Data Format  
 Excel  
 PDF  
 GIS/Key  
 EQulS  
 Other  
 Data Package  
 Tier II Checklist  
 Full Data Package\*  
 Phoenix Std Report  
 Other  
 \* SURCHARGE APPLIES  
 State where samples were collected: CT

# CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
**Client Services (860) 645-8726**



**Customer:** Tigo & Bond  
 Address: 213 Summit Street  
 Middletown, CT

**Project:** 150 Windsor Street  
**Report to:** Philip Hutter  
**Invoice to:** Westfield

Project P.O.: 10-1071-6

This section **MUST** be completed with **Bottle Quantities.**

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
56374	1-21-PCBSub-01	B	1/21/16	
56375	1-21-PCBSub-02			
56376	1-21-PCBSub-03			
56377	1-21-PCBSub-04			
56378	1-21-PCBSub-05			
56379	1-21-PCBSub-06			
56380	1-21-PCBSub-07			

Analysis Request	RI	CT	MA	Data Format
PCB PAHs	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Soil VOC Vials (metal) [H2O]	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
40 ml VOA Vial (As is) [HCl]	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GL Soil container ( )	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GL Amber 1000ml (As is) [HCl]	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PL As is [1250ml] (As is) [H2SO4]	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PL H2SO4 [250ml] [300ml] [300ml]	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PL HNO3 250ml [1800ml]	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Beaker Bottle	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Relinquished by: Philip C. Hutter  
 Accepted by: T. O. B. Richardson  
Chaudhry

Date: 1/21/16 9:00 AM  
 1/22/16 1246

Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 Standard  
 Other

State where samples were collected: CT

\* SURCHARGE APPLIES

RI:  Direct Exposure (Residential)  
 GW  
 Other

CT:  RCP Cert  
 GW Protection  
 SW Protection  
 GA Mobility  
 GB Mobility  
 Residential DEC  
 I/C DEC  
 Other

MA:  MCP Certification  
 GW-1  
 GW-2  
 GW-3  
 S-1  
 S-2  
 S-3  
 MWRA eSMART  
 Other

Data Format:  
 Excel  
 PDF  
 GIS/Key  
 EQUIS  
 Other

Data Package:  
 Tier II Checklist  
 Full Data Package\*  
 Phoenix Sid Report  
 Other

\* SURCHARGE APPLIES

Comments, Special Requirements or Regulations:  
 2L < 1 PPM

Cooler: Yes  No   
 Coolant: IPK  ICE   
 Temp: 20°C Pg 2 of 4

Contact Options:  
 Fax:   
 Phone:   
 Email:  pchutter@tigo.com

# CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726



Customer: Tighe & Bond  
 Address: 213 Court Street  
Middletown, CT

Project: 150 Windsor Street  
 Report to: Philo Hottle  
 Invoice to: Westfield

Project P.O.: 10-1077-6

This section **MUST** be completed with **Bottle Quantities.**

Sampler's Signature: [Signature] Date: 1/21/16

Client Sample - Information - Identification  
 Date: 1/21/16

Matrix Code:  
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
50381	1-21-PES-01-01(0-3")	S	1/21/16	
50382	1-21-PES-01-02(0-3")			
50383	1-21-PES-01-03(0-3")			
50384	1-21-PES-01-04(0-3")			
50385	1-21-PES-01-05(0-3")			
50386	1-21-PES-01-06(0-3")			
50387	1-21-PES-01-07(0-3")			
50388	1-21-PES-01-08(0-3")			
50389	1-21-PES-01-09(0-3")			
50390	1-21-PES-01-10(0-3")			
50391	1-21-PES-01-11(0-3")			
50392	1-21-PES-01-12(0-3")			

Relinquished by: [Signature] Accepted by: [Signature]  
 Job Refrigerator  
 Machine

Comments, Special Requirements or Regulations:  
RL < 1 PPM

Analysis Request	RI	CT	MA	Data Format
	<input type="checkbox"/> Direct Exposure (Residential) <input type="checkbox"/> GW <input type="checkbox"/> Other	<input type="checkbox"/> RCP Cart <input type="checkbox"/> GW Protection <input type="checkbox"/> SW Protection <input type="checkbox"/> GA Mobility <input type="checkbox"/> GB Mobility <input type="checkbox"/> Residential DEC <input type="checkbox"/> I/C DEC <input type="checkbox"/> Other	<input type="checkbox"/> MCP Certification <input type="checkbox"/> GW-1 <input type="checkbox"/> GW-2 <input type="checkbox"/> GW-3 <input type="checkbox"/> S-1 <input type="checkbox"/> S-2 <input type="checkbox"/> S-3 <input type="checkbox"/> MWRA eSMART <input type="checkbox"/> Other	<input type="checkbox"/> Excel <input type="checkbox"/> PDF <input type="checkbox"/> GIS/Key <input type="checkbox"/> EQUIS <input type="checkbox"/> Other Data Package <input type="checkbox"/> Tier II Checklist <input type="checkbox"/> Full Data Package* <input checked="" type="checkbox"/> Phoenix Std Report <input type="checkbox"/> Other

Soil VOA Vials [methanol] [H2O]  
 50 ml VOA Vial [As is] [HCl]  
 50 ml VOA Vial [As is] [HCl]  
 PL As is [250ml] [As is] [HCl]  
 PL H2SO4 [250ml] [As is] [H2SO4]  
 PL HNO3 250ml  
 PL NaOH 250ml  
 Escheria Bactia

State where samples were collected: CT

\* SURCHARGE APPLIES

\* SURCHARGE APPLIES

Coolant: Yes  No   
 IPK  ICE   
 Temp 20C Pg 3 of 4

Contact Options:  
 Fax:   
 Phone:   
 Email:  [Signature]





Friday, February 05, 2016

Attn: Mr. Phillip Hutter  
Tighe & Bond  
213 Court St, Suite 1100  
Middletown, CT 06457

Project ID: 150 WINDSOR ST.  
Sample ID#s: BK60304 - BK60311

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301





Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

February 05, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 12-1077-6

Custody Information

Collected by: PH  
 Received by: LB  
 Analyzed by: see "By" below

Date

01/21/16  
 02/02/16

Time

16:02

## Laboratory Data

SDG ID: GBK60304  
 Phoenix ID: BK60304

Project ID: 150 WINDSOR ST.  
 Client ID: 1-21-PCB-SOIL-06 3-6 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	92		%		02/02/16	W	SW846-%Solid
Extraction for PCB	Completed				02/02/16	BQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	360	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1221	ND	360	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1232	ND	360	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1242	ND	360	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1248	ND	360	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1254	510	360	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1260	ND	360	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1262	ND	360	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1268	ND	360	ug/Kg	10	02/03/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	112		%	10	02/03/16	AW	30 - 150 %
% TCMX	79		%	10	02/03/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
-----------	--------	------------	-------	----------	-----------	----	-----------

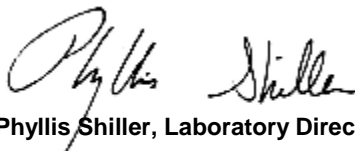
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



**Phyllis Shiller, Laboratory Director**

**February 05, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

February 05, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

## Sample Information

Matrix: SOIL  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 12-1077-6

## Custody Information

Collected by: PH  
 Received by: LB  
 Analyzed by: see "By" below

## Date

01/21/16  
 02/02/16

## Time

16:02

## Laboratory Data

SDG ID: GBK60304  
 Phoenix ID: BK60305

Project ID: 150 WINDSOR ST.  
 Client ID: 1-21-PCB-SOIL-07 3-6 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	96		%		02/02/16	W	SW846-%Solid
Extraction for PCB	Completed				02/02/16	BQ/I	SW3540C

## PCB (Soxhlet SW3540C)

PCB-1016	ND	340	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1221	ND	340	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1232	ND	340	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1242	ND	340	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1248	ND	340	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1254	600	340	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1260	ND	340	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1262	ND	340	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1268	ND	340	ug/Kg	10	02/03/16	AW	SW8082A

## QA/QC Surrogates

% DCBP	111		%	10	02/03/16	AW	30 - 150 %
% TCMX	87		%	10	02/03/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
-----------	--------	------------	-------	----------	-----------	----	-----------

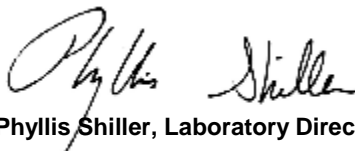
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



**Phyllis Shiller, Laboratory Director**

**February 05, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

February 05, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 12-1077-6

Custody Information

Collected by: PH  
 Received by: LB  
 Analyzed by: see "By" below

Date

01/21/16  
 02/02/16

Time

16:02

## Laboratory Data

SDG ID: GBK60304  
 Phoenix ID: BK60306

Project ID: 150 WINDSOR ST.  
 Client ID: 1-21-PCB-SOIL-08 3-6 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	87		%		02/02/16	W	SW846-%Solid
Extraction for PCB	Completed				02/02/16	BQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	570	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1221	ND	570	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1232	ND	570	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1242	ND	570	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1248	ND	570	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1254	2800	570	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1260	ND	570	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1262	ND	570	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1268	ND	570	ug/Kg	10	02/03/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	68		%	10	02/03/16	AW	30 - 150 %
% TCMX	50		%	10	02/03/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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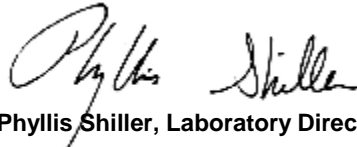
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



**Phyllis Shiller, Laboratory Director**

**February 05, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

February 05, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 12-1077-6

Custody Information

Collected by: PH  
 Received by: LB  
 Analyzed by: see "By" below

Date

01/21/16  
 02/02/16

Time

16:02

## Laboratory Data

SDG ID: GBK60304  
 Phoenix ID: BK60307

Project ID: 150 WINDSOR ST.  
 Client ID: 1-21-PCB-SOIL-09 3-6 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	94		%		02/02/16	W	SW846-%Solid
Extraction for PCB	Completed				02/02/16	BQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	1700	ug/Kg	50	02/03/16	AW	SW8082A
PCB-1221	ND	1700	ug/Kg	50	02/03/16	AW	SW8082A
PCB-1232	ND	1700	ug/Kg	50	02/03/16	AW	SW8082A
PCB-1242	ND	1700	ug/Kg	50	02/03/16	AW	SW8082A
PCB-1248	ND	1700	ug/Kg	50	02/03/16	AW	SW8082A
PCB-1254	6100	1700	ug/Kg	50	02/03/16	AW	SW8082A
PCB-1260	ND	1700	ug/Kg	50	02/03/16	AW	SW8082A
PCB-1262	ND	1700	ug/Kg	50	02/03/16	AW	SW8082A
PCB-1268	ND	1700	ug/Kg	50	02/03/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	Diluted Out		%	50	02/03/16	AW	30 - 150 %
% TCMX	Diluted Out		%	50	02/03/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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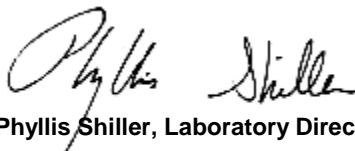
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**February 05, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**





Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

February 05, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 12-1077-6

Custody Information

Collected by: PH  
 Received by: LB  
 Analyzed by: see "By" below

Date

01/21/16  
 02/02/16

Time

16:02

## Laboratory Data

SDG ID: GBK60304  
 Phoenix ID: BK60308

Project ID: 150 WINDSOR ST.  
 Client ID: 1-21-PCB-SOIL-10 3-6 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	94		%		02/02/16	W	SW846-%Solid
Extraction for PCB	Completed				02/02/16	BQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	350	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1221	ND	350	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1232	ND	350	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1242	ND	350	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1248	ND	350	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1254	3000	350	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1260	ND	350	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1262	ND	350	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1268	ND	350	ug/Kg	10	02/03/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	110		%	10	02/03/16	AW	30 - 150 %
% TCMX	76		%	10	02/03/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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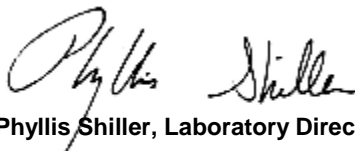
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**February 05, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

February 05, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 12-1077-6

Custody Information

Collected by: PH  
 Received by: LB  
 Analyzed by: see "By" below

Date

01/21/16  
 02/02/16

Time

16:02

## Laboratory Data

SDG ID: GBK60304  
 Phoenix ID: BK60309

Project ID: 150 WINDSOR ST.  
 Client ID: 1-21-PCB-SOIL-11 3-6 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	89		%		02/02/16	W	SW846-%Solid
Extraction for PCB	Completed				02/02/16	BQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	560	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1221	ND	560	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1232	ND	560	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1242	ND	560	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1248	ND	560	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1254	1800	560	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1260	ND	560	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1262	ND	560	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1268	ND	560	ug/Kg	10	02/03/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	94		%	10	02/03/16	AW	30 - 150 %
% TCMX	72		%	10	02/03/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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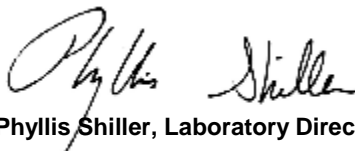
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**February 05, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

February 05, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

## Sample Information

Matrix: SOIL  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 12-1077-6

## Custody Information

Collected by: PH  
 Received by: LB  
 Analyzed by: see "By" below

## Date

01/21/16  
 02/02/16

## Time

16:02

## Laboratory Data

SDG ID: GBK60304  
 Phoenix ID: BK60310

Project ID: 150 WINDSOR ST.  
 Client ID: 1-21-PCB-SOIL-13 3-6 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	92		%		02/02/16	W	SW846-%Solid
Extraction for PCB	Completed				02/02/16	BQ/I	SW3540C

### PCB (Soxhlet SW3540C)

PCB-1016	ND	360	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1221	ND	360	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1232	ND	360	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1242	ND	360	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1248	ND	360	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1254	1500	360	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1260	ND	360	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1262	ND	360	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1268	ND	360	ug/Kg	10	02/03/16	AW	SW8082A

### QA/QC Surrogates

% DCBP	71		%	10	02/03/16	AW	30 - 150 %
% TCMX	55		%	10	02/03/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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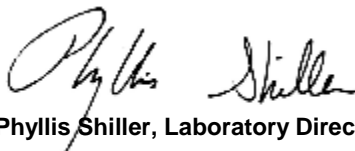
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**February 05, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

February 05, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE  
 Rush Request: Standard  
 P.O.#: 12-1077-6

Custody Information

Collected by: PH  
 Received by: LB  
 Analyzed by: see "By" below

Date

01/21/16  
 02/02/16

Time

16:02

## Laboratory Data

SDG ID: GBK60304  
 Phoenix ID: BK60311

Project ID: 150 WINDSOR ST.  
 Client ID: 1-21-PCB-SOIL-15 3-6 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	90		%		02/02/16	W	SW846-%Solid
Extraction for PCB	Completed				02/02/16	BQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	750	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1221	ND	750	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1232	ND	750	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1242	ND	750	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1248	ND	750	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1254	1100	750	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1260	ND	750	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1262	ND	750	ug/Kg	10	02/03/16	AW	SW8082A
PCB-1268	ND	750	ug/Kg	10	02/03/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	98		%	10	02/03/16	AW	30 - 150 %
% TCMX	73		%	10	02/03/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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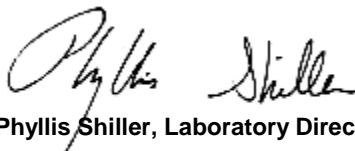
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**February 05, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**





Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# QA/QC Report

February 05, 2016

## QA/QC Data

SDG I.D.: GBK60304

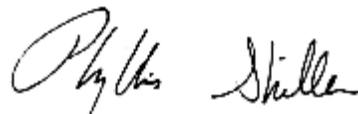
Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 333860 (ug/Kg), QC Sample No: BK60272 10X (BK60304, BK60305)										
<u>Polychlorinated Biphenyls - Soil</u>										
PCB-1016	ND	170	81	79	2.5	79	81	2.5	40 - 140	30
PCB-1221	ND	170							40 - 140	30
PCB-1232	ND	170							40 - 140	30
PCB-1242	ND	170							40 - 140	30
PCB-1248	ND	170							40 - 140	30
PCB-1254	ND	170							40 - 140	30
PCB-1260	ND	170	83	86	3.6	79	79	0.0	40 - 140	30
PCB-1262	ND	170							40 - 140	30
PCB-1268	ND	170							40 - 140	30
% DCBP (Surrogate Rec)	105	%	99	97	2.0	96	95	1.0	30 - 150	30
% TCMX (Surrogate Rec)	95	%	82	80	2.5	93	88	5.5	30 - 150	30
QA/QC Batch 333863 (ug/Kg), QC Sample No: BK60307 10X (BK60306, BK60307, BK60308, BK60309, BK60310, BK60311)										
<u>Polychlorinated Biphenyls - Soil</u>										
PCB-1016	ND	170	81	87	7.1				40 - 140	30
PCB-1221	ND	170							40 - 140	30
PCB-1232	ND	170							40 - 140	30
PCB-1242	ND	170							40 - 140	30
PCB-1248	ND	170							40 - 140	30
PCB-1254	ND	170							40 - 140	30
PCB-1260	ND	170	86	97	12.0				40 - 140	30
PCB-1262	ND	170							40 - 140	30
PCB-1268	ND	170							40 - 140	30
% DCBP (Surrogate Rec)	85	%	95	105	10.0				30 - 150	30
% TCMX (Surrogate Rec)	47	%	66	81	20.4				30 - 150	30

Comment:

Only an LCS. LCSD and MS are included in this Batch.  
 MS could not be reported due to pcb in the uspiked sample.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

  
 Phyllis Shiller, Laboratory Director  
 February 05, 2016

# Sample Criteria Exceedences Report

Criteria: None

**GBK60304 - TIGHE**

State: CT

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



# CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
**Client Services (860) 645-8726**



Customer: Tighe & Bond  
 Address: 273 Court Street  
Middle town, CT

Project: ISO Windsor Street  
 Report to: Philip Hutter  
 Invoice to: Westfield

Project P.O.: 12-1677-6

This section **MUST** be completed with **Bottle Quantities.**

Cooler: Yes  No   
 Coolant:  PK  ICE  No   
 Temp 3 °C Pg 1 of 1  
 Contact Options:  
 Fax:   
 Phone:   
 Email:  phutter@tighetbond.com

Client Sample - Information - Identification  
 Sampler's Signature: Philip C. Hutter Date: 1/21/16  
 Matrix Code:  
 OW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
100304	1-21-PBS-01-06(3-6")	S	1/21/16		X
100305	1-21-PBS-01-07(3-6")	S			X
100306	1-21-PBS-01-08(3-6")	S			X
100307	1-21-PBS-01-09(3-6")	S			X
100308	1-21-PBS-01-10(3-6")	S			X
100309	1-21-PBS-01-11(3-6")	S			X
100310	1-21-PBS-01-13(3-6")	S			X
100311	1-21-PBS-01-15(3-6")	S			X

Requisitioned by: Philip C. Hutter Accepted by: Tobias Refrigeration  
 Date: 1/16 Time: 2:10  
 RI:  Direct Exposure (Residential)  GW  Other  
 GI:  RCP Cert  GW Protection  SW Protection  GA Mobility  GB Mobility  Residential DEC  I/C DEC  Other  
 MA:  MCP Certification  GW-1  GW-2  GW-3  S-1  S-2  S-3  MWRA eSMART  Other  
 Data Format:  Excel  PDF  GIS/Key  EQUIS  Other  
 Data Package:  Tier II Checklist  Full Data Package\*  Phoenix Std Report  Other  
 Turnaround:  1 Day\*  2 Days\*  3 Days\*  Standard  Other  
 Comments, Special Requirements or Regulations: RL < 1 PPM  
 State where samples were collected: CT  
 \* SURCHARGE APPLIES



Tuesday, March 22, 2016

Attn: Mr. Phillip Hutter  
Tighe & Bond  
213 Court St, Suite 1100  
Middletown, CT 06457

Project ID: 150 WINDSOR ST.

Sample ID#s: BK75683, BK75685 - BK75686, BK75689, BK75691 - BK75692, BK75695,  
BK75697 - BK75698, BK75701 - BK75702, BK75708 - BK75709, BK75711 -  
BK75712, BK75715 - BK75716, BK75722 - BK75723, BK75729 - BK75730

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller

Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

March 22, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE-HARTFD  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

03/03/16  
 03/09/16

Time

11:45

## Laboratory Data

SDG ID: GBK75683  
 Phoenix ID: BK75683

Project ID: 150 WINDSOR ST.  
 Client ID: 3-3-PCB 01 2.5 FT/0-3 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	85		%		03/14/16	W	SW846-%Solid
Extraction for PCB	Completed				03/14/16	Q/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	770	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1221	ND	770	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1232	ND	770	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1242	ND	770	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1248	ND	770	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1254	1600	770	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1260	ND	770	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1262	ND	770	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1268	ND	770	ug/Kg	10	03/15/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	102		%	10	03/15/16	AW	30 - 150 %
% TCMX	80		%	10	03/15/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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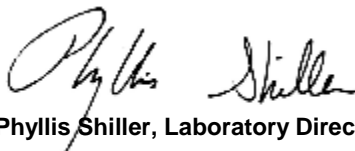
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**March 22, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

March 22, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE-HARTFD  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

03/03/16  
 03/09/16

Time

11:45

## Laboratory Data

SDG ID: GBK75683  
 Phoenix ID: BK75685

Project ID: 150 WINDSOR ST.  
 Client ID: 3-3-PCB 01 2.5 FT/12 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	94		%		03/18/16	c	SW846-%Solid
Extraction for PCB	Completed				03/18/16	Q/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	350	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1221	ND	350	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1232	ND	350	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1242	ND	350	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1248	ND	350	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1254	420	350	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1260	ND	350	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1262	ND	350	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1268	ND	350	ug/Kg	10	03/21/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	97		%	10	03/21/16	AW	30 - 150 %
% TCMX	88		%	10	03/21/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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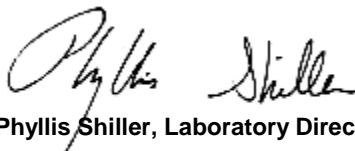
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**Phyllis Shiller, Laboratory Director**

**March 22, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**





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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

March 22, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

## Sample Information

Matrix: SOIL  
 Location Code: TIGHE-HARTFD  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

03/03/16  
 03/09/16

## Time

11:45

## Laboratory Data

SDG ID: GBK75683  
 Phoenix ID: BK75686

Project ID: 150 WINDSOR ST.  
 Client ID: 3-3-PCB 02 5 FT/0-3 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	75		%		03/18/16	c	SW846-%Solid
Extraction for PCB	Completed				03/18/16	Q/I	SW3540C

## PCB (Soxhlet SW3540C)

PCB-1016	ND	430	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1221	ND	430	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1232	ND	430	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1242	ND	430	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1248	ND	430	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1254	510	430	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1260	ND	430	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1262	ND	430	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1268	ND	430	ug/Kg	10	03/21/16	AW	SW8082A

## QA/QC Surrogates

% DCBP	78		%	10	03/21/16	AW	30 - 150 %
% TCMX	76		%	10	03/21/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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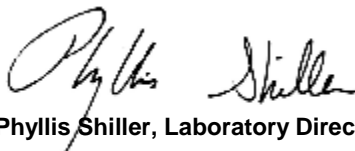
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**Phyllis Shiller, Laboratory Director**

**March 22, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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# Analysis Report

March 22, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE-HARTFD  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

03/03/16  
 03/09/16

Time

11:45

## Laboratory Data

SDG ID: GBK75683  
 Phoenix ID: BK75689

Project ID: 150 WINDSOR ST.  
 Client ID: 3-3-PCB 03 2.5 FT/0-3 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	63		%		03/14/16	W	SW846-%Solid
Extraction for PCB	Completed				03/16/16	Q/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	550	ug/Kg	5	03/17/16	AW	SW8082A
PCB-1221	ND	550	ug/Kg	5	03/17/16	AW	SW8082A
PCB-1232	ND	550	ug/Kg	5	03/17/16	AW	SW8082A
PCB-1242	ND	550	ug/Kg	5	03/17/16	AW	SW8082A
PCB-1248	ND	550	ug/Kg	5	03/17/16	AW	SW8082A
PCB-1254	2500	550	ug/Kg	5	03/17/16	AW	SW8082A
PCB-1260	ND	550	ug/Kg	5	03/17/16	AW	SW8082A
PCB-1262	ND	550	ug/Kg	5	03/17/16	AW	SW8082A
PCB-1268	ND	550	ug/Kg	5	03/17/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	60		%	5	03/17/16	AW	30 - 150 %
% TCMX	59		%	5	03/17/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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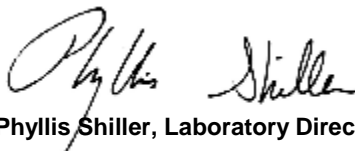
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**Phyllis Shiller, Laboratory Director**

**March 22, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

March 22, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE-HARTFD  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

03/03/16  
 03/09/16

Time

11:45

## Laboratory Data

SDG ID: GBK75683  
 Phoenix ID: BK75691

Project ID: 150 WINDSOR ST.  
 Client ID: 3-3-PCB 03 2.5 FT/12 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	98		%		03/18/16	c	SW846-%Solid
Extraction for PCB	Completed				03/18/16	Q/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	340	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1221	ND	340	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1232	ND	340	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1242	ND	340	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1248	ND	340	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1254	380	340	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1260	ND	340	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1262	ND	340	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1268	ND	340	ug/Kg	10	03/21/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	93		%	10	03/21/16	AW	30 - 150 %
% TCMX	78		%	10	03/21/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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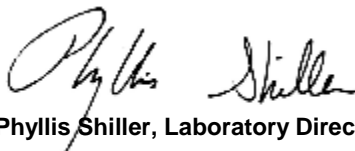
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**Phyllis Shiller, Laboratory Director**

**March 22, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

March 22, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

## Sample Information

Matrix: SOIL  
 Location Code: TIGHE-HARTFD  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

03/03/16  
 03/09/16

## Time

11:45

## Laboratory Data

SDG ID: GBK75683  
 Phoenix ID: BK75692

Project ID: 150 WINDSOR ST.  
 Client ID: 3-3-PCB 04 5 FT/0-3 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	56		%		03/18/16	c	SW846-%Solid
Extraction for PCB	Completed				03/18/16	Q/I	SW3540C

## PCB (Soxhlet SW3540C)

PCB-1016	ND	580	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1221	ND	580	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1232	ND	580	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1242	ND	580	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1248	ND	580	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1254	ND	580	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1260	ND	580	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1262	ND	580	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1268	ND	580	ug/Kg	10	03/21/16	AW	SW8082A

## QA/QC Surrogates

% DCBP	79		%	10	03/21/16	AW	30 - 150 %
% TCMX	79		%	10	03/21/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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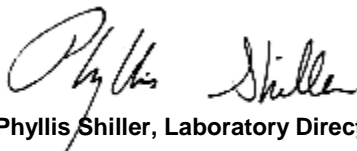
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**March 22, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**





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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

March 22, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE-HARTFD  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

03/03/16  
 03/09/16

Time

11:45

## Laboratory Data

SDG ID: GBK75683  
 Phoenix ID: BK75695

Project ID: 150 WINDSOR ST.  
 Client ID: 3-3-PCB 05 2.5 FT/0-3 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	80		%		03/14/16	W	SW846-%Solid
Extraction for PCB	Completed				03/14/16	Q/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	820	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1221	ND	820	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1232	ND	820	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1242	ND	820	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1248	ND	820	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1254	1300	820	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1260	ND	820	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1262	ND	820	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1268	ND	820	ug/Kg	10	03/15/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	107		%	10	03/15/16	AW	30 - 150 %
% TCMX	88		%	10	03/15/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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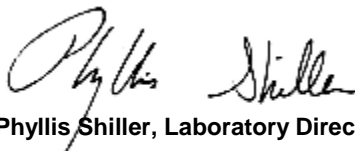
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**Phyllis Shiller, Laboratory Director**

**March 22, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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# Analysis Report

March 22, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE-HARTFD  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

03/03/16  
 03/09/16

Time

11:45

## Laboratory Data

SDG ID: GBK75683  
 Phoenix ID: BK75697

Project ID: 150 WINDSOR ST.  
 Client ID: 3-3-PCB 05 2.5 FT/12 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	92		%		03/18/16	c	SW846-%Solid
Extraction for PCB	Completed				03/18/16	Q/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	350	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1221	ND	350	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1232	ND	350	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1242	ND	350	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1248	ND	350	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1254	2300	350	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1260	ND	350	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1262	ND	350	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1268	ND	350	ug/Kg	10	03/21/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	94		%	10	03/21/16	AW	30 - 150 %
% TCMX	84		%	10	03/21/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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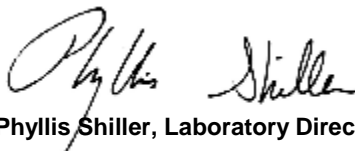
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**Phyllis Shiller, Laboratory Director**

**March 22, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

March 22, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE-HARTFD  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

03/03/16  
 03/09/16

Time

11:45

## Laboratory Data

SDG ID: GBK75683  
 Phoenix ID: BK75698

Project ID: 150 WINDSOR ST.  
 Client ID: 3-3-PCB 06 5 FT/0-3 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	65		%		03/18/16	c	SW846-%Solid
Extraction for PCB	Completed				03/18/16	Q/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	510	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1221	ND	510	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1232	ND	510	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1242	ND	510	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1248	ND	510	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1254	760	510	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1260	ND	510	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1262	ND	510	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1268	ND	510	ug/Kg	10	03/21/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	92		%	10	03/21/16	AW	30 - 150 %
% TCMX	83		%	10	03/21/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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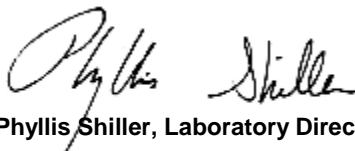
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**March 22, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

March 22, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE-HARTFD  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

03/03/16  
 03/09/16

Time

11:45

## Laboratory Data

SDG ID: GBK75683  
 Phoenix ID: BK75701

Project ID: 150 WINDSOR ST.  
 Client ID: 3-3-PCB 07 1 FT/12 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	95		%		03/14/16	W	SW846-%Solid
Extraction for PCB	Completed				03/14/16	Q/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	350	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1221	ND	350	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1232	ND	350	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1242	ND	350	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1248	ND	350	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1254	4100	350	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1260	ND	350	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1262	ND	350	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1268	ND	350	ug/Kg	10	03/15/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	102		%	10	03/15/16	AW	30 - 150 %
% TCMX	81		%	10	03/15/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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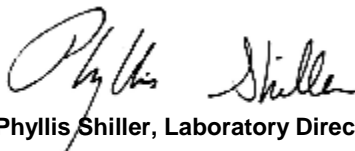
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**March 22, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**





Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

March 22, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE-HARTFD  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

03/03/16  
 03/09/16

Time

11:45

## Laboratory Data

SDG ID: GBK75683  
 Phoenix ID: BK75702

Project ID: 150 WINDSOR ST.  
 Client ID: 3-3-PCB 08 2.5 FT/0-3 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	65		%		03/14/16	W	SW846-%Solid
Extraction for PCB	Completed				03/14/16	Q/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	500	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1221	ND	500	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1232	ND	500	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1242	ND	500	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1248	ND	500	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1254	1000	500	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1260	ND	500	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1262	ND	500	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1268	ND	500	ug/Kg	10	03/15/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	93		%	10	03/15/16	AW	30 - 150 %
% TCMX	78		%	10	03/15/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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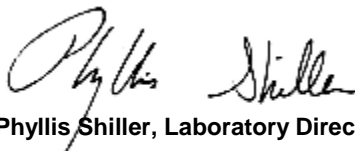
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**March 22, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

March 22, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE-HARTFD  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

03/03/16  
 03/09/16

Time

11:45

## Laboratory Data

SDG ID: GBK75683  
 Phoenix ID: BK75708

Project ID: 150 WINDSOR ST.  
 Client ID: 3-3-PCB 10 1 FT/12 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	95		%		03/14/16	W	SW846-%Solid
Extraction for PCB	Completed				03/14/16	Q/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	350	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1221	ND	350	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1232	ND	350	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1242	ND	350	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1248	ND	350	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1254	1500	350	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1260	ND	350	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1262	ND	350	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1268	ND	350	ug/Kg	10	03/15/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	104		%	10	03/15/16	AW	30 - 150 %
% TCMX	77		%	10	03/15/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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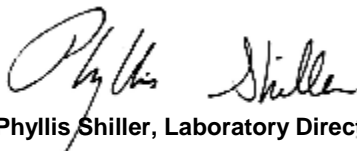
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**March 22, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

March 22, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE-HARTFD  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

03/03/16  
 03/09/16

Time

11:45

## Laboratory Data

SDG ID: GBK75683  
 Phoenix ID: BK75709

Project ID: 150 WINDSOR ST.  
 Client ID: 3-3-PCB 11 2.5 FT/0-3 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	68		%		03/14/16	W	SW846-%Solid
Extraction for PCB	Completed				03/14/16	Q/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	490	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1221	ND	490	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1232	ND	490	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1242	ND	490	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1248	ND	490	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1254	1500	490	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1260	ND	490	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1262	ND	490	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1268	ND	490	ug/Kg	10	03/15/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	94		%	10	03/15/16	AW	30 - 150 %
% TCMX	74		%	10	03/15/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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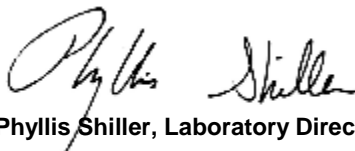
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**March 22, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

March 22, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE-HARTFD  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

03/03/16  
 03/09/16

Time

11:45

## Laboratory Data

SDG ID: GBK75683  
 Phoenix ID: BK75711

Project ID: 150 WINDSOR ST.  
 Client ID: 3-3-PCB 11 2.5 FT/12 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	93		%		03/18/16	c	SW846-%Solid
Extraction for PCB	Completed				03/18/16	Q/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	350	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1221	ND	350	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1232	ND	350	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1242	ND	350	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1248	ND	350	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1254	ND	350	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1260	ND	350	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1262	ND	350	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1268	ND	350	ug/Kg	10	03/21/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	94		%	10	03/21/16	AW	30 - 150 %
% TCMX	78		%	10	03/21/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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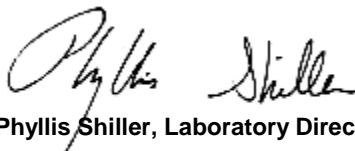
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**March 22, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**





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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

March 22, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

## Sample Information

Matrix: SOIL  
 Location Code: TIGHE-HARTFD  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

03/03/16  
 03/09/16

## Time

11:45

## Laboratory Data

SDG ID: GBK75683  
 Phoenix ID: BK75712

Project ID: 150 WINDSOR ST.  
 Client ID: 3-3-PCB 12 5 FT/0-3 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	73		%		03/18/16	c	SW846-%Solid
Extraction for PCB	Completed				03/18/16	Q/I	SW3540C

## PCB (Soxhlet SW3540C)

PCB-1016	ND	450	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1221	ND	450	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1232	ND	450	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1242	ND	450	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1248	ND	450	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1254	ND	450	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1260	ND	450	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1262	ND	450	ug/Kg	10	03/21/16	AW	SW8082A
PCB-1268	ND	450	ug/Kg	10	03/21/16	AW	SW8082A

## QA/QC Surrogates

% DCBP	84		%	10	03/21/16	AW	30 - 150 %
% TCMX	77		%	10	03/21/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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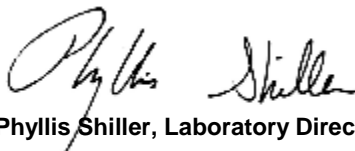
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**March 22, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

March 22, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE-HARTFD  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

03/03/16  
 03/09/16

Time

11:45

## Laboratory Data

SDG ID: GBK75683  
 Phoenix ID: BK75715

Project ID: 150 WINDSOR ST.  
 Client ID: 3-3-PCB 13 1 FT/12 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	87		%		03/14/16	W	SW846-%Solid
Extraction for PCB	Completed				03/14/16	Q/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	380	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1221	ND	380	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1232	ND	380	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1242	ND	380	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1248	ND	380	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1254	1300	380	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1260	ND	380	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1262	ND	380	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1268	ND	380	ug/Kg	10	03/15/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	100		%	10	03/15/16	AW	30 - 150 %
% TCMX	75		%	10	03/15/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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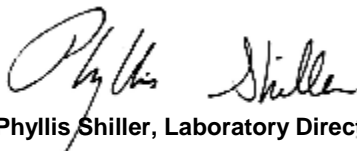
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**March 22, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

March 22, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE-HARTFD  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

03/03/16  
 03/09/16

Time

11:45

## Laboratory Data

SDG ID: GBK75683  
 Phoenix ID: BK75716

Project ID: 150 WINDSOR ST.  
 Client ID: 3-3-PCB 14 2.5 FT/0-3 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	82		%		03/14/16	W	SW846-%Solid
Extraction for PCB	Completed				03/14/16	Q/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	400	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1221	ND	400	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1232	ND	400	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1242	ND	400	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1248	ND	400	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1254	930	400	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1260	ND	400	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1262	ND	400	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1268	ND	400	ug/Kg	10	03/15/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	95		%	10	03/15/16	AW	30 - 150 %
% TCMX	80		%	10	03/15/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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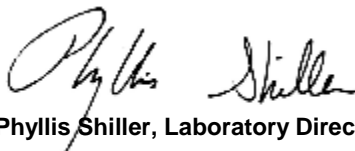
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**March 22, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

March 22, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE-HARTFD  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

03/03/16  
 03/09/16

Time

11:45

## Laboratory Data

SDG ID: GBK75683  
 Phoenix ID: BK75722

Project ID: 150 WINDSOR ST.  
 Client ID: 3-3-PCB 16 1 FT/12 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	85		%		03/14/16	W	SW846-%Solid
Extraction for PCB	Completed				03/14/16	Q/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	380	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1221	ND	380	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1232	ND	380	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1242	ND	380	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1248	ND	380	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1254	1300	380	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1260	ND	380	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1262	ND	380	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1268	ND	380	ug/Kg	10	03/15/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	106		%	10	03/15/16	AW	30 - 150 %
% TCMX	84		%	10	03/15/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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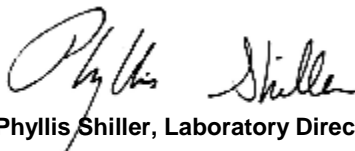
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**March 22, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**





Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

March 22, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE-HARTFD  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

03/03/16  
 03/09/16

Time

11:45

## Laboratory Data

SDG ID: GBK75683  
 Phoenix ID: BK75723

Project ID: 150 WINDSOR ST.  
 Client ID: 3-3-PCB 17 2.5 FT/0-3 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	80		%		03/14/16	W	SW846-%Solid
Extraction for PCB	Completed				03/14/16	Q/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	400	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1221	ND	400	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1232	ND	400	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1242	ND	400	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1248	ND	400	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1254	ND	400	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1260	ND	400	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1262	ND	400	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1268	ND	400	ug/Kg	10	03/15/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	112		%	10	03/15/16	AW	30 - 150 %
% TCMX	89		%	10	03/15/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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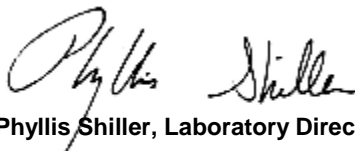
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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**Phyllis Shiller, Laboratory Director**

**March 22, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

March 22, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

## Sample Information

Matrix: SOIL  
 Location Code: TIGHE-HARTFD  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

## Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

## Date

03/03/16  
 03/09/16

## Time

11:45

## Laboratory Data

SDG ID: GBK75683  
 Phoenix ID: BK75729

Project ID: 150 WINDSOR ST.  
 Client ID: 3-3-PCB 19 1 FT/12 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	90		%		03/14/16	W	SW846-%Solid
Extraction for PCB	Completed				03/14/16	Q/I	SW3540C

### PCB (Soxhlet SW3540C)

PCB-1016	ND	1800	ug/Kg	50	03/15/16	AW	SW8082A
PCB-1221	ND	1800	ug/Kg	50	03/15/16	AW	SW8082A
PCB-1232	ND	1800	ug/Kg	50	03/15/16	AW	SW8082A
PCB-1242	ND	1800	ug/Kg	50	03/15/16	AW	SW8082A
PCB-1248	ND	1800	ug/Kg	50	03/15/16	AW	SW8082A
PCB-1254	7100	1800	ug/Kg	50	03/15/16	AW	SW8082A
PCB-1260	ND	1800	ug/Kg	50	03/15/16	AW	SW8082A
PCB-1262	ND	1800	ug/Kg	50	03/15/16	AW	SW8082A
PCB-1268	ND	1800	ug/Kg	50	03/15/16	AW	SW8082A

### QA/QC Surrogates

% DCBP	Diluted Out		%	50	03/15/16	AW	30 - 150 %
% TCMX	Diluted Out		%	50	03/15/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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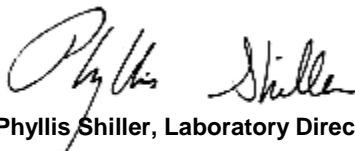
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**March 22, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

March 22, 2016

FOR: Attn: Mr. Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOIL  
 Location Code: TIGHE-HARTFD  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by:  
 Received by: LB  
 Analyzed by: see "By" below

Date

03/03/16  
 03/09/16

Time

11:45

## Laboratory Data

SDG ID: GBK75683  
 Phoenix ID: BK75730

Project ID: 150 WINDSOR ST.  
 Client ID: 3-3-PCB 20 2.5 FT/0-3 INCHES

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	75		%		03/14/16	W	SW846-%Solid
Extraction for PCB	Completed				03/14/16	Q/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	440	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1221	ND	440	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1232	ND	440	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1242	ND	440	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1248	ND	440	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1254	ND	440	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1260	ND	440	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1262	ND	440	ug/Kg	10	03/15/16	AW	SW8082A
PCB-1268	ND	440	ug/Kg	10	03/15/16	AW	SW8082A

**QA/QC Surrogates**

% DCBP	91		%	10	03/15/16	AW	30 - 150 %
% TCMX	77		%	10	03/15/16	AW	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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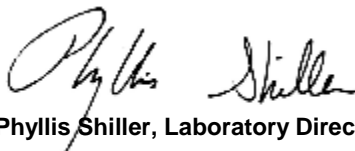
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**Phyllis Shiller, Laboratory Director**

**March 22, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# QA/QC Report

March 22, 2016

## QA/QC Data

SDG I.D.: GBK75683

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 337821 (ug/Kg), QC Sample No: BK77793 10X (BK75683, BK75689, BK75695, BK75701, BK75702, BK75708, BK75709, BK75715, BK75716, BK75722, BK75723, BK75729, BK75730)

### Polychlorinated Biphenyls - Soil

PCB-1016	ND	170	88	75	16.0				40 - 140	30
PCB-1221	ND	170							40 - 140	30
PCB-1232	ND	170							40 - 140	30
PCB-1242	ND	170							40 - 140	30
PCB-1248	ND	170							40 - 140	30
PCB-1254	ND	170							40 - 140	30
PCB-1260	ND	170	92	79	15.2				40 - 140	30
PCB-1262	ND	170							40 - 140	30
PCB-1268	ND	170							40 - 140	30
% DCBP (Surrogate Rec)	97	%	105	95	10.0				30 - 150	30
% TCMX (Surrogate Rec)	79	%	85	74	13.8				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 338368 (ug/Kg), QC Sample No: BK81115 10X (BK75685, BK75686, BK75691, BK75692, BK75697, BK75698, BK75711, BK75712)

### Polychlorinated Biphenyls - Soil

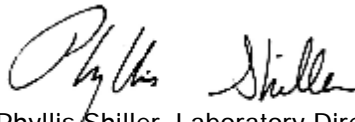
PCB-1016	ND	170	102	92	10.3				40 - 140	30
PCB-1221	ND	170							40 - 140	30
PCB-1232	ND	170							40 - 140	30
PCB-1242	ND	170							40 - 140	30
PCB-1248	ND	170							40 - 140	30
PCB-1254	ND	170							40 - 140	30
PCB-1260	ND	170	108	102	5.7				40 - 140	30
PCB-1262	ND	170							40 - 140	30
PCB-1268	ND	170							40 - 140	30
% DCBP (Surrogate Rec)	113	%	117	117	0.0				30 - 150	30
% TCMX (Surrogate Rec)	80	%	87	79	9.6				30 - 150	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

  
 Phyllis Shiller, Laboratory Director  
 March 22, 2016

Criteria: None

State: CT

# Sample Criteria Exceedences Report

## GBK75683 - TIGHE-HARTFD

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.





# CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726



Customer: Tight & Bond  
 Address: 213 Court Street  
Ste 1100  
Middle town, CT 06457

Project: 150 Windsor Street  
 Report to: Philip Huter  
 Invoice to: Westfield  
 Phone #: 860-952-5205  
 Fax #:

Cooler: Yes  No   
 IPK  ICE   
 Coolant: 4° C 2 of 5  
 Temp: 4° C 2 of 5  
 Data Delivery:  Fax #:   
 Email: phuthere@tightandbond.com

Project P.O.:  
 This section MUST be completed with Bottle Quantities.

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request	CI	MA	Data Format	
Δ 3-3-08-05(2.5'10-3")	S	3/3/16			75695	<input type="checkbox"/> RCP Cert <input type="checkbox"/> GW Protection <input type="checkbox"/> SW Protection <input type="checkbox"/> GA Mobility <input type="checkbox"/> GB Mobility <input checked="" type="checkbox"/> Residential DEC <input type="checkbox"/> I/C DEC <input type="checkbox"/> Other	<input type="checkbox"/> MCP Certification <input type="checkbox"/> GW-1 <input type="checkbox"/> GW-2 <input type="checkbox"/> GW-3 <input type="checkbox"/> S-1 <input type="checkbox"/> S-2 <input type="checkbox"/> S-3 <input type="checkbox"/> MWRA eSMART <input type="checkbox"/> Other	<input type="checkbox"/> Excel <input type="checkbox"/> PDF <input type="checkbox"/> GIS/Key <input type="checkbox"/> EQulS <input type="checkbox"/> Other	
3-3-08-05(2.5'13-6")	"	"			75696				
3-3-08-05(2.5'12")	"	"			75697				
3-3-08-04(5'10-3")	"	"			75698				
3-3-08-04(5'13-6")	"	"			75699				
3-3-08-04(5'12")	"	"			75700				
3-3-08-07(1'12")	"	"			75701				
3-3-08-08(2.5'10-3")	"	"			75702				
3-3-08-08(2.5'13-6")	"	"			75703				
3-3-08-08(2.5'12")	"	"			75704				
3-3-08-08(5'10-3")	"	"			75705				
3-3-08-09(5'13-6")	"	"			75706				
Relinquished by: <u>[Signature]</u> Accepted by: <u>[Signature]</u>					Date: <u>3/7/16</u> Time: <u>1030</u>	RI: <input type="checkbox"/> Direct Exposure (Residential) <input type="checkbox"/> GW <input type="checkbox"/> Other			
Turnaround: <u>3/16</u>					Date: <u>3/16</u> Time: <u>1145</u>	MA: <input type="checkbox"/> RCP Cert <input type="checkbox"/> GW Protection <input type="checkbox"/> SW Protection <input type="checkbox"/> GA Mobility <input type="checkbox"/> GB Mobility <input checked="" type="checkbox"/> Residential DEC <input type="checkbox"/> I/C DEC <input type="checkbox"/> Other			
Turnaround: <u>3/16</u>					Date: <u>3/16</u> Time: <u>1145</u>	Data Format: <input type="checkbox"/> Excel <input type="checkbox"/> PDF <input type="checkbox"/> GIS/Key <input type="checkbox"/> EQulS <input type="checkbox"/> Other			
Comments, Special Requirements or Regulations: <u>See page 1</u>					State where samples were collected: <u>CT</u>			Data Package: <input type="checkbox"/> Tier II Checklist <input type="checkbox"/> Full Data Package* <input checked="" type="checkbox"/> Phoenix Std Report <input type="checkbox"/> Other	

\* SURCHARGE APPLIES

\* SURCHARGE APPLIES



**CHAIN OF CUSTODY RECORD**

507 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax: (860) 645-0823  
 Client Services (860) 645-8726

Cooler: Yes  No   
 IPX  ICE  No   
 Temp  Pg 3 of 5

Data Delivery:  Fax #:  
 Email: phoenix@phoenixlabs.com

Customer: Highland Road  
 Address: 213 Court St  
Sto. Hill  
Wadsworth, CT 06457

Project: 150 Windsor Street  
 Report to: Philip Huber  
 Invoice to: Westfield  
 Phone #: 860-852-5205  
 Fax #:

Project P.O.: 12-1077-6

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
Δ 3-3-PCB-10(5/12")	5	3/3/16		
Δ 3-3-PCB-10(1/12")	11	11		
Δ 3-3-PCB-11(25/0-3")	11	11		
3-3-PCB-14(25/3-4")	11	11		
3-3-PCB-11(25/12")	11	11		
3-3-PCB-12(5/10-3")	11	11		
3-3-PCB-14(5/12-4")	11	11		
3-3-PCB-14(5/12")	11	11		
Δ 3-3-PCB-10(1/12")	11	11		
Δ 3-3-PCB-14(25/0-3")	11	11		
3-3-PCB-14(25/3-6")	11	11		
3-3-PCB-14(25/12")	11	11		

Analysis Request

PCB 2017 ANALYSIS

Analysis Request	75707	75708	75709	75710	75711	75712	75713	75714	75715	75716	75717	75718
SOI VOA Vials (Material)	X	X	X	X	X	X	X	X	X	X	X	X
40 mL VOA Vial (As Is)	X	X	X	X	X	X	X	X	X	X	X	X
GI Solvent (As Is)	X	X	X	X	X	X	X	X	X	X	X	X
GI Solvent (As Is) (H2SO4)	X	X	X	X	X	X	X	X	X	X	X	X
PL H2SO4 (250mL) (As Is)	X	X	X	X	X	X	X	X	X	X	X	X
PL H2SO4 (250mL) (As Is) (H2SO4)	X	X	X	X	X	X	X	X	X	X	X	X
PL H2O (250mL)	X	X	X	X	X	X	X	X	X	X	X	X
PL H2O (250mL)	X	X	X	X	X	X	X	X	X	X	X	X
Bacteria (As Is)												
Bacteria (White)												

Requisitioned by: [Signature]  
 Accepted by: [Signature]  
 Date: 3/9/16 1030  
 3/9/16 1145  
 Turnaround:  1 Day\*  
 2 Days\*  
 3 Days\*  
 Standard  
 Other\*  
 Comments, Special Requirements or Regulations:  
See Page 1

MA  MCP Certification  
 GW-1  
 GW-2  
 GW-3  
 S-1  
 S-2  
 S-3  
 MWRASmart  
 Other

CT  RCP Curt  
 GW Protection  
 SW Protection  
 GA Mobility  
 GB Mobility  
 Residential DEC  
 JC DEC  
 Other

RI  Direct Exposure (Residential)  
 CW  
 Other

Data Format  Excel  
 PDF  
 GIS/Key  
 EQUIS  
 Other

Data Package  Tier II Checklist  
 Full Data Package\*  
 Phoenix Std Report  
 Other

\* SURCHARGE APPLIES

State where samples were collected: CT

\* SURCHARGE APPLIES

# CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
**Client Services (860) 645-8726**



Customer: Tight and hard  
 Address: 213 Court St  
Ste 1100  
Middletown, CT

Project: 150 Windsor Street  
 Report to: Philip Hutter  
 Invoice to: Westfield  
 Phone #: 860-852-5205  
 Fax #:

Project P.O.: 13-1077-6

Coolant:  IPK  ICE  No  
 Temp: 4.0 Pg 4 of 5

Data Delivery:  
 Fax #:  
 Email: phutter@tightandhard.com

This section MUST be completed with Bottle Quantities.

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
<del>3-3-PCB-15(S'10-3")</del>	<del>3-3-PCB-15(S'10-3")</del>	S	3/3/16		X
<del>3-3-PCB-15(S'13-6")</del>	<del>3-3-PCB-15(S'13-6")</del>	"	"		X
<del>3-3-PCB-15(S'12")</del>	<del>3-3-PCB-15(S'12")</del>	"	"		X
<del>3-3-PCB-16(1'12")</del>	<del>3-3-PCB-16(1'12")</del>	"	"		X
<del>3-3-PCB-17(2.5'0-3")</del>	<del>3-3-PCB-17(2.5'0-3")</del>	"	"		X
<del>3-3-PCB-17(2.5'3-6")</del>	<del>3-3-PCB-17(2.5'3-6")</del>	"	"		X
<del>3-3-PCB-17(2.5'12")</del>	<del>3-3-PCB-17(2.5'12")</del>	"	"		X
<del>3-3-PCB-18(S'10-3")</del>	<del>3-3-PCB-18(S'10-3")</del>	"	"		X
<del>3-3-PCB-18(S'13-6")</del>	<del>3-3-PCB-18(S'13-6")</del>	"	"		X
<del>3-3-PCB-19(S'12")</del>	<del>3-3-PCB-19(S'12")</del>	"	"		X
<del>3-3-PCB-19(1'12")</del>	<del>3-3-PCB-19(1'12")</del>	"	"		X
<del>3-3-PCB-20(2.5'0-3")</del>	<del>3-3-PCB-20(2.5'0-3")</del>	"	"		X

Soil VOA Vials (Methanol) 1 H2O  
 40 ml VOA Vial (As is) HCl  
 GL Amber 100ml (As is) HCl  
 PL As is 1250ml (As is) H2SO4  
 PL H2SO4 1250ml (As is) H2SO4  
 PL HNO3 250ml (As is) H2SO4  
 PL HNO3 250ml (As is) H2SO4  
 Bacteria (as is)  
 Bacteria (White)

Relinquished by: [Signature] Accepted by: [Signature]

Date: 3/9/16 Time: 1030  
3/9/16 1145

Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 Standard  
 Other

Comments, Special Requirements or Regulations:  
\* See page 1

State where samples were collected: CT

MA  
 MCP Certification  
 GW-1  
 GW-2  
 GW-3  
 S-1  
 S-2  
 S-3  
 MWRA eSMART  
 Other

RI  
 Direct Exposure (Residential)  
 GW  
 Other

CT  
 RCP Cert  
 GW Protection  
 SW Protection  
 GA Mobility  
 GB Mobility  
 Residential DEC  
 I/C DEC  
 Other

Data Format  
 Excel  
 PDF  
 GIS/Key  
 EQUIS  
 Other

Data Package  
 Tier II Checklist  
 Full Data Package\*  
 Phoenix Std Report  
 Other

\* SURCHARGE APPLIES

**CHAIN OF CUSTODY RECORD**



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726

Customer: Tighe & Bond  
 Address: 213 Court St.  
Ste 1100  
Middletown, CT 06457

Project: 150 Windsor Street  
 Report to: Philip Hutter  
 Invoice to: Westfield  
 Phone #: 860-852-5205  
 Fax #:

Project P.O.: 12-1077-6

Coolant:  IPK  ICE No   
 Temp 4.8 Pg 6 of 5

Data Delivery:  
 Fax #:  
 Email: phutter@tighebond.com

This section MUST be completed with Bottle Quantities.

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
75731	3-3-16-20(2.5/3.5)	S	3/3/16		X
75732	3-3-16-20(2.5/12")	LI	"		X
75733	3-3-16-21(5/10.3)	LI	"		X
75734	3-3-16-21(5/3.5")	LI	"		X
75735	3-3-16-21(5/12")	LI	"		X

Relinquished by: [Signature] Accepted by: [Signature]

Date: 3/9/16 Time: 1030  
3/9/16 1150

Turnaround:  
 1 Day\*  
 2 Days\*  
 3 Days\*  
 Standard  
 Other

State where samples were collected: CT

\*SURCHARGE APPLIES

Comments, Special Requirements or Regulations:  
See Page 1

\*SURCHARGE APPLIES

GBK 75283

**Linda - Phoenixlabs**

---

**From:** Philip C. Hutter [PCHutter@tighebond.com]  
**Sent:** Wednesday, March 09, 2016 12:07 PM  
**To:** Linda - Phoenixlabs  
**Cc:** 'Greg - Phoenixlabs'  
**Subject:** RE: 150 Windsor Street samples

Yes, I meant to send an email this morning. Those samples were supposed to be dropped off last week to be put on hold with the others from 150 Windsor Street. When the results come in later in the week we will let you know which samples to analyze. Sorry for the confusion. Thank you.

**Philip C. Hutter** | Project Environmental Compliance Specialist  
Tighe & Bond | 213 Court Street Suite 1100 | Middletown, CT, 06457 | 860.704.4760 (Main) | 804.283.4735  
[www.tighebond.com](http://www.tighebond.com) | Follow us on: [Twitter](#) [Facebook](#) [LinkedIn](#)

**Tighe&Bond**

**From:** Linda - Phoenixlabs [mailto:linda@phoenixlabs.com]  
**Sent:** Wednesday, March 09, 2016 12:05 PM  
**To:** Philip C. Hutter <PCHutter@tighebond.com>  
**Subject:** 150 Windsor Street samples  
**Importance:** High

*Hi Philip*

*I wanted to confirm with you on these samples that the courier just bought in. We are holding ALL COC's?? Please let me know.*

*Thanks*

*Linda*

-Linda Chapman  
Client Services Representative  
Phoenix Environmental Laboratories  
587 East Middle Turnpike  
Manchester, CT 06040  
Ph: 1-860-645-1102

This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential, and exempt from disclosure under applicable law.

## Greg - Phoenixlabs

---

**From:** Philip C. Hutter [[PCHutter@tighebond.com](mailto:PCHutter@tighebond.com)]  
**Sent:** Monday, March 14, 2016 8:51 AM  
**To:** 'Greg - Phoenixlabs'  
**Subject:** 150 Windsor Soil Samples  
**Attachments:** 0005eb7e.pdf

Greg, per our conversation we will need to analyze the samples on the attached COC that have the Triangle symbols beside them (the other markings are just symbols that were scribbled out so just follow the triangles for this analysis). There will be 13 samples which are also listed below:

- 3-3-PCB-01 (2.5'/0-3")
- 3-3-PCB-03 (2.5'/0-3")
- 3-3-PCB-05 (2.5'/0-3")
- 3-3-PCB-07 (1'/12")
- 3-3-PCB-08 (2.5'/0-3")
- 3-3-PCB-10 (1'/12")
- 3-3-PCB-11 (2.5"/0-3")
- 3-3-PCB-13 (1'/12")
- 3-3-PCB-14 (2.5'/0-3")
- 3-3-PCB-16 (1'/12")
- 3-3-PCB-17 (2.5'/0-3")
- 3-3-PCB-19 (1'/12")
- 3-3-PCB-20 (2.5'/0-3")

We would like to have 48 hour TAT on these because we are behind the game considering we were under the assumption that these were submitted on March 4<sup>th</sup> with the water that was sent in the same day. Please let us know what you can do to assist us in pricing on these 13 samples. Thank you.

**Philip C. Hutter** | Project Environmental Compliance Specialist  
**Tighe & Bond** | 213 Court Street Suite 1100 | Middletown, CT, 06457 | 860.704.4760 (Main) | 804.283.4735  
(Mobile) [www.tighebond.com](http://www.tighebond.com) | Follow us on: [Twitter](#) [Facebook](#) [LinkedIn](#)



GBK 75683

**Shannon - Phoenixlabs**

---

**From:** Philip C. Hutter [PCHutter@tigebond.com]  
**Sent:** Friday, March 18, 2016 11:51 AM  
**To:** Greg - Phoenixlabs  
**Cc:** 'Shannon - Phoenixlabs'  
**Subject:** RE: Phoenix Labs - GBK75683, 150 WINDSOR ST. - Report Ready

Yes.

Sent from my Verizon Wireless 4G LTE smartphone

----- Original message -----

**From:** Greg - Phoenixlabs <greg@phoenixlabs.com>  
**Date:** 3/18/2016 11:47 AM (GMT-05:00)  
**To:** "Philip C. Hutter" <PCHutter@tigebond.com>  
**Cc:** 'Shannon - Phoenixlabs' <shannon@phoenixlabs.com>  
**Subject:** RE: Phoenix Labs - GBK75683, 150 WINDSOR ST. - Report Ready

Just to clarify, you want PCBs by Soxhlet extraction, correct?

Gregory Lawrence  
Phoenix Environmental Laboratories  
587 East Middle Turnpike  
Manchester, CT 06040  
Ph: 1-860-645-1102

---

**From:** Philip C. Hutter [mailto:PCHutter@tigebond.com]  
**Sent:** Friday, March 18, 2016 11:42 AM  
**To:** Greg - Phoenixlabs  
**Subject:** Fwd: Phoenix Labs - GBK75683, 150 WINDSOR ST. - Report Ready

Here are the next samples we would like to have analyzed from this group :

- 3-3-PCB-01 (2.5' /12") 75685
- 3-3-PCB-02 (5' /0-3") 75686
- 3-3-PCB-03 (2.5' /12") 75691
- 3-3-PCB-04 (5' /0-3") 75692
- 3-3-PCB-05 (2.5' /12") 75697
- 3-3-PCB-06 (5' /0-3") 75698
- 3-3-PCB-11 (2.5' /12") 75711
- 3-3-PCB-12 (5' /0-3") 75712



GBK 75683

48 Hr. TAT please.

Thank you.

Philip Hutter

Sent from my Verizon Wireless 4G LTE smartphone

**From:** [clientservices@phoenixlabs.com](mailto:clientservices@phoenixlabs.com) [<mailto:clientservices@phoenixlabs.com>]  
**Sent:** Thursday, March 17, 2016 4:48 PM  
**To:** Harley A. Langford <[HALangford@tigheBond.com](mailto:HALangford@tigheBond.com)>  
**Subject:** Phoenix Labs - GBK75683, 150 WINDSOR ST. - Report Ready

Delivery group GBK75683 (150 WINDSOR ST. ) for the following samples:

BK75683 - 3-3-PCB 01 2.5 FT/0-3 INCHES  
BK75689 - 3-3-PCB 03 2.5 FT/0-3 INCHES  
BK75695 - 3-3-PCB 05 2.5 FT/0-3 INCHES  
BK75701 - 3-3-PCB 07 1 FT/12 INCHES  
BK75702 - 3-3-PCB 08 2.5 FT/0-3 INCHES  
BK75708 - 3-3-PCB 10 1 FT/12 INCHES  
BK75709 - 3-3-PCB 11 2.5 FT/0-3 INCHES  
BK75715 - 3-3-PCB 13 1 FT/12 INCHES  
BK75716 - 3-3-PCB 14 2.5 FT/0-3 INCHES  
BK75722 - 3-3-PCB 16 1 FT/12 INCHES  
BK75723 - 3-3-PCB 17 2.5 FT/0-3 INCHES  
BK75729 - 3-3-PCB 19 1 FT/12 INCHES  
BK75730 - 3-3-PCB 20 2.5 FT/0-3 INCHES

is available for review. Please click the following link to view report data.

[www.PhoenixLabs.com](http://www.PhoenixLabs.com)

Note: The default password is your email address. You may change it after logging in.



Wednesday, April 27, 2016

Attn: Mr Phillip Hutter  
Tighe & Bond  
213 Court St, Suite 1100  
Middletown, CT 06457

Project ID: 150 WINDSOR ST  
Sample ID#s: BN18979 - BN19001

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

April 27, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by: PH  
 Received by: SW  
 Analyzed by: see "By" below

Date

04/25/16  
 04/25/16

Time

15:40

## Laboratory Data

SDG ID: GBN18979  
 Phoenix ID: BN18979

Project ID: 150 WINDSOR ST  
 Client ID: 4-25-PCB-01A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				04/25/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	540	ug/Kg	2	04/26/16	F	SW8082A
PCB-1221	ND	540	ug/Kg	2	04/26/16	F	SW8082A
PCB-1232	ND	540	ug/Kg	2	04/26/16	F	SW8082A
PCB-1242	ND	540	ug/Kg	2	04/26/16	F	SW8082A
PCB-1248	ND	540	ug/Kg	2	04/26/16	F	SW8082A
PCB-1254	ND	540	ug/Kg	2	04/26/16	F	SW8082A
PCB-1260	ND	540	ug/Kg	2	04/26/16	F	SW8082A
PCB-1262	ND	540	ug/Kg	2	04/26/16	F	SW8082A
PCB-1268	ND	540	ug/Kg	2	04/26/16	F	SW8082A

**QA/QC Surrogates**

% DCBP	68		%	2	04/26/16	F	30 - 150 %
% TCMX	55		%	2	04/26/16	F	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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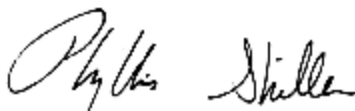
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**April 27, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

April 27, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by: PH  
 Received by: SW  
 Analyzed by: see "By" below

Date

04/25/16  
 04/25/16

Time

15:40

## Laboratory Data

SDG ID: GBN18979  
 Phoenix ID: BN18980

Project ID: 150 WINDSOR ST  
 Client ID: 4-25-PCB-01B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				04/25/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	990	ug/Kg	2	04/26/16	F	SW8082A
PCB-1221	ND	990	ug/Kg	2	04/26/16	F	SW8082A
PCB-1232	ND	990	ug/Kg	2	04/26/16	F	SW8082A
PCB-1242	ND	990	ug/Kg	2	04/26/16	F	SW8082A
PCB-1248	ND	990	ug/Kg	2	04/26/16	F	SW8082A
PCB-1254	ND	990	ug/Kg	2	04/26/16	F	SW8082A
PCB-1260	ND	990	ug/Kg	2	04/26/16	F	SW8082A
PCB-1262	ND	990	ug/Kg	2	04/26/16	F	SW8082A
PCB-1268	ND	990	ug/Kg	2	04/26/16	F	SW8082A

**QA/QC Surrogates**

% DCBP	73		%	2	04/26/16	F	30 - 150 %
% TCMX	58		%	2	04/26/16	F	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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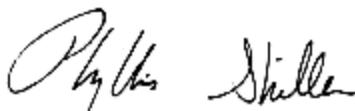
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
This report must not be reproduced except in full as defined by the attached chain of custody.



**Phyllis Shiller, Laboratory Director**

**April 27, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

April 27, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by: PH  
 Received by: SW  
 Analyzed by: see "By" below

Date

04/25/16  
 04/25/16

Time

15:40

## Laboratory Data

SDG ID: GBN18979  
 Phoenix ID: BN18981

Project ID: 150 WINDSOR ST  
 Client ID: 4-25-PCB-01C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				04/25/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	640	ug/Kg	1	04/26/16	F	SW8082A
PCB-1221	ND	640	ug/Kg	1	04/26/16	F	SW8082A
PCB-1232	ND	640	ug/Kg	1	04/26/16	F	SW8082A
PCB-1242	ND	640	ug/Kg	1	04/26/16	F	SW8082A
PCB-1248	ND	640	ug/Kg	1	04/26/16	F	SW8082A
PCB-1254	ND	640	ug/Kg	1	04/26/16	F	SW8082A
PCB-1260	ND	640	ug/Kg	1	04/26/16	F	SW8082A
PCB-1262	ND	640	ug/Kg	1	04/26/16	F	SW8082A
PCB-1268	ND	640	ug/Kg	1	04/26/16	F	SW8082A

**QA/QC Surrogates**

% DCBP	60		%	1	04/26/16	F	30 - 150 %
% TCMX	43		%	1	04/26/16	F	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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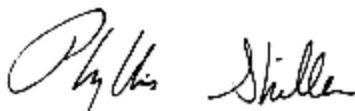
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
This report must not be reproduced except in full as defined by the attached chain of custody.



**Phyllis Shiller, Laboratory Director**

**April 27, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**





Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

April 27, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

### Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

### Custody Information

Collected by: PH  
 Received by: SW  
 Analyzed by: see "By" below

### Date

04/25/16  
 04/25/16

### Time

15:40

## Laboratory Data

SDG ID: GBN18979  
 Phoenix ID: BN18982

Project ID: 150 WINDSOR ST  
 Client ID: 4-25-PCB-02A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				04/25/16	QQ/I	SW3540C

### PCB (Soxhlet SW3540C)

PCB-1016	ND	910	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1221	ND	910	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1232	ND	910	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1242	ND	910	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1248	ND	910	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1254	ND	910	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1260	ND	910	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1262	ND	910	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1268	ND	910	ug/Kg	2	04/26/16	KCA	SW8082A

### QA/QC Surrogates

% DCBP	64		%	2	04/26/16	KCA	30 - 150 %
% TCMX	55		%	2	04/26/16	KCA	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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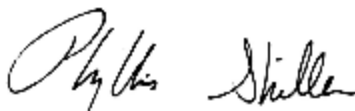
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**April 27, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

April 27, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

## Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

## Custody Information

Collected by: PH  
 Received by: SW  
 Analyzed by: see "By" below

## Date

04/25/16

## Time

15:40

## Laboratory Data

SDG ID: GBN18979  
 Phoenix ID: BN18983

Project ID: 150 WINDSOR ST  
 Client ID: 4-25-PCB-02B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				04/25/16	QQ/I	SW3540C

### PCB (Soxhlet SW3540C)

PCB-1016	ND	780	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1221	ND	780	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1232	ND	780	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1242	ND	780	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1248	ND	780	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1254	ND	780	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1260	ND	780	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1262	ND	780	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1268	ND	780	ug/Kg	2	04/26/16	KCA	SW8082A

### QA/QC Surrogates

% DCBP	71		%	2	04/26/16	KCA	30 - 150 %
% TCMX	60		%	2	04/26/16	KCA	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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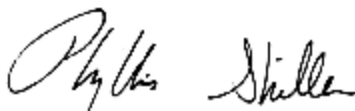
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**April 27, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

April 27, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by: PH  
 Received by: SW  
 Analyzed by: see "By" below

Date

04/25/16  
 04/25/16

Time

15:40

## Laboratory Data

SDG ID: GBN18979  
 Phoenix ID: BN18984

Project ID: 150 WINDSOR ST  
 Client ID: 4-25-PCB-02C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				04/25/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	950	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1221	ND	950	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1232	ND	950	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1242	ND	950	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1248	ND	950	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1254	ND	950	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1260	ND	950	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1262	ND	950	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1268	ND	950	ug/Kg	2	04/26/16	KCA	SW8082A

**QA/QC Surrogates**

% DCBP	69		%	2	04/26/16	KCA	30 - 150 %
% TCMX	33		%	2	04/26/16	KCA	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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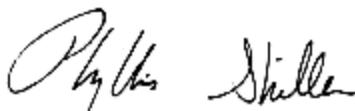
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**April 27, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

April 27, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

## Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

## Custody Information

Collected by: PH  
 Received by: SW  
 Analyzed by: see "By" below

## Date

04/25/16  
 04/25/16

## Time

15:40

## Laboratory Data

SDG ID: GBN18979  
 Phoenix ID: BN18985

Project ID: 150 WINDSOR ST  
 Client ID: 4-25-PCB-03A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				04/25/16	QQ/I	SW3540C

### PCB (Soxhlet SW3540C)

PCB-1016	ND	470	ug/Kg	2	04/26/16	F	SW8082A
PCB-1221	ND	470	ug/Kg	2	04/26/16	F	SW8082A
PCB-1232	ND	470	ug/Kg	2	04/26/16	F	SW8082A
PCB-1242	ND	470	ug/Kg	2	04/26/16	F	SW8082A
PCB-1248	ND	470	ug/Kg	2	04/26/16	F	SW8082A
PCB-1254	ND	470	ug/Kg	2	04/26/16	F	SW8082A
PCB-1260	ND	470	ug/Kg	2	04/26/16	F	SW8082A
PCB-1262	ND	470	ug/Kg	2	04/26/16	F	SW8082A
PCB-1268	ND	470	ug/Kg	2	04/26/16	F	SW8082A

### QA/QC Surrogates

% DCBP	67		%	2	04/26/16	F	30 - 150 %
% TCMX	51		%	2	04/26/16	F	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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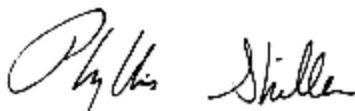
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**April 27, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**





Environmental Laboratories, Inc.  
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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

April 27, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by: PH  
 Received by: SW  
 Analyzed by: see "By" below

Date

04/25/16  
 04/25/16

Time

15:40

## Laboratory Data

SDG ID: GBN18979  
 Phoenix ID: BN18986

Project ID: 150 WINDSOR ST  
 Client ID: 4-25-PCB-03B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				04/25/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	860	ug/Kg	5	04/26/16	F	SW8082A
PCB-1221	ND	860	ug/Kg	5	04/26/16	F	SW8082A
PCB-1232	ND	860	ug/Kg	5	04/26/16	F	SW8082A
PCB-1242	ND	860	ug/Kg	5	04/26/16	F	SW8082A
PCB-1248	ND	860	ug/Kg	5	04/26/16	F	SW8082A
PCB-1254	ND	860	ug/Kg	5	04/26/16	F	SW8082A
PCB-1260	ND	860	ug/Kg	5	04/26/16	F	SW8082A
PCB-1262	ND	860	ug/Kg	5	04/26/16	F	SW8082A
PCB-1268	ND	860	ug/Kg	5	04/26/16	F	SW8082A

**QA/QC Surrogates**

% DCBP	85		%	5	04/26/16	F	30 - 150 %
% TCMX	71		%	5	04/26/16	F	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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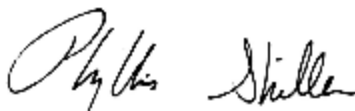
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**April 27, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

April 27, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

### Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

### Custody Information

Collected by: PH  
 Received by: SW  
 Analyzed by: see "By" below

### Date

04/25/16  
 04/25/16

### Time

15:40

## Laboratory Data

SDG ID: GBN18979  
 Phoenix ID: BN18987

Project ID: 150 WINDSOR ST  
 Client ID: 4-25-PCB-03C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				04/25/16	QQ/I	SW3540C

### PCB (Soxhlet SW3540C)

PCB-1016	ND	960	ug/Kg	2	04/26/16	F	SW8082A
PCB-1221	ND	960	ug/Kg	2	04/26/16	F	SW8082A
PCB-1232	ND	960	ug/Kg	2	04/26/16	F	SW8082A
PCB-1242	ND	960	ug/Kg	2	04/26/16	F	SW8082A
PCB-1248	ND	960	ug/Kg	2	04/26/16	F	SW8082A
PCB-1254	ND	960	ug/Kg	2	04/26/16	F	SW8082A
PCB-1260	ND	960	ug/Kg	2	04/26/16	F	SW8082A
PCB-1262	ND	960	ug/Kg	2	04/26/16	F	SW8082A
PCB-1268	ND	960	ug/Kg	2	04/26/16	F	SW8082A

### QA/QC Surrogates

% DCBP	77		%	2	04/26/16	F	30 - 150 %
% TCMX	62		%	2	04/26/16	F	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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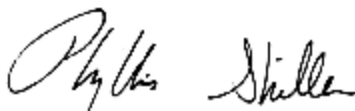
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
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**Phyllis Shiller, Laboratory Director**

**April 27, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

April 27, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

## Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

## Custody Information

Collected by: PH  
 Received by: SW  
 Analyzed by: see "By" below

## Date

04/25/16  
 04/25/16

## Time

15:40

## Laboratory Data

SDG ID: GBN18979  
 Phoenix ID: BN18988

Project ID: 150 WINDSOR ST  
 Client ID: 4-25-PCB-04A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				04/25/16	QQ/I	SW3540C

### PCB (Soxhlet SW3540C)

PCB-1016	ND	470	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1221	ND	470	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1232	ND	470	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1242	ND	470	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1248	ND	470	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1254	ND	470	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1260	ND	470	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1262	ND	470	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1268	ND	470	ug/Kg	2	04/26/16	KCA	SW8082A

### QA/QC Surrogates

% DCBP	70		%	2	04/26/16	KCA	30 - 150 %
% TCMX	59		%	2	04/26/16	KCA	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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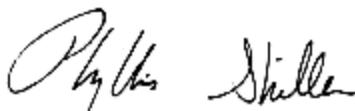
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
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**Phyllis Shiller, Laboratory Director**

**April 27, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

April 27, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by: PH  
 Received by: SW  
 Analyzed by: see "By" below

Date

04/25/16  
 04/25/16

Time

15:40

## Laboratory Data

SDG ID: GBN18979  
 Phoenix ID: BN18989

Project ID: 150 WINDSOR ST  
 Client ID: 4-25-PCB-04B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				04/25/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	670	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1221	ND	670	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1232	ND	670	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1242	ND	670	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1248	ND	670	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1254	ND	670	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1260	ND	670	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1262	ND	670	ug/Kg	2	04/26/16	KCA	SW8082A
PCB-1268	ND	670	ug/Kg	2	04/26/16	KCA	SW8082A

**QA/QC Surrogates**

% DCBP	76		%	2	04/26/16	KCA	30 - 150 %
% TCMX	66		%	2	04/26/16	KCA	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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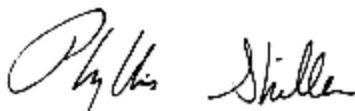
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**Phyllis Shiller, Laboratory Director**

**April 27, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**





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 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

April 27, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by: PH  
 Received by: SW  
 Analyzed by: see "By" below

Date

04/25/16  
 04/25/16

Time

15:40

## Laboratory Data

SDG ID: GBN18979  
 Phoenix ID: BN18990

Project ID: 150 WINDSOR ST  
 Client ID: 4-25-PCB-04C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				04/25/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	810	ug/Kg	2	04/26/16	F	SW8082A
PCB-1221	ND	810	ug/Kg	2	04/26/16	F	SW8082A
PCB-1232	ND	810	ug/Kg	2	04/26/16	F	SW8082A
PCB-1242	ND	810	ug/Kg	2	04/26/16	F	SW8082A
PCB-1248	ND	810	ug/Kg	2	04/26/16	F	SW8082A
PCB-1254	ND	810	ug/Kg	2	04/26/16	F	SW8082A
PCB-1260	ND	810	ug/Kg	2	04/26/16	F	SW8082A
PCB-1262	ND	810	ug/Kg	2	04/26/16	F	SW8082A
PCB-1268	ND	810	ug/Kg	2	04/26/16	F	SW8082A

**QA/QC Surrogates**

% DCBP	72		%	2	04/26/16	F	30 - 150 %
% TCMX	56		%	2	04/26/16	F	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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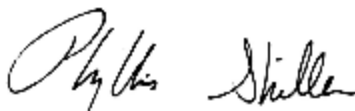
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QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**April 27, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

April 27, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by: PH  
 Received by: SW  
 Analyzed by: see "By" below

Date

04/25/16  
 04/25/16

Time

15:40

## Laboratory Data

SDG ID: GBN18979  
 Phoenix ID: BN18991

Project ID: 150 WINDSOR ST  
 Client ID: 4-25-PCB-05A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				04/25/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	700	ug/Kg	1	04/26/16	F	SW8082A
PCB-1221	ND	700	ug/Kg	1	04/26/16	F	SW8082A
PCB-1232	ND	700	ug/Kg	1	04/26/16	F	SW8082A
PCB-1242	ND	700	ug/Kg	1	04/26/16	F	SW8082A
PCB-1248	ND	700	ug/Kg	1	04/26/16	F	SW8082A
PCB-1254	4500	700	ug/Kg	1	04/26/16	F	SW8082A
PCB-1260	ND	700	ug/Kg	1	04/26/16	F	SW8082A
PCB-1262	ND	700	ug/Kg	1	04/26/16	F	SW8082A
PCB-1268	ND	700	ug/Kg	1	04/26/16	F	SW8082A

**QA/QC Surrogates**

% DCBP	68		%	1	04/26/16	F	30 - 150 %
% TCMX	54		%	1	04/26/16	F	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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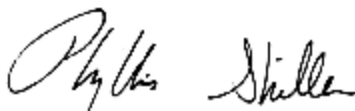
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**April 27, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

April 27, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by: PH  
 Received by: SW  
 Analyzed by: see "By" below

Date

04/25/16  
 04/25/16

Time

15:40

## Laboratory Data

SDG ID: GBN18979  
 Phoenix ID: BN18992

Project ID: 150 WINDSOR ST  
 Client ID: 4-25-PCB-05B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				04/25/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	7700	ug/Kg	20	04/27/16	KCA	SW8082A
PCB-1221	ND	7700	ug/Kg	20	04/27/16	KCA	SW8082A
PCB-1232	ND	7700	ug/Kg	20	04/27/16	KCA	SW8082A
PCB-1242	ND	7700	ug/Kg	20	04/27/16	KCA	SW8082A
PCB-1248	ND	7700	ug/Kg	20	04/27/16	KCA	SW8082A
PCB-1254	45000	7700	ug/Kg	20	04/27/16	KCA	SW8082A
PCB-1260	ND	7700	ug/Kg	20	04/27/16	KCA	SW8082A
PCB-1262	ND	7700	ug/Kg	20	04/27/16	KCA	SW8082A
PCB-1268	ND	7700	ug/Kg	20	04/27/16	KCA	SW8082A

**QA/QC Surrogates**

% DCBP	72		%	20	04/27/16	KCA	30 - 150 %
% TCMX	55		%	20	04/27/16	KCA	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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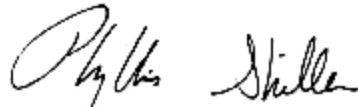
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**April 27, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

April 27, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by: PH  
 Received by: SW  
 Analyzed by: see "By" below

Date

04/25/16  
 04/25/16

Time

15:40

## Laboratory Data

SDG ID: GBN18979  
 Phoenix ID: BN18993

Project ID: 150 WINDSOR ST  
 Client ID: 4-25-PCB-05C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				04/25/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	5500	ug/Kg	10	04/27/16	KCA	SW8082A
PCB-1221	ND	5500	ug/Kg	10	04/27/16	KCA	SW8082A
PCB-1232	ND	5500	ug/Kg	10	04/27/16	KCA	SW8082A
PCB-1242	ND	5500	ug/Kg	10	04/27/16	KCA	SW8082A
PCB-1248	ND	5500	ug/Kg	10	04/27/16	KCA	SW8082A
PCB-1254	45000	5500	ug/Kg	10	04/27/16	KCA	SW8082A
PCB-1260	ND	5500	ug/Kg	10	04/27/16	KCA	SW8082A
PCB-1262	ND	5500	ug/Kg	10	04/27/16	KCA	SW8082A
PCB-1268	ND	5500	ug/Kg	10	04/27/16	KCA	SW8082A

**QA/QC Surrogates**

% DCBP	62		%	10	04/27/16	KCA	30 - 150 %
% TCMX	45		%	10	04/27/16	KCA	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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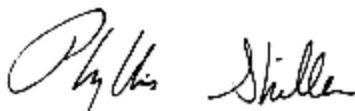
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**April 27, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**





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# Analysis Report

April 27, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

## Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

## Custody Information

Collected by: PH  
 Received by: SW  
 Analyzed by: see "By" below

## Date

04/25/16  
 04/25/16

## Time

15:40

## Laboratory Data

SDG ID: GBN18979  
 Phoenix ID: BN18994

Project ID: 150 WINDSOR ST  
 Client ID: 4-25-PCB-06A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				04/25/16	QQ/I	SW3540C

### PCB (Soxhlet SW3540C)

PCB-1016	ND	4300	ug/Kg	20	04/27/16	KCA	SW8082A
PCB-1221	ND	4300	ug/Kg	20	04/27/16	KCA	SW8082A
PCB-1232	ND	4300	ug/Kg	20	04/27/16	KCA	SW8082A
PCB-1242	ND	4300	ug/Kg	20	04/27/16	KCA	SW8082A
PCB-1248	ND	4300	ug/Kg	20	04/27/16	KCA	SW8082A
PCB-1254	36000	4300	ug/Kg	20	04/27/16	KCA	SW8082A
PCB-1260	ND	4300	ug/Kg	20	04/27/16	KCA	SW8082A
PCB-1262	ND	4300	ug/Kg	20	04/27/16	KCA	SW8082A
PCB-1268	ND	4300	ug/Kg	20	04/27/16	KCA	SW8082A

### QA/QC Surrogates

% DCBP	106		%	20	04/27/16	KCA	30 - 150 %
% TCMX	81		%	20	04/27/16	KCA	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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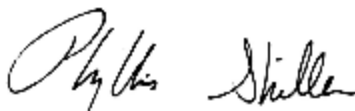
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

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**Phyllis Shiller, Laboratory Director**

**April 27, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

April 27, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by: PH  
 Received by: SW  
 Analyzed by: see "By" below

Date

04/25/16  
 04/25/16

Time

15:40

## Laboratory Data

SDG ID: GBN18979  
 Phoenix ID: BN18995

Project ID: 150 WINDSOR ST  
 Client ID: 4-25-PCB-06B

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				04/25/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	7600	ug/Kg	50	04/26/16	KCA	SW8082A
PCB-1221	ND	7600	ug/Kg	50	04/26/16	KCA	SW8082A
PCB-1232	ND	7600	ug/Kg	50	04/26/16	KCA	SW8082A
PCB-1242	ND	7600	ug/Kg	50	04/26/16	KCA	SW8082A
PCB-1248	ND	7600	ug/Kg	50	04/26/16	KCA	SW8082A
PCB-1254	52000	7600	ug/Kg	50	04/26/16	KCA	SW8082A
PCB-1260	ND	7600	ug/Kg	50	04/26/16	KCA	SW8082A
PCB-1262	ND	7600	ug/Kg	50	04/26/16	KCA	SW8082A
PCB-1268	ND	7600	ug/Kg	50	04/26/16	KCA	SW8082A

**QA/QC Surrogates**

% DCBP	Diluted Out		%	50	04/26/16	KCA	30 - 150 %
% TCMX	Diluted Out		%	50	04/26/16	KCA	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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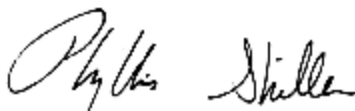
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**Phyllis Shiller, Laboratory Director**

**April 27, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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# Analysis Report

April 27, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by: PH  
 Received by: SW  
 Analyzed by: see "By" below

Date

04/25/16  
 04/25/16

Time

15:40

## Laboratory Data

SDG ID: GBN18979  
 Phoenix ID: BN18996

Project ID: 150 WINDSOR ST  
 Client ID: 4-25-PCB-06C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				04/25/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	5600	ug/Kg	50	04/26/16	KCA	SW8082A
PCB-1221	ND	5600	ug/Kg	50	04/26/16	KCA	SW8082A
PCB-1232	ND	5600	ug/Kg	50	04/26/16	KCA	SW8082A
PCB-1242	ND	5600	ug/Kg	50	04/26/16	KCA	SW8082A
PCB-1248	ND	5600	ug/Kg	50	04/26/16	KCA	SW8082A
PCB-1254	61000	5600	ug/Kg	50	04/26/16	KCA	SW8082A
PCB-1260	ND	5600	ug/Kg	50	04/26/16	KCA	SW8082A
PCB-1262	ND	5600	ug/Kg	50	04/26/16	KCA	SW8082A
PCB-1268	ND	5600	ug/Kg	50	04/26/16	KCA	SW8082A

**QA/QC Surrogates**

% DCBP	Diluted Out		%	50	04/26/16	KCA	30 - 150 %
% TCMX	Diluted Out		%	50	04/26/16	KCA	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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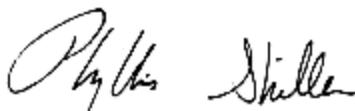
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**Phyllis Shiller, Laboratory Director**

**April 27, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

April 27, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by: PH  
 Received by: SW  
 Analyzed by: see "By" below

Date

04/25/16  
 04/25/16

Time

15:40

## Laboratory Data

SDG ID: GBN18979  
 Phoenix ID: BN18997

Project ID: 150 WINDSOR ST  
 Client ID: 4-25-PCB-07

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				04/25/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	570	ug/Kg	5	04/27/16	KCA	SW8082A
PCB-1221	ND	570	ug/Kg	5	04/27/16	KCA	SW8082A
PCB-1232	ND	570	ug/Kg	5	04/27/16	KCA	SW8082A
PCB-1242	ND	570	ug/Kg	5	04/27/16	KCA	SW8082A
PCB-1248	ND	570	ug/Kg	5	04/27/16	KCA	SW8082A
PCB-1254	2800	570	ug/Kg	5	04/27/16	KCA	SW8082A
PCB-1260	ND	570	ug/Kg	5	04/27/16	KCA	SW8082A
PCB-1262	ND	570	ug/Kg	5	04/27/16	KCA	SW8082A
PCB-1268	ND	570	ug/Kg	5	04/27/16	KCA	SW8082A

**QA/QC Surrogates**

% DCBP	81		%	5	04/27/16	KCA	30 - 150 %
% TCMX	76		%	5	04/27/16	KCA	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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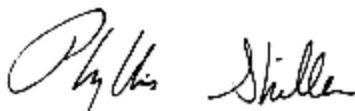
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**Phyllis Shiller, Laboratory Director**

**April 27, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**





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 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

April 27, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by: PH  
 Received by: SW  
 Analyzed by: see "By" below

Date

04/25/16  
 04/25/16

Time

15:40

## Laboratory Data

SDG ID: GBN18979  
 Phoenix ID: BN18998

Project ID: 150 WINDSOR ST  
 Client ID: 4-25-PCB-08

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				04/25/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	630	ug/Kg	10	04/26/16	F	SW8082A
PCB-1221	ND	630	ug/Kg	10	04/26/16	F	SW8082A
PCB-1232	ND	630	ug/Kg	10	04/26/16	F	SW8082A
PCB-1242	ND	630	ug/Kg	10	04/26/16	F	SW8082A
PCB-1248	ND	630	ug/Kg	10	04/26/16	F	SW8082A
PCB-1254	ND	630	ug/Kg	10	04/26/16	F	SW8082A
PCB-1260	ND	630	ug/Kg	10	04/26/16	F	SW8082A
PCB-1262	ND	630	ug/Kg	10	04/26/16	F	SW8082A
PCB-1268	ND	630	ug/Kg	10	04/26/16	F	SW8082A

**QA/QC Surrogates**

% DCBP	85		%	10	04/26/16	F	30 - 150 %
% TCMX	68		%	10	04/26/16	F	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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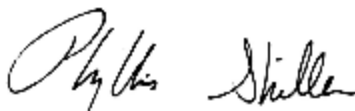
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**Phyllis Shiller, Laboratory Director**

**April 27, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

April 27, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by: PH  
 Received by: SW  
 Analyzed by: see "By" below

Date

04/25/16  
 04/25/16

Time

15:40

## Laboratory Data

SDG ID: GBN18979  
 Phoenix ID: BN18999

Project ID: 150 WINDSOR ST  
 Client ID: 4-25-PCB-09

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				04/25/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	610	ug/Kg	5	04/26/16	KCA	SW8082A
PCB-1221	ND	610	ug/Kg	5	04/26/16	KCA	SW8082A
PCB-1232	ND	610	ug/Kg	5	04/26/16	KCA	SW8082A
PCB-1242	ND	610	ug/Kg	5	04/26/16	KCA	SW8082A
PCB-1248	ND	610	ug/Kg	5	04/26/16	KCA	SW8082A
PCB-1254	ND	610	ug/Kg	5	04/26/16	KCA	SW8082A
PCB-1260	ND	610	ug/Kg	5	04/26/16	KCA	SW8082A
PCB-1262	ND	610	ug/Kg	5	04/26/16	KCA	SW8082A
PCB-1268	ND	610	ug/Kg	5	04/26/16	KCA	SW8082A

**QA/QC Surrogates**

% DCBP	82		%	5	04/26/16	KCA	30 - 150 %
% TCMX	70		%	5	04/26/16	KCA	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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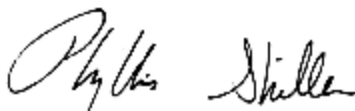
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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**Phyllis Shiller, Laboratory Director**

**April 27, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

April 27, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by: PH  
 Received by: SW  
 Analyzed by: see "By" below

Date

04/25/16  
 04/25/16

Time

15:40

## Laboratory Data

SDG ID: GBN18979  
 Phoenix ID: BN19000

Project ID: 150 WINDSOR ST  
 Client ID: 4-25-PCB-10

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				04/25/16	QQ/I	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	760	ug/Kg	10	04/26/16	F	SW8082A
PCB-1221	ND	760	ug/Kg	10	04/26/16	F	SW8082A
PCB-1232	ND	760	ug/Kg	10	04/26/16	F	SW8082A
PCB-1242	ND	760	ug/Kg	10	04/26/16	F	SW8082A
PCB-1248	ND	760	ug/Kg	10	04/26/16	F	SW8082A
PCB-1254	ND	760	ug/Kg	10	04/26/16	F	SW8082A
PCB-1260	ND	760	ug/Kg	10	04/26/16	F	SW8082A
PCB-1262	ND	760	ug/Kg	10	04/26/16	F	SW8082A
PCB-1268	ND	760	ug/Kg	10	04/26/16	F	SW8082A

**QA/QC Surrogates**

% DCBP	85		%	10	04/26/16	F	30 - 150 %
% TCMX	68		%	10	04/26/16	F	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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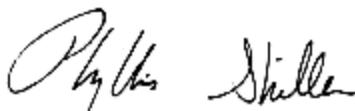
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

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**Phyllis Shiller, Laboratory Director**

**April 27, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

April 27, 2016

FOR: Attn: Mr Phillip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

### Sample Information

Matrix: SOLID  
 Location Code: TIGHE  
 Rush Request: 48 Hour  
 P.O.#: 12-1077-6

### Custody Information

Collected by: PH  
 Received by: SW  
 Analyzed by: see "By" below

### Date

04/25/16  
 04/25/16

### Time

15:40

## Laboratory Data

SDG ID: GBN18979  
 Phoenix ID: BN19001

Project ID: 150 WINDSOR ST  
 Client ID: 4-25-PCB-11

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Extraction for PCB	Completed				04/25/16	QQ/I	SW3540C

### PCB (Soxhlet SW3540C)

PCB-1016	ND	820	ug/Kg	5	04/27/16	KCA	SW8082A
PCB-1221	ND	820	ug/Kg	5	04/27/16	KCA	SW8082A
PCB-1232	ND	820	ug/Kg	5	04/27/16	KCA	SW8082A
PCB-1242	ND	820	ug/Kg	5	04/27/16	KCA	SW8082A
PCB-1248	ND	820	ug/Kg	5	04/27/16	KCA	SW8082A
PCB-1254	ND	820	ug/Kg	5	04/27/16	KCA	SW8082A
PCB-1260	ND	820	ug/Kg	5	04/27/16	KCA	SW8082A
PCB-1262	ND	820	ug/Kg	5	04/27/16	KCA	SW8082A
PCB-1268	ND	820	ug/Kg	5	04/27/16	KCA	SW8082A

### QA/QC Surrogates

% DCBP	89		%	5	04/27/16	KCA	30 - 150 %
% TCMX	89		%	5	04/27/16	KCA	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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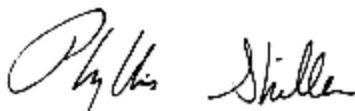
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

Results are reported on an ``as received`` basis, and are not corrected for dry weight.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.  
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**Phyllis Shiller, Laboratory Director**

**April 27, 2016**

**Reviewed and Released by: Greg Lawrence, Assistant Lab Director**





Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# QA/QC Report

April 27, 2016

## QA/QC Data

SDG I.D.: GBN18979

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 343334 (ug/Kg), QC Sample No: BN18875 10X (BN18979, BN18980, BN18981, BN18982, BN18983, BN18984, BN18985)

### Polychlorinated Biphenyls - Solid

PCB-1016	ND	170	97	103	6.0	107	111	3.7	40 - 140	30
PCB-1221	ND	170							40 - 140	30
PCB-1232	ND	170							40 - 140	30
PCB-1242	ND	170							40 - 140	30
PCB-1248	ND	170							40 - 140	30
PCB-1254	ND	170							40 - 140	30
PCB-1260	ND	170	102	106	3.8	127	134	5.4	40 - 140	30
PCB-1262	ND	170							40 - 140	30
PCB-1268	ND	170							40 - 140	30
% DCBP (Surrogate Rec)	92	%	98	109	10.6	100	97	3.0	30 - 150	30
% TCMX (Surrogate Rec)	79	%	85	91	6.8	99	105	5.9	30 - 150	30


QA/QC Batch 343359 (ug/Kg), QC Sample No: BN19225 10X (BN18986, BN18987, BN18988, BN18989, BN18990, BN18991, BN18992, BN18993, BN18994, BN18995, BN18996, BN18997, BN18998, BN18999, BN19000, BN19001)

### Polychlorinated Biphenyls - Solid

PCB-1016	ND	170	93	101	8.2	107	94	12.9	40 - 140	30
PCB-1221	ND	170							40 - 140	30
PCB-1232	ND	170							40 - 140	30
PCB-1242	ND	170							40 - 140	30
PCB-1248	ND	170							40 - 140	30
PCB-1254	ND	170							40 - 140	30
PCB-1260	ND	170	96	110	13.6	113	99	13.2	40 - 140	30
PCB-1262	ND	170							40 - 140	30
PCB-1268	ND	170							40 - 140	30
% DCBP (Surrogate Rec)	99	%	99	100	1.0	101	93	8.2	30 - 150	30
% TCMX (Surrogate Rec)	91	%	83	92	10.3	100	86	15.1	30 - 150	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

  
 Phyllis Shiller, Laboratory Director  
 April 27, 2016

# Sample Criteria Exceedences Report

## GBN18979 - TIGHE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BN18991	\$PCB_SOXR	PCB-1254	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	4500	700	1000	1000	1000	ug/Kg
BN18992	\$PCB_SOXR	PCB-1016	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	7700	1000	1000	1000	ug/Kg
BN18992	\$PCB_SOXR	PCB-1221	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	7700	1000	1000	1000	ug/Kg
BN18992	\$PCB_SOXR	PCB-1232	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	7700	1000	1000	1000	ug/Kg
BN18992	\$PCB_SOXR	PCB-1242	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	7700	1000	1000	1000	ug/Kg
BN18992	\$PCB_SOXR	PCB-1248	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	7700	1000	1000	1000	ug/Kg
BN18992	\$PCB_SOXR	PCB-1254	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	45000	7700	1000	1000	1000	ug/Kg
BN18992	\$PCB_SOXR	PCB-1260	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	7700	1000	1000	1000	ug/Kg
BN18992	\$PCB_SOXR	PCB-1262	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	7700	1000	1000	1000	ug/Kg
BN18992	\$PCB_SOXR	PCB-1268	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	7700	1000	1000	1000	ug/Kg
BN18993	\$PCB_SOXR	PCB-1016	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	5500	1000	1000	1000	ug/Kg
BN18993	\$PCB_SOXR	PCB-1268	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	5500	1000	1000	1000	ug/Kg
BN18993	\$PCB_SOXR	PCB-1262	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	5500	1000	1000	1000	ug/Kg
BN18993	\$PCB_SOXR	PCB-1260	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	5500	1000	1000	1000	ug/Kg
BN18993	\$PCB_SOXR	PCB-1254	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	45000	5500	1000	1000	1000	ug/Kg
BN18993	\$PCB_SOXR	PCB-1248	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	5500	1000	1000	1000	ug/Kg
BN18993	\$PCB_SOXR	PCB-1242	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	5500	1000	1000	1000	ug/Kg
BN18993	\$PCB_SOXR	PCB-1221	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	5500	1000	1000	1000	ug/Kg
BN18993	\$PCB_SOXR	PCB-1232	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	5500	1000	1000	1000	ug/Kg
BN18994	\$PCB_SOXR	PCB-1254	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	36000	4300	1000	1000	1000	ug/Kg
BN18994	\$PCB_SOXR	PCB-1016	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	4300	1000	1000	1000	ug/Kg
BN18994	\$PCB_SOXR	PCB-1221	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	4300	1000	1000	1000	ug/Kg
BN18994	\$PCB_SOXR	PCB-1232	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	4300	1000	1000	1000	ug/Kg
BN18994	\$PCB_SOXR	PCB-1242	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	4300	1000	1000	1000	ug/Kg
BN18994	\$PCB_SOXR	PCB-1260	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	4300	1000	1000	1000	ug/Kg
BN18994	\$PCB_SOXR	PCB-1262	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	4300	1000	1000	1000	ug/Kg
BN18994	\$PCB_SOXR	PCB-1268	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	4300	1000	1000	1000	ug/Kg
BN18994	\$PCB_SOXR	PCB-1248	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	4300	1000	1000	1000	ug/Kg
BN18995	\$PCB_SOXR	PCB-1260	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	7600	1000	1000	1000	ug/Kg
BN18995	\$PCB_SOXR	PCB-1262	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	7600	1000	1000	1000	ug/Kg
BN18995	\$PCB_SOXR	PCB-1254	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	52000	7600	1000	1000	1000	ug/Kg
BN18995	\$PCB_SOXR	PCB-1248	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	7600	1000	1000	1000	ug/Kg
BN18995	\$PCB_SOXR	PCB-1242	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	7600	1000	1000	1000	ug/Kg
BN18995	\$PCB_SOXR	PCB-1232	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	7600	1000	1000	1000	ug/Kg
BN18995	\$PCB_SOXR	PCB-1221	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	7600	1000	1000	1000	ug/Kg
BN18995	\$PCB_SOXR	PCB-1016	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	7600	1000	1000	1000	ug/Kg
BN18995	\$PCB_SOXR	PCB-1268	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	7600	1000	1000	1000	ug/Kg
BN18996	\$PCB_SOXR	PCB-1016	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	5600	1000	1000	1000	ug/Kg

Criteria: CT: RC

State: CT

## Sample Criteria Exceedences Report

**GBN18979 - TIGHE**

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BN18996	\$PCB_SOXR	PCB-1221	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	5600	1000	1000	ug/Kg
BN18996	\$PCB_SOXR	PCB-1232	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	5600	1000	1000	ug/Kg
BN18996	\$PCB_SOXR	PCB-1242	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	5600	1000	1000	ug/Kg
BN18996	\$PCB_SOXR	PCB-1248	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	5600	1000	1000	ug/Kg
BN18996	\$PCB_SOXR	PCB-1254	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	61000	5600	1000	1000	ug/Kg
BN18996	\$PCB_SOXR	PCB-1260	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	5600	1000	1000	ug/Kg
BN18996	\$PCB_SOXR	PCB-1262	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	5600	1000	1000	ug/Kg
BN18996	\$PCB_SOXR	PCB-1268	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	ND	5600	1000	1000	ug/Kg
BN18997	\$PCB_SOXR	PCB-1254	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	2800	570	1000	1000	ug/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



## Analysis Comments

April 27, 2016

SDG I.D.: GBN18979

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The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.



# CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726



Cooler: Yes  No   
 Coolant: IPK  ICE

Temp: 23°C Pg 2 of 2

Data Delivery:  Fax #:

Email: phoenix@phoenixlabs.com

Project: 150 Midd St.  
 Report to: Philip Hutter  
 Invoice to: Wesfield  
 Phone #: 860-852-5205  
 Fax #:

Customer: Tighe & Bond  
 Address: 413 Court St.  
Ste 1100  
Middletown, CT 06457

This section MUST be completed with Bottle Quantities.

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
18991	4-25-PCB-05A	SD	4/25/16		X
18992	4-25-PCB-05B				X
18993	4-25-PCB-05C				X
18994	4-25-PCB-05A				X
18995	4-25-PCB-05B				X
18996	4-25-PCB-05C				X
18997	4-25-PCB-07A				X
18998	4-25-PCB-08A				X
18999	4-25-PCB-09A				X
19000	4-25-PCB-10				X
19001	4-25-PCB-11				X

Client Sample - Information - Identification  
 Sampler's Signature: Philip Hutter Date: 4/25/16  
 Matrix Code: DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

Relinquished by: Philip Hutter Accepted by: Chaudhure

Date: 4/25/16 Time: 1510

Turnaround:  
 1 Day  
 2 Days\*  
 3 Days\*  
 Standard  
 Other

Comments, Special Requirements or Regulations:  
RL < 1 PPM

State where samples were collected: CT

\* SURCHARGE APPLIES

RI:  Direct Exposure (Residential)  
 GW  
 Other

CT:  RCP Cert  
 GW Protection  
 SW Protection  
 GA Mobility  
 GB Mobility  
 Residential DEC  
 I/C DEC  
 Other

MA:  MCP Certification  
 GW-1  
 GW-2  
 GW-3  
 S-1  
 S-2  
 S-3  
 MWRA eSMART  
 Other

Data Format:  
 Excel  
 PDF  
 GIS/Key  
 EQUIS  
 Other

Data Package:  
 Tier II Checklist  
 Full Data Package\*  
 Phoenix Std Report  
 Other

## Greg - Phoenixlabs

---

**From:** Philip C. Hutter [[PCHutter@tighebond.com](mailto:PCHutter@tighebond.com)]

**Sent:** Wednesday, April 27, 2016 8:29 AM

**To:** Greg - Phoenixlabs

**Subject:** Hartford Brownfields

Greg, I dropped off approximately 23 PCB with soxhlet samples on Monday for 150 Windsor street. I forgot to put on the COC that they are to be Hartford Brownfields pricing. Could you please make sure that it goes this route? Thank you!

**Philip C. Hutter** | Project Environmental Compliance Specialist

**Tighe & Bond** | 213 Court Street Suite 1100 | Middletown, CT, 06457 | 860.704.4760 (Main) | 804.283.4735

(Mobile) [www.tighebond.com](http://www.tighebond.com) | Follow us on: [Twitter](#) [Facebook](#) [LinkedIn](#)





Thursday, April 28, 2016

Attn: Mr Philip Hutter  
Tighe & Bond  
213 Court St, Suite 1100  
Middletown, CT 06457

Project ID: 150 WINDSOR STREET  
Sample ID#s: BN20183

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #MA-CT-007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301





Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# Analysis Report

April 28, 2016

FOR: Attn: Mr Philip Hutter  
 Tighe & Bond  
 213 Court St, Suite 1100  
 Middletown, CT 06457

Sample Information

Matrix: SOLID  
 Location Code: TIGHE-HARTFD  
 Rush Request: 24 Hour  
 P.O.#: 12-1077-6

Custody Information

Collected by: PH  
 Received by: SW  
 Analyzed by: see "By" below

Date

04/25/16  
 04/27/16

Time

11:47

## Laboratory Data

SDG ID: GBN20183  
 Phoenix ID: BN20183

Project ID: 150 WINDSOR STREET  
 Client ID: 4-25-PCB-07A

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Percent Solid	98		%		04/27/16	W	SW846-%Solid
Extraction for PCB	Completed				04/27/16	QQ/F	SW3540C

**PCB (Soxhlet SW3540C)**

PCB-1016	ND	630	ug/Kg	5	04/28/16	KCA	SW8082A
PCB-1221	ND	630	ug/Kg	5	04/28/16	KCA	SW8082A
PCB-1232	ND	630	ug/Kg	5	04/28/16	KCA	SW8082A
PCB-1242	ND	630	ug/Kg	5	04/28/16	KCA	SW8082A
PCB-1248	ND	630	ug/Kg	5	04/28/16	KCA	SW8082A
PCB-1254	ND	630	ug/Kg	5	04/28/16	KCA	SW8082A
PCB-1260	ND	630	ug/Kg	5	04/28/16	KCA	SW8082A
PCB-1262	ND	630	ug/Kg	5	04/28/16	KCA	SW8082A
PCB-1268	ND	630	ug/Kg	5	04/28/16	KCA	SW8082A

**QA/QC Surrogates**

% DCBP	89		%	5	04/28/16	KCA	30 - 150 %
% TCMX	59		%	5	04/28/16	KCA	30 - 150 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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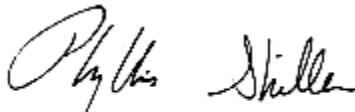
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level  
QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



**Phyllis Shiller, Laboratory Director**

**April 28, 2016**

**Reviewed and Released by: Bobbi Aloisa, Vice President**



Environmental Laboratories, Inc.  
 587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045  
 Tel. (860) 645-1102 Fax (860) 645-0823

# QA/QC Report

April 28, 2016

## QA/QC Data

SDG I.D.: GBN20183

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 343473 (ug/Kg), QC Sample No: BN19629 10X (BN20183)										
<u>Polychlorinated Biphenyls - Solid</u>										
PCB-1016	ND	170	54	79	37.6				40 - 140	30 r
PCB-1221	ND	170							40 - 140	30
PCB-1232	ND	170							40 - 140	30
PCB-1242	ND	170							40 - 140	30
PCB-1248	ND	170							40 - 140	30
PCB-1254	ND	170							40 - 140	30
PCB-1260	ND	170	74	80	7.8				40 - 140	30
PCB-1262	ND	170							40 - 140	30
PCB-1268	ND	170							40 - 140	30
% DCBP (Surrogate Rec)	87	%	83	84	1.2				30 - 150	30
% TCMX (Surrogate Rec)	64	%	38	73	63.1				30 - 150	30 r

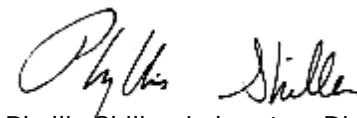
Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

r = This parameter is outside laboratory RPD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference

  
 Phyllis Shiller, Laboratory Director  
 April 28, 2016

# Sample Criteria Exceedences Report

## GBN20183 - TIGHE-HARTFD

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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\*\*\* No Data to Display \*\*\*

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



**Environmental Laboratories, Inc.**  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



## Analysis Comments

April 28, 2016

SDG I.D.: GBN20183

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The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

# CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
 Email: info@phoenixlabs.com Fax (860) 645-0823  
 Client Services (860) 645-8726



Customer: John and Bond  
 Address: 213 Court St  
Middletown, CT 06457

Project: 150 Windsor Street  
 Report to: Philip Hutter  
 Invoice to: Westfield  
 Phone #: 860-852-5205  
 Fax #:

Coolant:  IPK  ICE  No   
 Temp 83C Pg 1 of 1  
 Data Delivery:  
 Fax #:  
 Email: phoother@tigerboard.com

Project P.O.: 12-1077-6  
 This section MUST be completed with Bottle Quantities.

Sampler's Signature: Philip Hutter Date: 4/25/16  
 Client Sample - Information - Identification  
 Matrix Code: SW  
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water  
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe  
 OIL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
20183	4-25-PCB-07A	SD	4/25/16		PA 1012 W/Sak/1.1
					SA VOA Vials ( methanol ) [ H2O ]
					40 ml VOA Vial ( As Is ) [ HCl ]
					GL Amber 1000ml ( As Is ) [ H2SO4 ]
					PL H2SO4 ( 250ml ) [ As Is ] [ H2SO4 ]
					PL HNO3 250ml ( 1500ml ) [ H2SO4 ]
					PL NaOH 250ml ( 1000ml )
					Bacteria (as Is)
					Bacteria (w/Me)

Relinquished by: Philip Hutter Accepted by: [Signature]  
 Date: 4/27/16 Time: 11:47  
 RI:  Direct Exposure (Residential)  GW  Other  
 CI:  RCP Cert  GW Protection  SW Protection  GA Mobility  GB Mobility  Residential DEC  I/C DEC  Other  
 MA:  MCP Certification  GW-1  GW-2  GW-3  S-1  S-2  S-3  MWRA eSMART  Other  
 Data Format:  Excel  PDF  GIS/Key  EQUIS  Other  
 Data Package:  Tier II Checklist  Full Data Package\*  Phoenix Std Report  Other  
 Turnaround:  1 Day\*  2 Days\*  3 Days\*  Standard  Other  
 State where samples were collected: CT  
 \* SURCHARGE APPLIES

Comments, Special Requirements or Regulations:  
RL < 1PPM  
Hartford Brownfields pricing