EAGLE Environmental, Inc.

- Industrial Hygiene / IAQ
- Hazardous Building Materials
- Environmental Assessments
- Laboratory Services & Training

April 3, 2011

Ms. Amy Vaillancourt
Tighe and Bond
213 Court Street, Suite 900
Middletown, CT 06457

RE: Pre-Demolition Hazardous Building Materials Inspection
Former Gas Station
645 Main Street
Middletown, Connecticut
Eagle Project No. 12-058.11

Dear Ms. Vaillancourt:

Attached is the report for the hazardous materials inspection conducted at the Former Gas Station located at 645 Main Street in Middletown, Connecticut. The report includes a pre-demolition hazardous building materials inspection. The inspection was performed to support the demolition of the building.

Please do not hesitate to contact us if you have any questions regarding the contents of this report.

Sincerely,
Eagle Environmental, Inc.

Report Prepared By:
Aaron E. Hatcher
Sr. Environmental Consultant

Report Reviewed By:
Ashis Roychowdhury
Executive Vice President

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EAGLE Environmental, Inc.

- Industrial Hygiene / IAQ
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PRE-DEMOLITION HAZARDOUS BUILDING MATERIALS INSPECTION FOR

FORMER GAS STATION
645 MAIN STREET
MIDDLETOWN, CONNECTICUT

PROVIDED TO

TIGHE AND BOND
213 COURT STREET, SUITE 900
MIDDLETOWN, CONNECTICUT

PROVIDED BY

EAGLE ENVIRONMENTAL, INC.
531 NORTH MAIN STREET
BRISTOL, CONNECTICUT

APRIL 3, 2012

EAGLE PROJECT NO. 12-058.11

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1.0 INTRODUCTION

On March 20 and 21, 2012 Eagle Environmental, Inc. conducted a hazardous materials inspection of the Former Gas Station located at 645 Main Street in Middletown, Connecticut. The scope of the hazardous material inspection included a complete hazardous building materials inspection as well as an assessment of other environmental concerns including the inspection for universal waste products. The inspection was performed to support the demolition of the building.

1.1 Building Description

The subject building is a single-story brick and cinder block structure. The building is approximately 1,880 square feet and was built slab on grade. The building was built in 1930 as a service and gas station. The building's heating and cooling systems consist of both a condemned gas furnace as well as gas-fired hanging heater units. The domestic water supply was provided by exposed un-insulated pipes that were connected to a free standing water tank. The interior walls and ceilings have been demolished. The presents of sheetrock, gypsum board and a two (2) coat plaster system indicate that the walls and ceilings were constructed of these materials. There is a combination of both aluminum framed windows and wood double hung window sashes. The doors consist of aluminum, wood and metal overhead doors with both wood and metal framing. The floors are concrete with ceramic and clay tiles within the pre-existing bathrooms and entrance.

The exterior facades consist of brick and cinder block with metal panel coverings at the "A & D" facades. There are three (3) garage bay door openings. There are two (2) different roofing systems. The original roof is flat and is contained within the building and consists of a built up roofing system on a wood deck. The interior roofing system is directly underneath the exterior roofs bar joist giving a four (4) foot space between the two (2) separate roofs. The exterior roofing system is flat and consists of a built up roof on metal corrugated decking.

2.0 SCOPE OF INSPECTION

2.1 Asbestos Containing Materials

The asbestos inspection was conducted in order to satisfy the USEPA National Emission Standard for Hazardous Air Pollutants Act (NESHAP) as amended November 20, 1990. The USEPA NESHAP final rule requires the identification and removal of all regulated ACM in a building prior to demolition. The interior of the building underwent unwarranted demolition activities prior to inspection.

The asbestos inspection was performed by Aaron E. Hatcher; a State of Connecticut licensed Asbestos Inspectors (license # 000645).

2.2 Lead Based Paint

2.2.1 X-Ray Fluorescence Screen

The lead based paint (LBP) screen was performed in accordance with the requirements of the State of Connecticut, Department of Energy and Environmental Protection (DEEP), Guidance for the Management and Disposal of Lead Contaminated Materials Generated in the Lead Abatement, Renovation and Demolition Industries. The DEEP regulates the disposal of hazardous lead waste in the State of Connecticut. Lead-contaminated debris, not contaminated with other hazardous materials, is classified either as hazardous lead waste or as non-hazardous solid waste.

Additionally the U.S. Department of Labor Occupational Safety and Health Administration (OSHA) regulates lead dust exposure to workers in the construction industry under 29 CFR 1926.62 Lead in Construction.

The lead based paint screen was performed by Hannah Hintz; a State of Connecticut licensed Lead Inspector (license # 002194).

2.2.2 Lead Waste Characterization

The State of Connecticut DEEP regulates the disposal of hazardous waste. The required analytical test to determine a materials waste classification is the Toxicity Characteristic Leachate Procedure, or TCLP (Regulation of State DEP 22a-449© - 101 (a) (1), incorporating 40 CFR 262.24). Eagle Environmental, Inc. collected samples of building materials for lead waste characterization.

2.3 Polychlorinated Biphenyls (PCB) in Caulk

2.3.1 PCB in Caulk

Recently PCB's have been identified by the USEPA as a concern in caulking compounds. The USEPA has identified numerous cases where PCBs have been added to caulk compounds between 1930 and 1977 to improve adhesion and flexibility. The USEPA regulates the removal and disposal of PCB containing caulk as a bulk product, as well as soil and other materials contaminated with PCBs from caulk if the concentrations of PCBs is found to contain greater than 1 part per million (PPM).

The State of Connecticut Department of Energy and Environmental Protection (DEEP) also regulates the disposal of PCB contaminated caulk when levels exceed 1 PPM. Eagle Environmental, Inc. performed PCB in caulk sampling during this inspection.

2.4 Universal Waste Materials and Other Environmental Concerns

2.4.1 PCB and Di-ethylhexlpthalate (DEHP) Containing Items

PCB and DEHP lighting ballasts, electrical equipment including capacitors and switches that contain PCBs are regulated under the Toxic Substances Control Act of 1976 (TSCA) which bans the manufacturing and distribution of PCBs and regulates its disposal and storage.

PCBs and DEHP can be found in a number of items, including lighting ballast and electrical equipment including capacitors and switches. DEHP and PCB-containing items such as these must be managed and disposed of in accordance with special requirements. A visual inspection for PCB and DEHP containing items was performed at the site building.

2.4.2 Mercury Containing Items

Fluorescent lamps, thermostats, mercury switches, manometers, natural gas meters, and other items can contain enough mercury to be classified as a special waste, and may therefore not be disposed of as regular construction debris. The mercury and mercury vapors associated with these products must be reclaimed prior to disposal of the products. A visual inspection for the presence of fluorescent lamps, thermostats and switches potentially containing mercury was performed at the site building.

2.4.3 Used Electronics and Batteries

Used electronics and batteries may contain enough lead, mercury, cadmium or acid electrolytes to be classified as a universal waste. In such cases, they may not be disposed of as regular construction debris. A visual inspection for the presence of used electronic devices was performed at the site building.

2.4.4 Chlorofluorocarbons

Freon gas includes a number of gaseous, colorless chlorofluorocarbons (CFCs) that are commonly used as refrigerants. Freon is listed as a controlled substance by governments around the world. In the United States, the USEPA regulates the emission of Freon gas into the atmosphere due to its ozone depleting capabilities. Through Title VI, Stratospheric Ozone Protection, of the Clean Air Act Amendments of 1990, the USEPA regulates Freon gas and requires mandatory recycling and a ban on the intentional venting or releasing of refrigerants during maintenance, service and or repair. A visual inspection for the presence of building materials potentially containing Freon was performed at the site building.

3.0 INSPECTION PROTOCOLS

3.1 Asbestos-Containing Materials

3.1.1 Inspection

The asbestos-containing materials inspection included the accessible interior and exterior portions of the building including the roofing systems. The building interior underwent demolition activities leaving all of the demolished interior building debris compiled in one (1) centralized location preventing a complete observation of materials that may exist underneath. Semi-destructive testing techniques were utilized during the inspection process. This included manually removing various layers of flooring and roofing materials utilizing hand tools to verify and sample individual layers of suspect ACM. Suspect building materials that are inaccessible for inspection and sampling are assumed to be ACM for the purpose of this report. These suspect materials are generally located in operational equipment, behind rigid walls and below grade materials.

During the inspection, suspect materials are located, sampled, quantified and the friability of the material is determined. Friable materials are those materials that hand pressure can crumble, pulverize or reduce to powder when dry. Estimated quantities of identified ACM's are provided for positive materials only. The materials are quantified in linear or square feet, depending on the nature of the material.

3.1.2 Bulk Sampling

During the sampling process, suspect ACM is separated into three USEPA categories. These categories are: Thermal System Insulation (TSI), Surfacing Materials, and Miscellaneous materials. TSI includes all materials used to prevent heat loss or gain or water condensation on mechanical systems. Examples of TSI are pipe covering, boiler insulation, duct wrap, and mudpack fitting cement. Surfacing ACM includes all ACM that is sprayed, toweled or otherwise applied to an existing surface. These applications are most commonly used in fireproofing, decorative, and acoustical applications. Miscellaneous materials include all ACM not listed in thermal or surfacing, such as linoleum, vinyl asbestos flooring, and ceiling tile.

All bulk sampling methods and number of samples collected meets or exceeds the USEPA pre-demolition requirements.

3.1.3 Bulk Sample Analysis

The samples of the suspect asbestos containing materials are sent to a State of Connecticut Department of Public Health (DPH) approved laboratory for analysis by Polarized Light Microscopy (PLM). PLM is the USEPA accepted method of analysis for identification of asbestos in bulk matrixes. Samples are collected individually or in sets. When sets of samples are collected, each set is systematically analyzed until one sample is determined to contain asbestos. Upon the determination of the presence of asbestos in one sample in the set, analysis of the remaining samples in the set is discontinued. If no asbestos is observed during analysis of the set of samples, the suspect material is determined to be negative for asbestos content.

Sample analysis results are reported in percentage of asbestos and non-asbestos components. The USEPA defines any material that contains greater than one percent asbestos, utilizing PLM, as being asbestos-containing material (ACM). Suspect materials containing greater than one percent (1%) asbestos utilizing the PLM Point Count Method and the NOB TEM method are also considered to be asbestos-containing. Materials determined to contain greater than one percent (1%) asbestos is regulated by the USEPA, the State of Connecticut Department of Public Health and Department of Environmental Protection and the United States Department of Labor. Sample results indicating "no asbestos detected" (NAD) are specified as non-asbestos containing materials. Samples results indicating "Did Not Analyze" (DNA) are not analyzed due to the stop on first positive request to the laboratory.

3.1.3.1 Friable ACM Analysis

Certain samples of friable materials shown to contain less than 10% asbestos are analyzed further by the "Point Count Method". This procedure is recommended by the United States Environmental Protection Agency to confirm friable bulk samples shown to have less than 10% asbestos by PLM to be definitively negative or positive for asbestos. This method is accepted as providing statistically reliable results when analyzing bulk samples with very low asbestos concentrations. Friable materials containing "Trace" or "less than one percent (1%)" asbestos must be analyzed by the PLM Point Count Method.

3.1.3.2 Non-Friable ACM Analysis

Certain samples of non-friable materials shown to contain "less than 1% asbestos", "TRACE" or "NAD" are recommended for analyses by the "NOB TEM ELAP 198.4 Method". This procedure is recommended by the United States Environmental Protection Agency to further evaluate non-friable bulk samples for asbestos. Suspect materials confirmed by NOB TEM to be "less than 1% asbestos", "TRACE" or "NAD" are considered non-asbestos containing.

3.2 Lead-Based Paint

3.2.1 X-Ray Fluorescence Screen

The lead-based paint screen was performed utilizing an X-Ray Fluorescence (XRF) Radiation Monitoring Device (RMD) Lead Paint Analyzer (LPA 1), serial number 1364 within the limits of the inspection area(s). The screen includes only accessible areas within the inspection area(s) and accessible building materials.

The lead-based paint screen includes testing limited components and or surfaces throughout the structure. It is not the intent to test all painted components, but to identify on a broad scale the impact of lead paint as it relates to the disposal of lead paint contaminated debris and potential worker exposure issues. Generally, wall and ceiling surfaces, painted floors, window systems and door systems are tested. Other components such as baseboards, cabinets, columns, trim, etc.

are tested on a limited basis. Component and surface locations are identified by side designations represented by the letters "A", "B", "C", and "D". The "A" side is considered the front of the building with the "B", "C", and "D" side following in a clockwise order.

The data is presented on computer generated Lead Inspection Reports contained in Appendix 3. The Summary Report provides an inventory of each surface coating that contains lead at or above 1.0 mg/cm^2. The Detailed Report is an inventory of each tested surface on a room-by-room basis.

For the purpose of this report, the XRF results are separated into two (2) categories; high levels of lead (>1.0 mg/cm^2) and low levels of lead (<1.0 mg/cm^2). Building materials containing high levels of lead have a greater probability of creating worker exposures during construction than do building materials with low levels of lead. Additionally, lead waste characterization sampling is required for building materials containing high levels of lead (>1.0 mg/cm^2) and will become a waste product as a result of demolition or renovation activities.

The U.S. Department of Labor Occupation Safety and Health Administration (OSHA) regulates lead dust exposure to workers in the construction industry under 29 CRF 1926.62 Lead Exposure in Construction; Interim Final Rule. Currently, OSHA does not define a threshold level of lead in paint that may cause worker exposure. Any detectable level of lead in paint (>0.0 mg/cm2 by XRF or >0.01 % by AAS) requires task specific exposure monitoring.

3.2.2 Lead Waste Characterization

The State of Connecticut Department of Environmental Protection regulates the disposal of hazardous waste. The required analytical test to determine a materials waste classification is the Toxicity Characteristic Leachate Procedure, or TCLP (Regulation of State DEP 22a-449© - 101 (a) (1), incorporating 40 CFR 262.24).

The TCLP test subjects a 100-gram sample of waste material to a simulated landfill leaching condition, and assesses the ability of the sample to leach out lead into the environment. The waste is classified as hazardous lead waste if the TCLP sample result is greater than 5.0 mg/l of lead. The waste is classified as non-hazardous solid waste if the TCLP sample result is less than 5.0 mg/l of lead. Building debris containing equal to or greater than 1.0 mg/cm^2 of lead by XRF requires waste classification analysis.

There are two (2) primary approaches for TCLP sampling. Both methods utilize the data generated during the lead screen to determine which building materials contain lead in paint coatings and what percentage of the waste stream will consist of the leaded materials. The two (2) basic approaches are described below.

Screen, Sample, and Segregate Method

The Screen, Sample, and Segregate method of TCLP sampling is conducted in accordance with the State of Connecticut Department of Environmental Protection Guidance for the Management and Disposal of Lead-Contaminated Materials Generated in the Lead Abatement, Renovation, and Demolition Industries. This method entails screening the building components scheduled to be removed with an XRF lead paint analyzer. Components that are determined to be lead containing are sampled and analyzed by TCLP based on their contribution into the waste stream. The waste stream is made up of those building components that will be removed from the structure as part of the renovation or demolition process. It is very important to accurately identify the waste stream in order for the TCLP sample to be truly representative.

The TCLP sample consists of the building materials that contain lead. The building materials are carefully removed at the site using coring devices or by saw cutting. The building materials are then placed directly into polyethylene zip lock bags for transmission to the laboratory.

Composite Sample and Demolish Method

The Composite Sample and Demolish Method of TCLP sampling is conducted in accordance with the State of Connecticut Department of Environmental Protection Guidance for the Management and Disposal of Lead-Contaminated Materials Generated in the Lead Abatement, Renovation, and Demolition Industries. This method utilizes composite samples to assess the lead content of the entire quantity of debris to be removed. This sampling method is best utilized for whole building demolitions where the quantity of non-lead debris is expected to be much greater than that of the leaded debris. The first step in the sampling process requires the inspector to identify the potential waste stream of the structure to be demolished. The waste stream is made up of those building components that will be disposed of once the structure is demolished. The inspector calculates the mass by weight of each group of building components within the building (i.e. studs, framing, sheathing, siding, doors, windows, etc.). The lead testing results enables the inspector to determine the percentages of components, within each group, that contain lead. With this information, the inspector can than calculate the percent by weight contribution of each components contribution into the waste stream. This takes into account the ratio of leaded components verse non-leaded components within each group.

The actual sampling is performed by collecting samples of each building component. The components are then mixed together in proportion to their percent by weight of the total quantity of debris to be removed.

3.3 Polychlorinated Biphenyls (PCB) in Caulk

3.3.2 PCB in Caulk

Eagle Environmental, Inc. conducted bulk sampling of caulk materials associated with the elevators for PCB analysis. The inspector utilized glass jars to collect the bulk samples in. The collection tools were decontaminated with soap and water and Hexane after each sampling incident. The samples were kept cool in storage cooler on site until the samples were delivered the laboratory.

The samples were extracted using USEPA Soxhlet Extraction Method 3540C and were analyzed using USEPA Method SW846 8082. The samples were analyzed by Con-Test Analytical Laboratory of East Longmeadow, MA.

3.4 Universal Waste Materials and Other Environmental Concerns

A visual inspection for Universal Waste Materials associated with the inspection areas was performed. The Universal Waste Materials included a group of materials (PCB or DEHP containing items, Mercury containing items, Chlorofluorocarbons, used electronics that are sometimes found in building materials or are a component of a building fixture or are stored in a building that is subject to universal waste regulations.

3.4.1 PCB and Di-ethylhexlpthalate (DEHP) Containing Items

A visual inspection for the presence of lighting ballasts and electrical equipment potentially containing PCB's or DEHP was performed within the inspection areas. Lighting ballasts and oil-filled capacitor manufactured after 1979 may have "NO PCB's" stamped on its casing. These are filled with oil which does not contain PCB's but may contain DEHP. Capacitors with date

stamps prior to 1979 or no date stamps are assumed to contain PCB's. Lighting ballasts labeled as "No PCB's" are assumed to contain DEHP if the date stamp is illegible or non-existent. Electronic ballasts are not assumed to contain PCB's or DEHP.

3.4.2 Mercury Containing Items

During the inspection process fluorescent, metal halide and sodium lamps are assumed to contain mercury vapors unless the end caps of the tubes are green indicating they are mercury free. Thermostatic controls, switches, manometers, capacitors and other used electronic components are inventoried during the inspection process.

3.4.3 Used Electronics and Batteries

An inventory of used electronics that may fall under the Universal Waste regulations was developed during the inspection. These materials include but are not limited to lead acid batteries in emergency lighting and exit signs and stored electronic equipment that may contain hazardous or regulated substances.

3.4.4 Chlorofluorocarbons

Eagle Environmental inspected the building for compressor tanks associated with water fountains, portable air conditioning units, the indoor environmental cooling system and walk-in coolers or freezers. These tanks are all assumed to contain Freon.

4.0 INSPECTION RESULTS

4.1 Asbestos-Containing Materials

During the course of the building inspection sixty-nine (69) bulk samples of suspect ACM were collected and fifty-nine (59) samples were analyzed by PLM based on the "stop on first positive" request to the laboratory. Additionally there was one (1) sample analyzed by the NOB TEM Method.

The interior built up roofing materials along with the roof edge flashing cement was confirmed to be asbestos containing materials (ACM). These materials are classified as non-friable miscellaneous materials. The built up roofing materials were identified in both the demolishing debris as well as suspended. The edge flashing cement remains along the original roof edge on the brick and cinder block walls as well as within the debris pile. The asbestos containing roofing materials are mixed in with the non-asbestos building materials. Building materials that are porous and can not be decontaminated must be disposed of as asbestos containing waste.

The yellow caulk on the block and gypsum board wall was confirmed to be ACM. This material was identified in Area 1 between the overhead door and entrance door. The caulk is classified as a non-friable miscellaneous material.

The aluminum window header gray caulk and window glazing compound was confirmed to be (ACM). These materials are classified as non-friable miscellaneous materials.

The exterior roof silver paint was confirmed to (ACM). The paint is classified as non-friable surfacing material. This top coat silver paint is in direct contact with the non-asbestos built up roofing and edge flashing cement. These materials should also be removed and disposed of as asbestos containing waste down to the fiberboard insulation, which is not in contact with the silver paint.

The summaries of asbestos and non-asbestos materials are presented in Tables I and II respectively. The asbestos analysis laboratory reports are provided in Appendix 2.

The NOB TEM analyses confirmed the ceramic floor tile thin-set to be non-asbestos.

Any suspect material not specifically identified in this report as non-ACM should be assumed to contain asbestos unless sample results prove otherwise.

All regulated friable and regulated non-friable ACM must be removed prior to demolition activities. A State of Connecticut Licensed Asbestos Abatement Contractor must be retained to perform the removal work. Visual inspections must be performed within each abatement area at the completion of the abatement work. The visual inspections must be performed by a State of Connecticut licensed Asbestos Project Monitor. The abatement areas must meet final visual inspection criteria prior to building demolition. Re-occupancy air monitoring will only be required if the building will be re-entered by any person following abatement and prior to demolition. This includes but is not limited to entry for utility disconnects, salvage, equipment removal, etc.

The Asbestos Abatement Contractor must submit a notice of asbestos abatement to the State of Connecticut Department of Public Health post marked or hand delivered ten (10) days prior to the commencement of any asbestos abatement activities involving the abatement of greater than ten (10) linear feet or twenty-five (25) square feet of asbestos-containing materials. The asbestos abatement notification satisfies the DPH regulatory requirements for demolition notification. For asbestos abatement projects involving less than ten (10) linear feet or twenty-five (25) square feet of asbestos-containing materials or projects where no regulated asbestos-containing materials are identified, the facility owner or any person who will be conducting demolition must submit a demolition notification to the State of Connecticut Department of Public Health post marked or hand delivered ten (10) days prior to the commencement of demolition activities.

4.2 Lead-Based Paint

4.2.1 X-Ray Fluorescence Screen

A total of sixty-seven (67) XRF readings were collected during the lead-based paint screen of the building with fifteen (15) readings exceeding 1.0 mg/cm^2. The lead-based paint screen identified a limited quantity of components or surfaces that contain high levels of lead in paint coatings. High levels of lead were mainly identified on structural brick and block. Limited readings identified high levels of lead in ceramic tiled wall glazing and painted plaster.

Additionally, several building materials including structural brick, block, metal and wood door components were determined to contain low levels of lead in paint. Although these levels of lead in paint were less than 1.0 mg/cm^2, the contractor must perform an exposure assessment on employees during tasks that disturb the painted materials.

The remaining like components and surfaces that were tested contain no lead in their respective paint coatings.

A complete inventory of tested building materials is presented in Detailed Reports contained Appendix 3.

4.2.2 Lead Waste Characterization Results

A total of three (3) TCLP samples were collected for waste characterization purposes. Each TCLP was performed to accommodate the three (3) primary waste streams that will be generated during the demolition of the building; the waste consist of painted masonry, glazed ceramic tiles and general building materials (plaster, sheetrock, wood and roofing materials).

The result of the TCLP sample representative of the ceramic tile waste stream was 0.26 mg/L characterizing the ceramic waste as non-hazardous solid waste.

The result of the TCLP sample representative of the wood waste stream was 0.022 mg/L characterizing the composited waste as non-hazardous solid waste.

The result of the TCLP sample representative of the masonry waste stream was 0.11 mg/L characterizing the masonry containing lead paint as non-hazardous solid waste.

The TCLP laboratory reports and computation tables are provided in Appendix 4.

The waste characterization sampling and analysis confirmed that no hazardous lead waste will be generated as a result of demolition activities. The waste generated during demolition of the buildings may be disposed of as non-hazardous solid waste. Metal components may be recycled at an approved recycling facility.

4.3 PCB in Caulk

A total of four (4) caulk samples were collected for PCB analysis. Samples of caulk were collected from the exterior metal panel seams and aluminum window header and interior cinder block seams.

When samples of caulking materials exceed 1 PPM additional sampling of source materials (caulk) and adjacent substrates are warranted. These substrates may consist of, but limited to brick, mortar, cinderblock and any other building material that comes into contact with the identified PCB containing caulk. The substrate sampling is warranted to determine if the PCB from the "source materials" have migrated into the adjacent "substrate" materials. Soil/concrete walkway sampling must also be performed when exterior caulk samples exceed 1 PPM. These samples are required to evaluate the grounds surrounding the building for PCB contamination. PCB's in excess of 1 PPM were identified in all four (4) caulk samples. PCB's in excess of 50 PPM were identified in the exterior metal panel seam caulk as well as the interior cinder block seam caulk. The presence of PCB's in source materials exceeding 50 PPM will require the development of a remediation plan to be developed. This plan may require approval of USEPA.

The laboratory reports are provided in Appendix 5.

4.4 Universal Waste Materials and Other Environmental Concerns

4.4.1 PCB and Di-ethylhexlpthalate (DEHP) Containing Items

One (1) PCB containing lighting ballast was present within the inspection site. The ballast must be removed for proper recycling/incineration prior to demolition of the building.

Three (3) capacitors potentially containing dielectric fluid were identified within the inspection site. The capacitors must be removed for proper recycling prior to building demolition.

The associated inspection data is provided in Table III.

4.4.2 Mercury Containing Items

A total of approximately three hundred forty-eight (348) linear feet of fluorescent light tubes, two (2) round bulbs and one (1) mercury containing thermostat were present within the inspection site. The fluorescent light tubes and thermostat must be removed from the building for proper recycling prior to building demolition.

The associated inspection data is provided in Table III.

4.4.3 Used Electronics and Batteries

Two (2) halogen lights containing lead-acid batteries were present within the inspection site.

The associated inspection data is provided in Table III.

4.4.4 Chlorofluorocarbons

One (1) portable Air conditioning unit containing one (1) liter Freon tanks was identified within the inspection site. The Freon must be reclaimed from the tanks prior to building demolition.

The associated inspection data is provided in Table III.

5.0 COST ESTIMATES

This is a budgetary opinion of cost that is expected to be within -15 to + 30 percent of the actual cost. Eagle Environmental, Inc. has no control over the cost of labor, materials, equipment or services furnished by others, or over the Contractor or Contractors' methods of determining prices, or over competitive bidding or market conditions. Eagle Environmental, Inc.'s opinion of probable cost of abatement are made on the basis of Eagle Environmental, Inc.'s experience and qualifications and represent Eagle Environmental, Inc.'s judgment as an experienced and qualified consultant familiar with the abatement industry; but Eagle Environmental, Inc. cannot and does not guarantee that proposals, bids or actual Total Project or Abatement Cost will not vary from opinions of probable cost prepared by Eagle Environmental, Inc. If, prior to the bidding or negotiating phase, the Owner wishes greater assurance as to Total Project or Abatement Cost, the Owner shall employ an independent cost estimator.

The cost estimates are provided in Appendix 6.

TABLE I
ASBESTOS-CONTAINING MATERIALS SUMMARY TABLE

TABLE I
ASBESTOS CONTAINING MATERIALS
SUMMARY TABLE
FORMER GAS STATION
645 MAIN STREET
MIDDLETOWN, CONNECTICUT

LOCATION(S)	MATERIAL TYPE	SAMPLE NUMBER	CLASS	BULK SAMPLE ANALYSIS RESULTS				QUANTITY	F/NF
				PLM	PLM PC	TEM NOB	ACM		
Area 1	Interior roof : built up roofing remaining suspended	3-20-AH-24	MISC	8% Chrys			YES	200 SF	NF
		3-20-AH-25		DNA					
Area 1	Interior roof : built up roofing mixed with demolished building materials	3-20-AH-24	MISC	8% Chrys			YES	600 SF	NF
		3-20-AH-25		DNA					
Area 1	Interior edge flashing cement in debris	3-20-AH-26	MISC	14% Chrys			YES	200 SF	NF
		3-20-AH-27		DNA					
Area 1	Interior edge flashing on wall	3-20-AH-26	MISC	14% Chrys			YES	200 SF	NF
		3-20-AH-27		DNA					
Area 1	Yellow caulk on block wall and gypsum board wall	3-20-AH-30	MISC	5% Chrys			YES	15 LF	NF
		3-20-AH-31		DNA					
Façade A, D	Grey caulk at window header and facade panel junction	3-20-AH-55	MISC	3% Chrys			YES	25 LF	NF
		3-20-AH-56		DNA					
Façade A, D	Aluminum window glazing compound	3-20-AH-57	MISC	Not Submitted			YES	6 windows at 4'x7' Ea	NF
		3-20-AH-58		3% Chrys					
Roof	Top coat silver paint on built up roof*	3-21-AH-61	SURF	4% Chrys			YES	3, 300 SF	NF
		3-21-AH-62		DNA					
		3-21-AH-63		DNA					
Area 1	Flooring under debris (assumed to exist)	Assumed	MISC	Assumed			Assumed	200 SF	NF

KEY

DNA = DID NOT ANALYZE
NAD=NO ASBESTOS DETECTED
F = FRIABLE
NF = NON-FRIABLE
TSI = THERMAL SYSTEMS INSULATION
SURF = SURFACING MATERIAL
MISC = MISCELLANEOUS MATERIAL

SF = SQUARE FEET
LF = LINEAR FEET
Chrys = Chrysotile
Amos = Amosite
Anth = Anthophylite
Trem =Tremolite
Croc=Crocidolite

ANALYTICAL METHODS

PLM PC=EPA 600/R-93/116 QUANTITATION 400 POINT COUNT
TEM NOB = NEW YORK ELAP 198.4 METHOD
PLM=EPA 600/R-93/116
PS=Previously Sampled

BOLD TEXT IN "LOCATION" COLUMN INDICATES SAMPLE LOCATION

NOTE = (*) THIS MATERIAL IS IN DIRECT CONTACT WITH AND INSEPERABLE FROM THE FOLLOWING AFFIXING MATERIALS: BLACK FLASHING AT ROOF EDGE, 2-PLY BUILT-UP ROOFING AND TAR ON CORRUGATED METAL DECK. ALL OF THESE MATERIALS NEED TO BE DISPOSED OF AS ASBESTOS-CONTAMINATED WASTE.

TABLE II
NON ASBESTOS-CONTAINING MATERIALS SUMMARY TABLE

TABLE II
NON - ASBESTOS CONTAINING MATERIALS
SUMMARY TABLE
FORMER GAS STATION
645 MAIN STREET
MIDDLETOWN, CONNECTICUT

LOCATION(S)	MATERIAL TYPE	SAMPLE NUMBER	CLASS	BULK SAMPLE ANALYSIS RESULTS			
				PLM	PLM PC	TEM NOB	ACM
Area 1	Ceiling rough coat plaster on metal	3-20-AH-01	SURF	NAD			NO
		3-20-AH-02		NAD			
		3-20-AH-03		NAD			
Area 1	Ceiling skim coat plaster on metal	3-20-AH-04	SURF	NAD			NO
		3-20-AH-05		NAD			
		3-20-AH-06		NAD			
Area 1	Rough coat plaster on remaining brick wall	3-20-AH-07	SURF	NAD			NO
		3-20-AH-08		NAD			
		3-20-AH-09		NAD			
Area 1	Gypsum board	3-20-AH-10	MISC	NAD			NO
		3-20-AH-11		NAD			
Area 1	Wall panel adhesive on gypsum board and sheetrock	3-20-AH-12	MISC	NAD			NO
		3-20-AH-13		NAD			
Area 1	Ceramic baseboard yellow adhesive	3-20-AH-14	MISC	NAD			NO
		3-20-AH-15		NAD			
Area 1	Sheetrock (no joint compound)	3-20-AH-16	MISC	NAD			NO
		3-20-AH-17		NAD			
Area 1	Interior brick wall dark grey mortar	3-20-AH-18	MISC	NAD			NO
		3-20-AH-19		NAD			
Area 1	Interior white brick	3-20-AH-20	MISC	NAD			NO
		3-20-AH-21		NAD			
Area 1	Ceramic floor tile thinset	3-20-AH-22	MISC	<1% Chrys		NAD	NO
		3-20-AH-23		<1% Chrys			
Area 1	Safe interior block insulation	3-20-AH-28	MISC	NAD			NO
		3-20-AH-29		NAD			
Area 2	2'x4' hole and fissure acoustic ceiling tile (stored)	3-20-AH-32	MISC	NAD			NO
		3-20-AH-33		NAD			
Area 2	Thin white caulk on cinder block seams at "C" wall	3-20-AH-34	MISC	NAD			NO
		3-20-AH-35		NAD			

KEY		ANALYTICAL METHODS
DNA = DID NOT ANALYZE NAD=NO ASBESTOS DETECTED F = FRIABLE NF = NON-FRIABLE TSI = THERMAL SYSTEMS INSULATION SURF = SURFACING MATERIAL MISC = MISCELLANEOUS MATERIAL	SF = SQUARE FEET LF = LINEAR FEET Chrys = Chrysotile Amos = Amosite Anth = Anthophylite Trem =Tremolite Croc=Crocidolite	PLM PC=EPA 600/R-93/116 QUANTITATION 400 POINT COUNT TEM NOB = NEW YORK ELAP 198.4 METHOD PLM=EPA 600/R-93/116 PS=Previously Sampled

BOLD TEXT IN "LOCATION" COLUMN INDICATES SAMPLE LOCATION

TABLE II
NON - ASBESTOS CONTAINING MATERIALS
SUMMARY TABLE
FORMER GAS STATION
645 MAIN STREET
MIDDLETOWN, CONNECTICUT

LOCATION(S)	MATERIAL TYPE	SAMPLE NUMBER	CLASS	BULK SAMPLE ANALYSIS RESULTS			
				PLM	PLM PC	TEM NOB	ACM
Area 3, 4	Textured ceiling paint	3-20-AH-36	SURF	NAD			NO
		3-20-AH-37		NAD			
		3-20-AH-38		NAD			
Area 3, 4	Thick skim coat plaster	3-20-AH-39	MISC	NAD			NO
		3-20-AH-40		NAD			
	Thick skim coat plaster at ceiling	3-20-AH-41		NAD			
Area 3, 4	Rough coat plaster	3-20-AH-42	MISC	NAD			NO
		3-20-AH-43		NAD			
	Rough coat plaster behind ceramic	3-20-AH-44		NAD			
Area 3, Façade D	Wood window glazing compound	3-20-AH-45	MISC	NAD			NO
		3-20-AH-46		NAD			
Area 3, 4	Small square pattern ceramic floor tile thinset	3-20-AH-47	MISC	NAD			NO
		3-20-AH-48		NAD			
Façade A, D	Cementitious mortar at window sill	3-20-AH-51	MISC	NAD			NO
		3-20-AH-52		Insufficent Materials			
Façade A, D	White caulk between façade metal panels	3-20-AH-53	MISC	NAD			NO
		3-20-AH-54		NAD			
Facade D	Tan caulk under wood door casing	3-20-AH-59	MISC	NAD			NO
		3-20-AH-60		NAD			
Exterior Roof*	Black flashing at roof edge	3-21-AH-64	MISC	NAD			NO
		3-21-AH-65		NAD			
Exterior Roof*	2 ply built up roofing on fiberboard insulation	3-21-AH-66	MISC	NAD			NO
		3-21-AH-67		NAD			
Exterior Roof*	Tar on corrugated metal deck	3-21-AH-68	MISC	NAD			NO
		3-21-AH-69		NAD			

KEY		ANALYTICAL METHODS
DNA = DID NOT ANALYZE	SF = SQUARE FEET	PLM PC=EPA 600/R-93/116 QUANTITATION 400 POINT COUNT
NAD=NO ASBESTOS DETECTED	LF = LINEAR FEET	TEM NOB = NEW YORK ELAP 198.4 METHOD
F = FRIABLE	Chrys = Chrysotile	PLM=EPA 600/R-93/116
NF = NON-FRIABLE	Amos = Amosite	PS=Previously Sampled
TSI = THERMAL SYSTEMS INSULATION	Anth = Anthophylite	
SURF = SURFACING MATERIAL	Trem =Tremolite	
MISC = MISCELLANEOUS MATERIAL	Croc=Crocidolite	

BOLD TEXT IN "LOCATION" COLUMN INDICATES SAMPLE LOCATION

NOTE: (*) MATERIALS THAT ARE IN DIRECT CONTACT WITH ASBESTOS CONTAINING SILVER PAINT. THESE MATERIALS MUST BE REMOVED AS CONTAMINATED WASTE.

TABLE III
UNIVERSAL WASTE MATERIALS SUMMARY TABLE

TABLE III
UNIVERSAL WASTE PRODUCTS
SUMMARY TABLE
FORMER GAS STATION
645 MAIN STREET
MIDDLETOWN, CONNECTICUT

ROOM	FIXTURE TYPE	BALLAST TYPE			ELECTRONICS			THERMOSTATS	LAMPS			BATTERIES
		PCB	DEHP	ELEC.	SPENT	CAPACITOR	CFC's		LF	ROUND	U SHAPE	
Area 1							1 at AC Unit					
Area 2	30	1		34		1		1	348			
Area 3	NONE											
Area 4	NONE											
Exterior	Façade "A"					1 Halogen light				1		1 Halogen Light
Exterior	Façade "B"					1 Halogen light				1		1 Halogen Light
TOTAL		1		34		1	1	1	348	2		2

NOTES

FIXTURE TYPE DESCRIPTION	466-L-SLH-TCP = 20 Ballasts
	Magnetek Light Ballasts: B432I120RH 4 Ft doubles (electric) 8 Ballasts
	Advance Ballasts: R2E75-S-3-TP: 8 Ft (electric) 6 Ballasts
	Advance Ballasts: RT-1740-TP: 4 ft (PCB) 1 Ballast

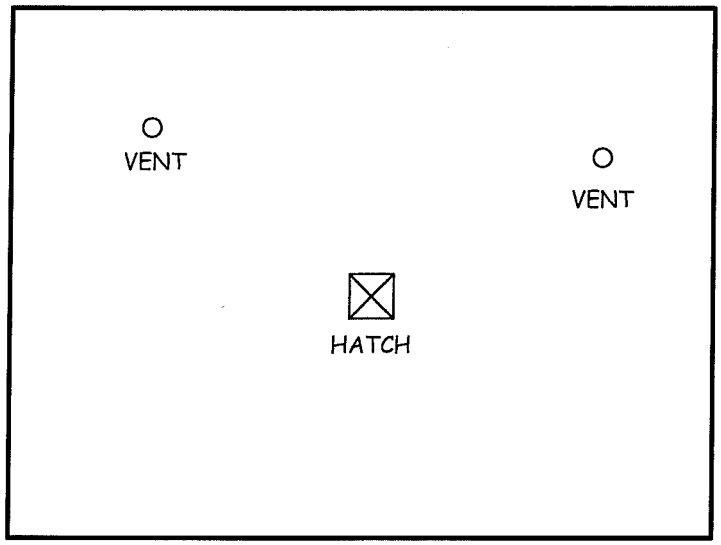
TABLE IV
PCB SUMMARY TABLE

TABLE IV
PCB CONTAINING SOURCE MATERIALS
SUMMARY TABLE
FORMER GAS STATION
645 MAIN STREET
MIDDLETOWN, CONNECTICUT

SAMPLE DATE	SAMPLE #	SAMPLE LOCATION	SAMPLE DESCRIPTION	RESULT (PPM)		
				ND/ <1 PPM	>1 PPM - <50 PPM	>50 PPM
SOURCE SAMPLES						
3-20-2012	EMPSCS-01	Façade A	Metal façade panel caulk			30,000
3-20-2012	EMPSCS-02	Façade D	Metal façade panel caulk			42,000
3-20-2012	EWHCS-03	Façade A	Window header caulk		2	
3-20-2012	ICMUCS-04	Area 2	Cinder block caulk			870
KEY			ANALYTICAL METHOD			
ND = NONE DETECTED			SOXHLET EXTRACTION 8082 (Reporting Limit = <1PPM)			

APPENDIX 1
FLOOR PLANS AND ROOF PLANS

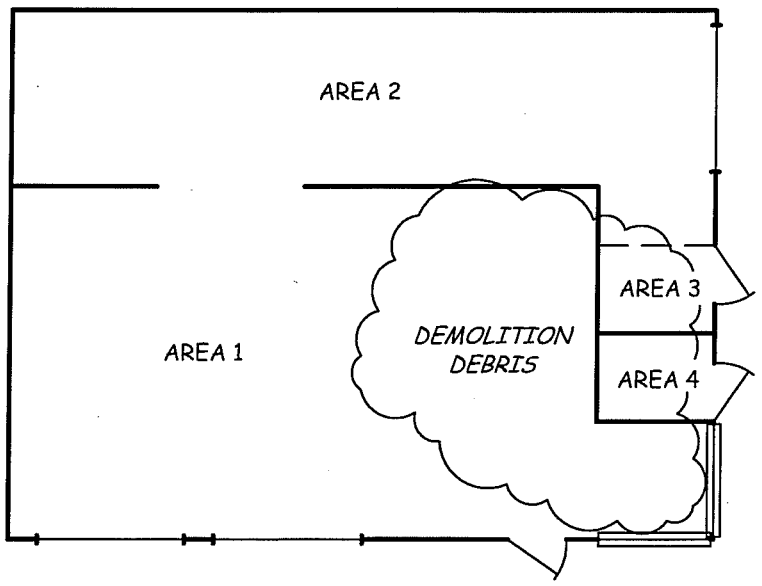
SIDE-C



ROOF PLAN

SIDE-B

SIDE-D



FIRST FLOOR PLAN

NOT TO SCALE

SIDE-A (STREET SIDE)

EAGLE Environmental, Inc.

531 NORTH MAIN STREET
BRISTOL, CONNECTICUT 06010
860-589-8257

SHEET NO.
FP-1
SHEET 1 OF 1

DATE: 4/3/12
PROJECT NO.: 12-058.11
DRAWN BY: MR
REVIEWED BY: AR

HAZARDOUS BUILDING MATERIALS INSPECTION
645 MAIN STREET, MIDDLETOWN, CONNECTICUT
FLOOR AND ROOF PLANS

FILE NAME: P:\2012 Files\2012 AutoCad\LAMPP\645 Main.Middletown\INSPECTION\CAD\645 Main.Middletown.Floor Plans.dwg

APPENDIX 2
ASBESTOS BULK SAMPLE LABORATORY REPORTS

1208759

L – MA
titution Way, Ste 107
MA 01801
411
412 Fax

EMSL – CT
4 Fairfield Blvd.
Wallingford, CT 06492
(203) 284-5948
(203) 284-5978 Fax

EMSL – NY
307 West 38th Street
New York, NY 10018
(866) 448-3675
(212) 290-0058 Fax

EMSL – NJ
107 Haddon Avenue
Westmont, NJ 08108
(800) 220-3675
(856) 858-4960 Fax

	drandy LeBlanc			**Project Manager:**	AR
	Eagle Environmental, Inc.				
	531 North Main Street				
e/Zip:	Bristol, CT 06010				
ne:	860-589-8257 ext. 203	**Fax:**	860-585-7034	**Email:**	halasa@eagleenviro.com,bleblanc@eagleenviro.com jlamattina@eagleenviro.com
Project Name	Haz Inspection- Tighe & Bond			**Project #:**	12-058.11
Project Location:	645 Main St, Middletown			**Project State (US):**	CT

TURNAROUND TIME

☐ 3 Hours	☐ 6 Hours	☐ 24 Hours	☐ 48 Hours	☒ 72 Hours	☐ 4 Days	☐ 5 Days	☐ 6-10 Days

SAMPLE MATRIX

☐ Air	☒ Bulk	☐ Soil	☐ Wipe	☐ Micro-Vac	☐ Drinking Water	☐ Wastewater	☐ Chips	☐ Other

ASBESTOS ANALYSIS

PCM - Air
- ☐ NIOSH 7400 (A) Issue 2: August 1994
- ☐ OSHA w/TWA

TEM AIR
- ☐ AHERA 40 CFR, Part 763 Subpart E
- ☐ NIOSH 7402 Issue 2
- ☐ EPA Level II

PLM - Bulk
- ☒ EPA 600/R-93/116 (A)
- ☐ NY Stratified Point Count
- ☐ California Air Resource Board (CARB) 435
- ☐ NIOSH 9002
- ☐ PLM NOB (Gravimetric) NYS 198.1
- ☐ EPA Point Count (400 Points)
- ☐ EPA Point Count (1,000 Points)
- ☐ Standard Addition Point Count

SOILS
- ☐ EPA Protocol Qualitative
- ☐ EPA Protocol Quantitative
- ☐ EMSL MSD 9000 Method fibers/gram
- ☐ Superfund EPA 540-R097-028 (dust generation)

TEM BULK
- ☐ Drop Mount (Qualitative)
- ☐ Chatfield SOP-1988-02
- ☐ TEM NOB (Gravimetric) NY 198.4

TEM MICROVAC
- ☐ ASTM D 5755-95 (Quantitative)

TEM WIPE
- ☐ ASTM D-6480-99
- ☐ Qualitative ☐

TEM WATER
- ☐ EPA 100.1
- ☐ EPA 100.2
- ☐ NYS 198.2
- ☐ Other:_____

LEAD ANALYSIS

Flame Atomic Absorption
- ☐ Wipe, SW846-7420 ☐ ASTM ☐ non ASTM
- ☐ Soil, SW846-7420
- ☐ Air, NIOSH 7082
- ☐ Chips, SW846-7420 or AOAC 5.009 (974.02)
- ☐ Wastewater, SW 846-7420
- ☐ TCLP LEAD SW846-1311/7420

Graphite Furnace Atomic Absorption
- ☐ Air, NIOSH 7105
- ☐ Wastewater, SW846-7421
- ☐ Soil, SW846-7421
- ☐ Drinking Water, EPA 239.2

ICP – Inductively Coupled Plasma
- ☐ Wipe, SW846-6010 ☐ ASTM ☐ non ASTM
- ☐ Soil, SW846-6010
- ☐ Air, NIOSH 7300

MATERIALS ANALYSIS

- ☐ Full Particle Identification
- ☐ Optical Particle Identification
- ☐ Dust Mites and Insect Fragments
- ☐ Particle Size & Distribution
- ☐ Product Comparison
- ☐ Paint Characterizaton
- ☐ Failure Analysis
- ☐ Corrosion Analysis
- ☐ Glove Box Containment Study
- ☐ Petrographic Examination of Concrete
- ☐ Portland Cement in Workplace Atmospheres (OSHA ID-143)
- ☐ Man Made Vitrous Fibers – MMVF's
- ☐ Synthetic Fiber Identification
- ☐ Other:_____

MICROBIAL ANALYSIS

Air Samples
- ☐ Mold & Fungi by Air O Cell
- ☐ Mold & Fungi by Agar Plate count & id
- ☐ Bacterial Count and Gram Stain
- ☐ Bacterial Count and Identification

Water Samples
- ☐ Total Coliforms, Fecal Coliforms
- ☐ Escherichia Coli, Fecal Streptococcus
- ☐ Legionella
- ☐ Salmonella
- ☐ Giardia and Cryptosporidium

Wipe and Bulk Samples
- ☐ Mold & Fungi – Direct Examination
- ☐ Mold & Fungi – (Culture follow up to direct examination if necessary)
- ☐ Mold & Fungi – Culture (Count & ID)
- ☐ Mold & Fungi – Culture (Count only)
- ☐ Bacterial Count & Gram Stain
- ☐ Bacterial Count & Identification (3 most prominent types)
- ☐ Other:_____

IAQ ANALYSIS

- ☐ Nuisance Dust (NIOSH 0500 & 0600)
- ☐ Airborne Dust (PM10, TSP)
- ☐ Silica Analysis by XRD ☐ Niosh 7500
- ☐ HVAC Efficiency
- ☐ Carbon Black
- ☐ Airborne Oil Mist
- ☐ Other:_____

MANHATTAN LAB RECEIVED MAR 23 AM 9:20

Additional Information/Comments/Instructions: ****PLEASE STOP ON 1ST POSITIVE WITHIN SETS**

Client Sample # (S)	3/20 AH 01	3/21 AH 69		**TOTAL SAMPLE #**	69
Relinquished:	Amanda Catalina	**Date:**	Mar 24 2012	**Time:**	3:15 pm
Received:		**Date:**		**Time:**	
Relinquished:		**Date:**		**Time:**	
Received:	Standard	**Date:**	3/23	**Time:**	

EMSL
www.emsl.com

EMSL – MA
7 Constitution Way, Ste 107
Woburn, MA 01801
(781) 933-8411
(781) 933-8412 Fax

EMSL – CT
4 Fairfield Blvd.
Wallingford, CT 06492
(203) 284-5948
(203) 284-5978 Fax

EMSL – NY
307 West 38th Street
New York, NY 10018
(866) 448-3675
(212) 290-0058 Fax

EMSL – NJ
107 Haddon Avenue
Westmont, NJ 08108
(800) 220-3675
(856) 858-4960 Fax

SAMPLE NUMBER	SAMPLE DESCRIPTION	LOCATION	VOLUME Air (L)	Area (Inches sq.)
3-20-AH-01	Ceiling rough coat plaster on metal	Area 1		NAD
3-20-AH-02	Ceiling rough coat plaster on metal	Area 1		
3-20-AH-03	Ceiling rough coat plaster on metal	Area 1		
3-20-AH-04	Ceiling skim coat plaster on metal	Area 1		
3-20-AH-05	Ceiling skim coat plaster on metal	Area 1		
3-20-AH-06	Ceiling skim coat plaster on metal	Area 1		
3-20-AH-07	Rough coat plastr on remaing brick wall	Area 1		
3-20-AH-08	Rough coat plastr on remaing brick wall	Area 1		
3-20-AH-09	Rough coat plastr on remaing brick wall	Area 1		
3-20-AH-10	Gypsum board	Area 1		
3-20-AH-11	Gypsum board	Area 1		
3-20-AH-12	Wall panel adhesive on gypsum & S/R	Area 1		
3-20-AH-13	Wall panel adhesive on gypsum & S/R	Area 1		
3-20-AH-14	Ceramic baseboard yellow adhesive	Area 1		
3-20-AH-15	Ceramic baseboard yellow adhesive	Area 1		
3-20-AH-16	S/R no J/C	Area 1		
3-20-AH-17	S/R no J/C	Area 1		
3-20-AH-18	Int. brick wall dark grey mortar	Area 1		
3-20-AH-19	Int. brick wall dark grey mortar	Area 1		
3-20-AH-20	Interior white brick	Area 1		
3-20-AH-21	Interior white brick	Area 1		
3-20-AH-22	Ceramic floor tile thinset	Area 1		1% Chrys
3-20-AH-23	Ceramic floor tile thinset	Area 1		<1% Chrys
3-20-AH-24	Interior roof built up roofing	Area 1		8% Chrys
3-20-AH-25	Interior roof built up roofing	Area 1		DNA

Set

Set

Set

Set

Set

Set

Set

Set

Set

EMSL MANHATTAN LAB
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2012 MAR 23 AM 9:

(8)

208759

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SAMPLE NUMBER	SAMPLE DESCRIPTION	LOCATION	VOLUME Air (L)	Area (Inches sq.)
3-20-AH-26	Int. edge flashing on cement in debris	Area 1		14% chrys
3-20-AH-27	Int. edge flashing on wall	Area 1		DNA
3-20-AH-28	Safe interior block insulation	Area 1		NAD
3-20-AH-29	Safe interior block insulation	Area 1		↓
3-20-AH-30	Yell caulk on block wall&gypboard wall	Area 1		5% chrys
3-20-AH-31	Yell caulk on block wall&gypboard wall	Area 1		DNA
3-20-AH-32	2x4 hole&fissure ACT stored	Area 2		NAD
3-20-AH-33	2x4 hole&fissure ACT stored	Area 2		
3-20-AH-34	Thin white caulk on CMU seams C wall	Area 2		
3-20-AH-35	Thin white caulk on CMU seams C wall	Area 2		
3-20-AH-36	Textured ceiling paint	Area 3		
3-20-AH-37	Textured ceiling paint	Area 3		
3-20-AH-38	Textured ceiling paint	Area 4		
3-20-AH-39	Thick skim coat plaster	Area 3		
3-20-AH-40	Thick skim coat plaster	Area 3		
3-20-AH-41	Thick skim coat plaster @ ceiling	Area 4		
3-20-AH-42	Rough plaster coat	Area 3		
3-20-AH-43	Rough plaster coat	Area 3		
3-20-AH-44	Rough plaster coat behind ceramic	Area 4		
3-20-AH-45	Wood window glazing compound	Area 3		
3-20-AH-46	Wood window glazing compound	Fac D		
3-20-AH-47	Small sq patter cermaic FT thinset	Area 3		
3-20-AH-48	Small sq patter cermaic FT thinset	Area 4		
3-20-AH-49	Grey silicon caulk (Omitt)	Fac A		Omitted
3-20-AH-50	Grey silicon caulk (Omitt)	Fac D		Omitted

(8)

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Westmont, NJ 08108
(800) 220-3675
(856) 858-4960 Fax

SAMPLE NUMBER	SAMPLE DESCRIPTION	LOCATION	VOLUME Air (L)	Area (Inches sq.)
3-20-AH-51	Cementitious mortar @ window sill	Fac A		NAD
3-20-AH-52	Cementitious mortar @ window sill	Fac D		Insufficient material
3-20-AH-53	White caulk between façade metal panels	Fac A		NAD
3-20-AH-54	White caulk between façade metal panels	Fac D		↓
3-20-AH-55	Grey caulk @ win header&fac panel junct	Fac A		3% Chrys
3-20-AH-56	Grey caulk @ win header&fac panel junct	Fac D		DNA
3-20-AH-57	Aluminum window glazing compound	Fac A		Not submitted
3-20-AH-58	Aluminum window glazing compound	Fac D		3% Chrys
3-20-AH-59	Tan caulk under wood door casing	Fac D		NAD
3-20-AH-60	Tan caulk under wood door casing	Fac D		↓
3-21-AH-61	Top coat silver paint	Roof		4% Chrys
3-21-AH-62	Top coat silver paint	Roof		DNA
3-21-AH-63	Top coat silver paint	Roof		↓
3-21-AH-64	Black flashing at roof edge	Roof		NAD
3-21-AH-65	Black flashing at roof edge	Roof		
3-21-AH-66	2 ply B.U.R. on f.b. insulation	Roof		
3-21-AH-67	2 ply B.U.R. on f.b. insulation	Roof		
3-21-AH-68	Tar on corrugated metal deck	Roof		
3-21-AH-69	Tar on corrugated metal deck	Roof		

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EMSL Analytical, Inc.
307 West 38th Street, New York, NY 10018
Phone/Fax: (212) 290-0051 / (212) 290-0058
http://www.emsl.com manhattanlab@emsl.com

EMSL Order:	031208759
CustomerID:	EEVM50
CustomerPO:	
ProjectID:	

Attn: **Brandy LeBlanc**
Eagle Environmental, Inc. (CT)
531 North Main St.
Bristol, CT 06010

Phone:	(860) 589-8257
Fax:	(860) 585-7034
Received:	03/23/12 9:20 AM
Analysis Date:	3/26/2012
Collected:	3/20/2012

Project: **12-057.11/ HAZ INSPECTION/ TIGHE & BOND/ 645 MAIN ST./ MIDDLETOWN, CT**

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos			Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous		% Type
3-20-AH-01 *031208759-0001*	CEILING ROUGH COAT PLASTER ON METAL - AREA 1	Tan/White Non-Fibrous Heterogeneous		35% Non-fibrous (other) 45% Quartz 20% Ca Carbonate		**None Detected**
3-20-AH-02 *031208759-0002*	CEILING ROUGH COAT PLASTER ON METAL - AREA 1	Tan/White Non-Fibrous Heterogeneous		40% Non-fibrous (other) 35% Quartz 25% Ca Carbonate		**None Detected**
3-20-AH-03 *031208759-0003*	CEILING ROUGH COAT PLASTER ON METAL - AREA 1	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (other)		**None Detected**
3-20-AH-04 *031208759-0004*	CEILING SKIM COAT PLASTER ON METAL - AREA 1	Brown Non-Fibrous Heterogeneous	3% Cellulose	52% Non-fibrous (other) 45% Quartz		**None Detected**
3-20-AH-05 *031208759-0005*	CEILING SKIM COAT PLASTER ON METAL - AREA 1	Tan Non-Fibrous Heterogeneous	1% Cellulose	54% Non-fibrous (other) 45% Quartz		**None Detected**
3-20-AH-06 *031208759-0006*	CEILING SKIM COAT PLASTER ON METAL - AREA 1	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)		**None Detected**

Analyst(s)

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

			Non-Asbestos			Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous		% Type
3-20-AH-07 *031208759-0007*	ROUGH COAT PLASTER ON REMAINING BRICK WALL - AREA 1	Brown Non-Fibrous Heterogeneous		40% Non-fibrous (other) 60% Quartz		**None Detected**
3-20-AH-08 *031208759-0008*	ROUGH COAT PLASTER ON REMAINING BRICK WALL - AREA 1	Brown/Red Non-Fibrous Heterogeneous		49% Non-fibrous (other) 51% Quartz		**None Detected**
3-20-AH-09 *031208759-0009*	ROUGH COAT PLASTER ON REMAINING BRICK WALL - AREA 1	Brown Non-Fibrous Heterogeneous		100% Non-fibrous (other)		**None Detected**
3-20-AH-10 *031208759-0010*	GYPSUM BOARD - AREA 1	Brown/White Non-Fibrous Heterogeneous	5% Cellulose	35% Non-fibrous (other) 60% Gypsum		**None Detected**
3-20-AH-11 *031208759-0011*	GYPSUM BOARD - AREA 1	Brown/White Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (other)		**None Detected**
3-20-AH-12 *031208759-0012*	WALL PANEL ADHESIVE ON GYPSUM & S/R - AREA 1	Brown Fibrous Heterogeneous	40% Cellulose	60% Non-fibrous (other)		**None Detected**

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			Non-Asbestos			Asbestos
Sample	Description	Appearance	% Fibrous		% Non-Fibrous	% Type
3-20-AH-13 *031208759-0013*	WALL PANEL ADHESIVE ON GYPSUM & S/R - AREA 1	Brown/Gray Non-Fibrous Heterogeneous	5%	Cellulose	95% Non-fibrous (other)	**None Detected**
3-20-AH-14 *031208759-0014*	CERAMIC BASE BAORD YELLOW ASHESIVE - AREA 1	Brown Non-Fibrous Heterogeneous			100% Non-fibrous (other)	**None Detected**
3-20-AH-15 *031208759-0015*	CERAMIC BASE BAORD YELLOW ASHESIVE - AREA 1	Brown/Yellow Non-Fibrous Heterogeneous			100% Non-fibrous (other)	**None Detected**
3-20-AH-16 *031208759-0016*	S/R NO J/C - AREA 1	Brown/Gray Non-Fibrous Heterogeneous	18%	Cellulose	27% Non-fibrous (other) 55% Gypsum	**None Detected**
3-20-AH-17 *031208759-0017*	S/R NO J/C - AREA 1	Gray Non-Fibrous Heterogeneous	3%	Cellulose	97% Non-fibrous (other)	**None Detected**
3-20-AH-18 *031208759-0018*	INT. BRICK WALL DARK MORTAR - AREA 1	Gray Non-Fibrous Heterogeneous	1%	Cellulose	44% Non-fibrous (other) 35% Quartz 20% Ca Carbonate	**None Detected**
3-20-AH-19 *031208759-0019*	INT. BRICK WALL DARK MORTAR - AREA 1	Gray Non-Fibrous Heterogeneous			100% Non-fibrous (other)	**None Detected**

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			Non-Asbestos		Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
3-20-AH-20 *031208759-0020*	INTERIOR WHITE BRICK - AREA 1	Tan/White Non-Fibrous Heterogeneous		90% Non-fibrous (other) 10% Quartz	**None Detected**
3-20-AH-21 *031208759-0021*	INTERIOR WHITE BRICK - AREA 1	Cream Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
3-20-AH-22 *031208759-0022*	CERAMIC FLOOR TILE THINSET - AREA 1	Gray Non-Fibrous Heterogeneous		60% Non-fibrous (other) 40% Quartz	**<1% Chrysotile**
3-20-AH-23 *031208759-0023*	CERAMIC FLOOR TILE THINSET - AREA 1	Gray Non-Fibrous Heterogeneous		60% Non-fibrous (other) 40% Quartz	**<1% Chrysotile**
3-20-AH-24 *031208759-0024*	INTERIOR ROOF BUILT-UP ROOFING - AREA 1	Black Fibrous Heterogeneous	15% Cellulose	77% Non-fibrous (other)	**8% Chrysotile**
3-20-AH-25 *031208759-0025*	INTERIOR ROOF BUILT-UP ROOFING - AREA 1				**Stop Positive (Not Analyzed)**
3-20-AH-26 *031208759-0026*	INT. EDGE FLASHING ON CEMENT IN DEBRIS - AREA 1	Black Non-Fibrous Heterogeneous	5% Cellulose	81% Non-fibrous (other)	**14% Chrysotile**

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Sample	Description	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
3-20-AH-27 *031208759-0027*	INT. EDGE FLASHING ON WALL - AREA 1				**Stop Positive (Not Analyzed)**
3-20-AH-28 *031208759-0028*	SAFE INTERIOR BLOCK INSULATION - AREA 1	White Non-Fibrous Heterogeneous		60% Non-fibrous (other) 20% Gypsum 20% Ca Carbonate	**None Detected**
3-20-AH-29 *031208759-0029*	SAFE INTERIOR BLOCK INSULATION - AREA 1	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
3-20-AH-30 *031208759-0030*	YELLOW CAULK ON BLOCK WALL & GYPSUM BOARD WALL - AREA 1	Yellow Non-Fibrous Heterogeneous		70% Non-fibrous (other) 25% Ca Carbonate	**5% Chrysotile**
3-20-AH-31 *031208759-0031*	YELLOW CAULK ON BLOCK WALL & GYPSUM BOARD WALL - AREA 1				**Stop Positive (Not Analyzed)**
3-20-AH-32 *031208759-0032*	2'X4' HOLE & FISSURE ACT STORED - AREA 2	Brown Fibrous Heterogeneous	45% Cellulose 10% Min. Wool	15% Non-fibrous (other) 30% Perlite	**None Detected**

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			Non-Asbestos		Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
3-20-AH-33 *031208759-0033*	2'X4' HOLE & FISSURE ACT STORED - AREA 2	Gray Fibrous Homogeneous	40% Cellulose 15% Glass	15% Non-fibrous (other) 30% Perlite	**None Detected**
3-20-AH-34 *031208759-0034*	THIN WHITE CAULK ON CMU SEAMS C WALL - AREA 2	Gray/White Non-Fibrous Heterogeneous		80% Non-fibrous (other) 20% Ca Carbonate	**None Detected**
3-20-AH-35 *031208759-0035*	THIN WHITE CAULK ON CMU SEAMS C WALL - AREA 2	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
3-20-AH-36 *031208759-0036*	TEXTURED CEILING PAINT - AREA 3	White Non-Fibrous Heterogeneous		50% Non-fibrous (other) 20% Perlite 30% Ca Carbonate	**None Detected**
3-20-AH-37 *031208759-0037*	TEXTURED CEILING PAINT - AREA 3	Tan Non-Fibrous Heterogeneous		52% Non-fibrous (other) 18% Perlite 30% Ca Carbonate	**None Detected**
3-20-AH-38 *031208759-0038*	TEXTURED CEILING PAINT - AREA 4	White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
3-20-AH-39 *031208759-0039*	THIN SKIM COAT PLASTER - AREA 3	White Non-Fibrous Heterogeneous		50% Non-fibrous (other) 50% Ca Carbonate	**None Detected**

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			Non-Asbestos		Asbestos
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
3-20-AH-40 *031208759-0040*	THIN SKIM COAT PLASTER - AREA 3	White Non-Fibrous Homogeneous		40% Non-fibrous (other) 60% Ca Carbonate	**None Detected**
3-20-AH-41 *031208759-0041*	THICK SKIM COAT PLASTER @ CEILING - AREA 4	Tan/White Non-Fibrous Heterogeneous		40% Non-fibrous (other) 60% Ca Carbonate	**None Detected**
3-20-AH-42 *031208759-0042*	ROUGH PLASTER COAT - AREA 3	Brown Non-Fibrous Heterogeneous		55% Non-fibrous (other) 45% Quartz	**None Detected**
3-20-AH-43 *031208759-0043*	ROUGH PLASTER COAT - AREA 3	Brown Non-Fibrous Heterogeneous	2% Cellulose	58% Non-fibrous (other) 40% Quartz	**None Detected**
3-20-AH-44 *031208759-0044*	ROUGH PLASTER COAT BEHIND CERAMIC - AREA 4	Brown Non-Fibrous Heterogeneous	2% Cellulose	53% Non-fibrous (other) 45% Quartz	**None Detected**
3-20-AH-45 *031208759-0045*	WOOD WINDOW GLAZING COMPOUND - AREA 3	Tan/White Non-Fibrous Heterogeneous		60% Non-fibrous (other) 40% Ca Carbonate	**None Detected**
3-20-AH-46 *031208759-0046*	WOOD WINDOW GLAZING COMPOUND - FAÇADE D	Brown Non-Fibrous Heterogeneous		30% Non-fibrous (other) 70% Ca Carbonate	**None Detected**

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
3-20-AH-47 *031208759-0047*	SMALL SQ. PATTERN CERAMIC FT THINSET - AREA 3	Brown Non-Fibrous Heterogeneous		40% Non-fibrous (other) 45% Quartz 15% Ca Carbonate	**None Detected**
3-20-AH-48 *031208759-0048*	SMALL SQ. PATTERN CERAMIC FT THINSET - AREA 4	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
3-20-AH-51 *031208759-0051*	CEMENTITIOUS MORTAR @ WINDOW SILL - FAÇADE A	Gray Non-Fibrous Heterogeneous		40% Non-fibrous (other) 35% Quartz 25% Ca Carbonate	**None Detected**
3-20-AH-52 *031208759-0052*	CEMENTITIOUS MORTAR @ WINDOW SILL - FAÇADE D				**Insufficient Material**
3-20-AH-53 *031208759-0053*	WHITE CAULK BETWEEN FAÇADE METAL PANELS - FAÇADE A	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
3-20-AH-54 *031208759-0054*	WHITE CAULK BETWEEN FAÇADE METAL PANELS - FAÇADE D	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
3-20-AH-55 *031208759-0055*	GRAY CAULK @ WINDOW HEADER & FAC. PANEL JUNCT. - FAÇADE A	Brown/Gray Non-Fibrous Heterogeneous		82% Non-fibrous (other) 15% Ca Carbonate	**3% Chrysotile**
3-20-AH-56 *031208759-0056*	GRAY CAULK @ WINDOW HEADER & FAC. PANEL JUNCT. - FAÇADE D				**Stop Positive (Not Analyzed)**
3-20-AH-57 *031208759-0057*	ALUMINUM WINDOW GLAZING COMPOUND - FAÇADE A				**Not Submitted**
3-20-AH-58 *031208759-0058*	ALUMINUM WINDOW GLAZING COMPOUND - FAÇADE D	Gray/White Non-Fibrous Heterogeneous		47% Non-fibrous (other) 50% Ca Carbonate	**3% Chrysotile**
3-20-AH-59 *031208759-0059*	TAN CAULK UNDER WOOD DOOR CASING - FAÇADE D	Yellow Non-Fibrous Heterogeneous	2% Cellulose	68% Non-fibrous (other) 30% Ca Carbonate	**None Detected**
3-20-AH-60 *031208759-0060*	TAN CAULK UNDER WOOD DOOR CASING - FAÇADE D	Gray/White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**

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			Non-Asbestos			Asbestos	
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	%	Type
3-20-AH-61 *031208759-0061*	TOP COAT SILVER PAINT - ROOF	Black/Silver Non-Fibrous Heterogeneous			96% Non-fibrous (other)	**4%**	**Chrysotile**
3-20-AH-62 *031208759-0062*	TOP COAT SILVER PAINT - ROOF					**Stop Positive (Not Analyzed)**	
3-20-AH-63 *031208759-0063*	TOP COAT SILVER PAINT - ROOF					**Stop Positive (Not Analyzed)**	
3-20-AH-64 *031208759-0064*	BLACK FLASHING AT ROOF EDGE - ROOF	Black Fibrous Heterogeneous	15%	Cellulose	85% Non-fibrous (other)	**None Detected**	
3-20-AH-65 *031208759-0065*	BLACK FLASHING AT ROOF EDGE - ROOF	Black Fibrous Heterogeneous	7% 2%	Cellulose Glass	91% Non-fibrous (other)	**None Detected**	
3-20-AH-66 *031208759-0066*	2-PLY B.U.R. ON F.B INSULATION - ROOF	Black Fibrous Heterogeneous	15% 20%	Cellulose Glass	65% Non-fibrous (other)	**None Detected**	
3-20-AH-67 *031208759-0067*	2-PLY B.U.R. ON F.B INSULATION - ROOF	Black Fibrous Heterogeneous	12%	Glass	88% Non-fibrous (other)	**None Detected**	

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			Non-Asbestos			Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**		**% Non-Fibrous**	**% Type**
3-20-AH-68 *031208759-0068*	TAR ON CORRUGATED METAL DECK - ROOF	Brown/Black Fibrous Heterogeneous	35% Cellulose		65% Non-fibrous (other)	**None Detected**
3-20-AH-69 *031208759-0069*	TAR ON CORRUGATED METAL DECK - ROOF	Black/Yellow Non-Fibrous Heterogeneous	2% Cellulose 1% Glass		97% Non-fibrous (other)	**None Detected**

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PROJECT LOCATION: 645 Main St, Middletown

PROJECT NUMBER: 12-057.11

LAB REFERENCE NUMBER: 031208759

NOB TEM SAMPLE LOG

SAMPLE NO.	LOCATION	MATERIAL TYPE	% ASBESTOS
3-20-AH-22	Area 1	Ceramic Floor Tile Thinset	NAD

TEST METHOD. **TEM ELAP 198.4 METHOD** TURNAROUND TIME: **24 HOURS**

Special Instructions: Please e-mail results to bleblanc@eagleenviro.com,, halasa@eagleenviro.com & jlamattina@eagleenviro.com

Samples Collected By: Aaron Hatch Date: 3-20-12 Time: AM

Samples Faxed By: Rachel Hatch Date: 3-27-12 Time: 10:20 am

Samples Received By: _____ Date: _____ Time: _____

531 NORTH MAIN STREET • BRISTOL, CT 06010
PHONE (860) 589-8257 • FAX (860) 585-7034

EMSL Analytical, Inc.
307 West 38th Street, New York, NY 10018
Phone/Fax: (212) 290-0051 / (212) 290-0058
http://www.emsl.com manhattanlab@emsl.com

EMSL Order:	031208759
CustomerID:	EEVM50
CustomerPO:	
ProjectID:	

Attn: **Brandy LeBlanc**
Eagle Environmental, Inc. (CT)
531 North Main St.
Bristol, CT 06010

Phone:	(860) 589-8257
Fax:	(860) 585-7034
Received:	03/23/12 9:20 AM
Analysis Date:	3/29/2012
Collected:	3/20/2012

Project: **12-057.11/ HAZ INSPECTION/ TIGHE & BOND/ 645 MAIN ST./ MIDDLETOWN, CT**

Test Report: Asbestos Analysis of Non-Friable Organically Bound materials by Transmission Electron Microscopy via NYS ELAP Method 198.4

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
3-20-AH-22 *031208759-0022*	CERAMIC FLOOR TILE THINSET - AREA 1	Gray Non-Fibrous Homogeneous	100.0	None	No Asbestos Detected	

Analyst(s)

Christopher Etsell (1)

James Hall, 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. New York, NY NYS ELAP 11506

Initial report from 03/29/2012 04:26:40

APPENDIX 3
XRF LEAD BASED PAINT INSPECTION REPORTS

LEAD PAINT INSPECTION REPORT

REPORT NUMBER: S#01364 - 03/20/12 12:06

INSPECTION FOR: Mr. Jim Olsen
Tighe & Bond
213 Court Street, Suite 900
Middletown, CT 06457

PERFORMED AT: 645 Main Street
Middletown, CT 06457

INSPECTION DATE: 03/20/12

INSTRUMENT TYPE: R M D
MODEL LPA-1
XRF TYPE ANALYZER
Serial Number: 01364

ACTION LEVEL: 1.0 mg/cm²

OPERATOR LICENSE: 002194

Lead screen for 645 Main Street

SIGNED: _____ **Date:** 3/20/12

Hannah Hintz
Lead Inspector
Eagle Environmental, Inc
531 North Main Street
Bristol, CT 06010

SUMMARY REPORT OF LEAD PAINT INSPECTION FOR: Mr. Jim Olsen

Inspection Date:	03/20/12	645 Main Street
Report Date:	3-21-2012	Middletown, CT 06457
Abatement Level:	1.0	
Report No.	S#01364 - 03/20/12 12:06	
Total Readings:	67 Actionable: 15	
Job Started:	03/20/12 12:06	
Job Finished:	03/20/12 16:04	

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm²)	Mode
Exterior Room 001 Facade A									
054	A	Wall	Lft	Upper	P	Brick	white	>9.9	QM
055	A	Wall	Lft	Lower	P	Brick	red	1.4	QM
Comment: façade C unpainted									
Exterior Room 002 Facade B									
056	B	Wall	Rgt	Lower	P	Block	grey	>9.9	QM
Interior Room 001 Area 1									
024	A	Column	Lft		P	Cast Iron	cream	1.0	QM
Interior Room 002 Area 2									
039	A	Wall	Ctr	Upper	P	Block	white	>9.9	QM
048	A	Wall	Ctr	Upper	P	Block	white	>9.9	QM
049	A	Wall	Ctr	Lower	P	Block	grey	7.6	QM
045	A	Wall	Rgt	Lower	P	Block	grey	7.5	QM
046	A	Wall	Rgt	Upper	P	Block	white	8.0	QM
040	B	Wall	Lft	Lower	P	Brick	grey	>9.9	QM
Comment: 18x15 SF positive block and 72 SF positive brick.									
Interior Room 003 Area 3									
032	A	Wall	Ctr		P	Plaster	paper	1.0	QM
033	A	Wall	Ctr		P	Ceramic	mustard	>9.9	QM
Comment: 4.5x20SF positive ceramic wall tile and 4.5x20SF plaster									
Interior Room 004 Area 4									
030	A	Wall	Ctr		P	Ceramic	yellow	>9.9	QM
027	C	Wall	Ctr		P	Ceramic	mustard	9.1	QM
028	C	Wall	Ctr	Upper	P	Plaster	blue	1.6	QM
Comment: 4.5x20 positive ceramic wall tile and 4.5x20 positive plaster.									
Calibration Readings									
---- End of Readings ----									

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Mr. Jim Olsen

Inspection Date:	03/20/12	645 Main Street
Report Date:	3-21-2012	Middletown, CT 06457
Abatement Level:	1.0	
Report No.	S#01364 - 03/20/12 12:06	
Total Readings:	67	
Job Started:	03/20/12 12:06	
Job Finished:	03/20/12 16:04	

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm²)	Mode
Exterior Room 001 Facade A									
052	A	Garage Door	Rgt	Jamb	P	Wood	white	-0.1	QM
054	A	Wall	Lft	Upper	P	Brick	white	>9.9	QM
055	A	Wall	Lft	Lower	P	Brick	red	1.4	QM
053	A	Wall	Ctr		P	Metal	green	-0.1	QM
064	A	Wall	L Rgt		P	Brick	white	-0.1	QM
Comment: façade C unpainted									
Exterior Room 002 Facade B									
057	B	Pipe	Rgt		P	Metal	grey	0.1	QM
056	B	Wall	Rgt	Lower	P	Block	grey	>9.9	QM
Exterior Room 003 Facade D									
063	D	Garage Door	Rgt	Casing	P	Wood	white	-0.1	QM
058	D	Wall	Lft	Lower	P	Brick	white	0.2	QM
059	D	Wall	Lft	Lower	P	Metal	green	-0.2	QM
062	D	Wall	Ctr		P	Brick	white	-0.1	QM
060	D	Door	Ctr		P	Wood	grey	-0.1	QM
061	D	Door	Ctr	Jamb	P	Wood	grey	-0.1	QM
Interior Room 001 Area 1									
006	A	Garage Door	Rgt	Casing	I	Wood	grey	0.0	QM
007	A	Garage Door	Rgt	door	I	Metal	grey	0.2	QM
005	A	Wall	Lft		I	Block	grey	0.1	QM
022	A	Wall	Lft		P	Plaster	blue	0.1	QM
004	A	Ceiling	Lft	Debris	P	Plaster	white	0.1	QM
023	A	Window	Lft	Sash	P	Aluminum	grey	-0.1	QM
024	A	Column	Lft		P	Cast Iron	cream	1.0	QM
010	B	Pipe	Lft		P	Metal	white	0.4	QM
008	B	Wall	Ctr	Lower	I	Block	grey	0.3	QM
009	B	Wall	Ctr	Upper	I	Block	white	-0.2	QM
011	B	Floor	Lft		P	Concrete	grey	-0.1	QM
014	B	Door	Ctr	Casing	P	Wood	grey	0.0	QM
015	B	Door	Ctr	Jamb	P	Wood	grey	0.0	QM
018	C	Pipe	Lft	Upper	P	Cast Iron	white	0.0	QM
017	C	Pipe	Rgt	Lower	P	Cast Iron	grey	-0.1	QM
012	C	Wall	Lft	Lower	P	Block	grey	-0.1	QM
013	C	Wall	Ctr	Upper	P	Block	white	-0.1	QM
016	C	Door	Ctr	NA	P	Wood	grey	0.1	QM
019	D	Wall	Lft	Lower	P	Block	grey	0.1	QM
020	D	Wall	Lft	Upper	P	Block	white	0.1	QM
026	D	Wall	Ctr		P	Brick	black	0.3	QM
031	D	Wall	Ctr		P	Brick	grey	0.0	QM
025	D	Window	Rgt	Casing	P	Wood	blue	0.3	QM
021	D	Door	Lft	Jamb	P	Wood	grey	0.6	QM
Interior Room 002 Area 2									
037	A	Wall	Ctr	Lower	P	Block	grey	0.4	QM
039	A	Wall	Ctr	Upper	P	Block	white	>9.9	QM
048	A	Wall	Ctr	Upper	P	Block	white	>9.9	QM

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Mr. Jim Olsen

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm²)	Mode
049	A	Wall	Ctr	Lower	P	Block	grey	7.6	QM
045	A	Wall	Rgt	Lower	P	Block	grey	7.5	QM
046	A	Wall	Rgt	Upper	P	Block	white	8.0	QM
038	A	Floor	Ctr		P	Concrete	grey	-0.1	QM
035	A	Door	Ctr	Casing	P	Metal	green	0.2	QM
047	A	Door	Ctr	Casing	P	Wood	grey	0.0	QM
040	B	Wall	Lft	Lower	P	Brick	grey	>9.9	QM
036	B	Wall	Ctr	Upper	P	Brick	white	0.2	QM
043	B	Wall	Rgt	Upper	P	Block	white	-0.2	QM
044	B	Wall	Rgt	Lower	P	Block	grey	-0.3	QM
041	C	Wall	Rgt	Lower	P	Block	grey	-0.3	QM
042	C	Wall	Rgt	Upper	P	Block	white	-0.1	QM
050	D	Wall	Rgt	Lower	P	Block	grey	-0.1	QM
051	D	Wall	Rgt	Upper	P	Block	white	0.1	QM
Comment: 18x15 SF positive block and 72 SF positive brick.									
Interior Room 003 Area 3									
034	A	bath stalls	Ctr		P	Metal	cream	0.1	QM
032	A	Wall	Ctr		P	Plaster	paper	1.0	QM
033	A	Wall	Ctr		P	Ceramic	mustard	>9.9	QM
Comment: 4.5x20SF positive ceramic wall tile and 4.5x20SF plaster									
Interior Room 004 Area 4									
030	A	Wall	Ctr		P	Ceramic	yellow	>9.9	QM
027	C	Wall	Ctr		P	Ceramic	mustard	9.1	QM
028	C	Wall	Ctr	Upper	P	Plaster	blue	1.6	QM
029	D	Door	Ctr	Casing	P	Wood	white	0.2	QM
Comment: 4.5x20 positive ceramic wall tile and 4.5x20 positive plaster.									
Calibration Readings									
001								1.0	TC
002								1.1	TC
003								1.0	TC
065								0.9	TC
066								0.9	TC
067								0.9	TC
---- End of Readings ----									

APPENDIX 4
LEAD WASTE CHARACTERIZATION LABORATORY REPORTS AND COMPUTATION TABLE

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

March 27, 2012

Ashis Roychowdhury
Eagle Environmental, Inc.
531 North Main Street
Bristol, CT 06010

Project Location: Tighe and Bond, 645 Main St.
Client Job Number:
Project Number: 12-058.11
Laboratory Work Order Number: 12C0690

Enclosed are results of analyses for samples received by the laboratory on March 22, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Holly L. Folsom

Holly L. Folsom
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Eagle Environmental, Inc.
531 North Main Street
Bristol, CT 06010
ATTN: Ashis Roychowdhury

REPORT DATE: 3/27/2012

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 12-058.11

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12C0690

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Tighe and Bond, 645 Main St.

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
HH-01-Pos. Ceramic	12C0690-01	Product/Solid		SW-846 1311 SW-846 6010C	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Tighe and Bond, 645 Main St. Sample Description: Work Order: 12C0690

Date Received: 3/22/2012

Field Sample #: HH-01-Pos. Ceramic Sampled: 3/20/2012 00:00

Sample ID: 12C0690-01

Sample Matrix: Product/Solid

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.26	0.010	mg/L	1		SW-846 6010C	3/26/12	3/26/12 12:45	OP

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Sample Extraction Data

Prep Method: SW-846 3010A-SW-846 6010C **Leachates were extracted on 3/23/2012 per SW-846 1311 in Batch B048427**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0690-01 [HH-01-Pos. Ceramic]	B048505	50.0	50.0	03/26/12

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QUALITY CONTROL

TCLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048505 - SW-846 3010A										
Blank (B048505-BLK1)				Prepared & Analyzed: 03/26/12						
Lead	ND	0.010	mg/L							
LCS (B048505-BS1)				Prepared & Analyzed: 03/26/12						
Lead	0.486	0.010	mg/L	0.500		97.2	80-120			
LCS Dup (B048505-BSD1)				Prepared & Analyzed: 03/26/12						
Lead	0.491	0.010	mg/L	0.500		98.2	80-120	1.04	20	
Matrix Spike (B048505-MS1)		**Source: 12C0690-01**		Prepared & Analyzed: 03/26/12						
Lead	0.746	0.010	mg/L	0.500	0.265	96.2	75-125			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Water	
Lead	NY,CT,ME,NC,NH

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 SPRUCE ST
EAST LONGMEADOW, MA 01028

AIR SAMPLE CHAIN OF CUSTODY RECORD

1C0690

Company Name: Eagle Environmental
Address: 531 North Main St
Bristol, CT 06010
Attention: Brandy Leblanc
Project Location: Tighe + Bond - 615 Main St
Sampled By: Hannah Hintz

Telephone: 860-589-8257
Project # 12.058.11
Client PO # _____

DATA DELIVERY (check one):
☐FAX ☐EMAIL ☐WEBSITE CLIENT
Fax # : _____
Email: _____
Format: ☐EXCEL ☐PDF ☐GIS KEY ☐OTHER___

Proposal Provided? (For Billing purposes)
☐yes _____ proposal date

ANALYSIS REQUESTED

Field ID	Sample Description	Media	Lab #	Date Sampled Start Date Time	Date Sampled Stop Date Time	ONLY USE WHEN USING PUMPS: Total Minutes Sampled	Flow Rate M^3/Min. or L / Min.	Volume Liters or M^3	Matrix Code*	c/o Contribution	" Hg Initial pressure	" Hg Final Pressure	Lab Receipt Pressure	Summa Canister ID	Flow Controller ID
3/20	HH-01 - Pos. Ceramic		01	3/20 PM	3/20 PM				0	100					

Please fill out completely, sign, date and retain the yellow copy for your record.
Summa canisters and flow controllers must be returned within 14 days of receipt or rental fees will apply.
Summa canisters will be retained for a minimum of 14 days after sampling date prior to cleaning.

Laboratory Comments:

CLIENT COMMENTS:
Ceramic only

Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time: 3/22/12 10:12
Relinquished by: (signature)	Date/Time: 3/22/12 12:22
Received by: (signature) 4.29	Date/Time: 3/22/12 12:20

Turnaround **
☐ 7-Day
☐ 10-Day
☐ Other ___
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
Approval Required

Special Requirements
Regulations: _____
Data Enhancement/RCP? ☐Y ☐N
Enhanced Data Package ☐Y ☐N
(Surchage Applies)
Required Detection Limits: _____
Other: _____

***Matrix Code:**
SG= SOIL GAS
IA= INDOOR AIR
AMB=AMBIENT
SS = SUB SLAB
D = DUP
BL = BLANK
O = other _____

****Media Codes:**
S=summa can
T=tedlar bag
P=PUF
T=tube
F= filter
C=cassette
O = Other _____

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAC & WBE/DBE Certified

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

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Sample Receipt Checklist

CLIENT NAME: Eagle Env. RECEIVED BY: C-CS DATE: 3/22/12

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 4.2°C

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? (Yes) No

Who was notified _____ Date _____ Time _____

7) Location where samples are stored:

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No N/A _____

9) Do all samples have the proper Base pH: Yes No N/A _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	1
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Tighe and Bond, 645 Main St.

Parameter	RSR DEC		RSR PMC
	I/C DEC	RES DEC	GA PMC
Sampling Date			
Sample Depth			
Laboratory Report Number			
SW-846 6010C (mg/L) 1311 TCLP EXT			
LEAD	~	~	~
NOTES:			
1. An asterisk (*) following a detection limit indicates that the minimum laboratory reporting limit exceeds one or more			
2. NT = Not tested.			
3. ~ = No Standard available			
4. For soil samples shaded values exceed the RSR Direct Exposure Criteria (DEC) for the parameter.			
5. For soil samples bolded values exceed the RSR PMC for the parameter.			
6. For water samples shaded values exceed the RSR Groundwater (GWP), Surface (SWP), or Volatilization (RES Vol. or I/C			
7. For water samples bolded values exceed the Connecticut Water Quality Standards (Appendix D).			
8. RSR criteria are in the same units as the analyte.			
9. Con-Test Laboratory is not responsible for the regulatory content, data comparisons with regulations, or decisions ma			

Tighe and Bond, 645 Main St.

SAMPLING LOCATION			
HH-02/03/04/05/06/07			
3/20/2012 0- Feet 12C0689			
0.022			
of the regulatory criteria.			
Vol.) criteria for the parameter.			
de based on data comparisons shown in this deliverable. Please notify us should you be aware of any regulatory i			

Tighe and Bond, 645 Main St.

nformation that may not be correct or that has changed.

Tighe and Bond, 645 Main St.

Parameter	RSR DEC		RSR PMC
	I/C DEC	RES DEC	GA PMC
Sampling Date			
Sample Depth			
Laboratory Report Number			
SW-846 6010C (mg/L) 1311 TCLP EXT			
LEAD	~	~	~
NOTES:			
1. An asterisk (*) following a detection limit indicates that the minimum laboratory reporting limit exceeds one or more			
2. NT = Not tested.			
3. ~ = No Standard available			
4. For soil samples shaded values exceed the RSR Direct Exposure Criteria (DEC) for the parameter.			
5. For soil samples bolded values exceed the RSR PMC for the parameter.			
6. For water samples shaded values exceed the RSR Groundwater (GWP), Surface (SWP), or Volatilization (RES Vol. or I/C			
7. For water samples bolded values exceed the Connecticut Water Quality Standards (Appendix D).			
8. RSR criteria are in the same units as the analyte.			
9. Con-Test Laboratory is not responsible for the regulatory content, data comparisons with regulations, or decisions ma			

Tighe and Bond, 645 Main St.

SAMPLING LOCATION			
HH-01-Pos. Ceramic			
3/20/2012			
0- Feet			
12C0690			
0.26			
of the regulatory criteria.			
Vol.) criteria for the parameter.			

de based on data comparisons shown in this deliverable. Please notify us should you be aware of any regulatory i

Tighe and Bond, 645 Main St.

nformation that may not be correct or that has changed.

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

March 27, 2012

Ashis Roychowdhury
Eagle Environmental, Inc.
531 North Main Street
Bristol, CT 06010

Project Location: Tighe and Bond, 645 Main St.
Client Job Number:
Project Number: 12-058.11
Laboratory Work Order Number: 12C0689

Enclosed are results of analyses for samples received by the laboratory on March 22, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Holly L. Folsom

Holly L. Folsom
Project Manager

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ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Eagle Environmental, Inc.
531 North Main Street
Bristol, CT 06010
ATTN: Ashis Roychowdhury

REPORT DATE: 3/27/2012

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 12-058.11

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12C0689

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Tighe and Bond, 645 Main St.

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
HH-02/03/04/05/06/07	12C0689-01	Product/Solid		SW-846 1311 SW-846 6010C	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

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ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Tighe and Bond, 645 Main St. Sample Description: Work Order: 12C0689

Date Received: 3/22/2012

Field Sample #: HH-02/03/04/05/06/07 Sampled: 3/20/2012 00:00

Sample ID: 12C0689-01

Sample Matrix: Product/Solid

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.022	0.010	mg/L	1		SW-846 6010C	3/26/12	3/26/12 12:39	OP

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Sample Extraction Data

Prep Method: SW-846 3010A-SW-846 6010C **Leachates were extracted on 3/23/2012 per SW-846 1311 in Batch B048427**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0689-01 [HH-02/03/04/05/06/07]	B048505	50.0	50.0	03/26/12

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QUALITY CONTROL

TCLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048505 - SW-846 3010A										
Blank (B048505-BLK1)				Prepared & Analyzed: 03/26/12						
Lead	ND	0.010	mg/L							
LCS (B048505-BS1)				Prepared & Analyzed: 03/26/12						
Lead	0.486	0.010	mg/L	0.500		97.2	80-120			
LCS Dup (B048505-BSD1)				Prepared & Analyzed: 03/26/12						
Lead	0.491	0.010	mg/L	0.500		98.2	80-120	1.04	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Water	
Lead	NY,CT,ME,NC,NH

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

con-test ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com
39 SPRUCE ST
EAST LONGMEADOW, MA 01028

AIR SAMPLE CHAIN OF CUSTODY RECORD

1206689

Company Name: Eagle Environmental, Inc. Telephone: 860-589-8257
Address: 531 North Main St, Bristol, CT 06010
Project # 12-058.11
Client PO # _____
Attention: Brandy Leblanc
Project Location: Tighe + Bond, 645 Main St
Sampled By: Hannah Hintz

DATA DELIVERY (check one):
☐FAX ☐EMAIL ☐WEBSITE CLIENT
Fax # : _____
Email: _____
Format: ☐EXCEL ☐PDF ☐GIS KEY ☐OTHER___

Proposal Provided? (For Billing purposes)
☐yes _____ proposal date

Field ID	Sample Description	Media	Lab #	Date Sampled Start Date Time	Date Sampled Stop Date Time	ONLY USE WHEN USING PUMPS Total Minutes Sampled	Flow Rate M³/Min. or L / Min.	Volume Liters or M³	Matrix Code*	ANALYSIS REQUESTED # of containers	" Hg Initial pressure	" Hg Final Pressure	" Hg Lab Receipt pressure	Summa Canister ID	Flow Controller ID
3/20	HH-02-Neg. Wood		01	3/20 PM	3/20 PM				O	11					
	HH-03-Neg. Plywood			↓	↓				O	10					
	HH-04-Neg. Plaster								O	4					
	HH-05-Pos. Plaster								O	3					
↓	HH-06-Neg. Sheetrock								O	9					
	HH-07-Roofing		↓	↓	↓				O	63					

Please fill out completely, sign, date and retain the yellow copy for your record.

Summa canisters and flow controllers must be returned within 14 days of receipt or rental fees will apply.

Summa canisters will be retained for a minimum of 14 days after sampling date prior to cleaning.

Laboratory Comments:

CLIENT COMMENTS: Please combine materials from Wood, Plywood, Plaster, Sheetrock, Roofing only to form one (1) composite TCLP.

Relinquished by: (signature)	Date/Time:	Received by: (signature)	Date/Time:	Relinquished by: (signature)	Date/Time:	Received by: (signature)	Date/Time:
	3/22/12 10:10		3/22/12 10:10		3/22/12 12:22	429	3/22/12 12:28

Turnaround **
☐ 7-Day
☐ 10-Day
☐ Other ___
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
*Approval Required

Special Requirements
Regulations: _____
Data Enhancement/RCP? ☐Y ☐N
Enhanced Data Package ☐Y ☐N
(Surchage Applies)
Required Detection Limits: _____
Other: _____

*Matrix Code:	**Media Codes:
SG= SOIL GAS	S=summa can
IA= INDOOR AIR	T=tedlar bag
AMB=AMBIENT	P=PUF
SS = SUB SLAB	T=tube
D = DUP	F= filter
BL = BLANK	C=cassette
O = other_____	O = Other_____

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAC & WBE/DBE Certified

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: Eagle Env. RECEIVED BY: C.C-S. DATE: 3/22/12

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 4.2°C

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? (Yes) No

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No N/A _____

9) Do all samples have the proper Base pH: Yes No N/A _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	6
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____

Bisulfate _____ # DI Water _____

Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Tighe and Bond, 645 Main St.

Parameter	RSR DEC		RSR PMC
	I/C DEC	RES DEC	GA PMC
Sampling Date			
Sample Depth			
Laboratory Report Number			
SW-846 6010C (mg/L) 1311 TCLP EXT			
LEAD	~	~	~
NOTES:			
1. An asterisk (*) following a detection limit indicates that the minimum laboratory reporting limit exceeds one or more			
2. NT = Not tested.			
3. ~ = No Standard available			
4. For soil samples shaded values exceed the RSR Direct Exposure Criteria (DEC) for the parameter.			
5. For soil samples bolded values exceed the RSR PMC for the parameter.			
6. For water samples shaded values exceed the RSR Groundwater (GWP), Surface (SWP), or Volatilization (RES Vol. or I/C			
7. For water samples bolded values exceed the Connecticut Water Quality Standards (Appendix D).			
8. RSR criteria are in the same units as the analyte.			
9. Con-Test Laboratory is not responsible for the regulatory content, data comparisons with regulations, or decisions ma			

Tighe and Bond, 645 Main St.

SAMPLING LOCATION			
HH-08/09/10/11			
3/20/2012 0- Feet 12C0688			
0.11			
of the regulatory criteria.			
Vol.) criteria for the parameter.			

de based on data comparisons shown in this deliverable. Please notify us should you be aware of any regulatory i

Tighe and Bond, 645 Main St.

nformation that may not be correct or that has changed.

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ANALYTICAL LABORATORY
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March 27, 2012

Ashis Roychowdhury
Eagle Environmental, Inc.
531 North Main Street
Bristol, CT 06010

Project Location: Tighe and Bond, 645 Main St.
Client Job Number:
Project Number: 12-058.11
Laboratory Work Order Number: 12C0688

Enclosed are results of analyses for samples received by the laboratory on March 22, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Holly L. Folsom

Holly L. Folsom
Project Manager

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ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Eagle Environmental, Inc.
531 North Main Street
Bristol, CT 06010
ATTN: Ashis Roychowdhury

REPORT DATE: 3/27/2012

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 12-058.11

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12C0688

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Tighe and Bond, 645 Main St.

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
HH-08/09/10/11	12C0688-01	Product/Solid		SW-846 1311 SW-846 6010C	

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ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

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ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Tighe and Bond, 645 Main St. Sample Description: Work Order: 12C0688

Date Received: 3/22/2012

Field Sample #: HH-08/09/10/11 Sampled: 3/20/2012 00:00

Sample ID: 12C0688-01

Sample Matrix: Product/Solid

TCLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	0.11	0.010	mg/L	1		SW-846 6010C	3/26/12	3/27/12 11:54	OP

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3010A-SW-846 6010C **Leachates were extracted on 3/22/2012 per SW-846 1311 in Batch B048364**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12C0688-01 [HH-08/09/10/11]	B048506	50.0	50.0	03/26/12

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QUALITY CONTROL

TCLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048506 - SW-846 3010A										
Blank (B048506-BLK1)				Prepared & Analyzed: 03/26/12						
Lead	ND	0.010	mg/L							
LCS (B048506-BS1)				Prepared & Analyzed: 03/26/12						
Lead	0.444	0.010	mg/L	0.500		88.8	80-120			
LCS Dup (B048506-BSD1)				Prepared & Analyzed: 03/26/12						
Lead	0.452	0.010	mg/L	0.500		90.5	80-120	1.84	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Water	
Lead	NY,CT,ME,NC,NH

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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Email: info@contestlabs.com
www.contestlabs.com
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EAST LONGMEADOW, MA 01028

AIR SAMPLE CHAIN OF CUSTODY RECORD

12C0688

Company Name: Eagle Environmental, Inc
Address: 5310 North Main St.
Bristol, CT 06060
Attention: Brandy Leblanc
Project Location: Tighe + Bond, 165 Main St
Sampled By: Hannah Hintz

Telephone: 860-589-8257
Project # 12-058 (1)
Client PO # _____

DATA DELIVERY (check one):
☐FAX ☐EMAIL ☐WEBSITE CLIENT
Fax # : _____
Email: _____
Format: ☐EXCEL ☐PDF ☐GIS KEY ☐OTHER___

Proposal Provided? (For Billing purposes)
☐ yes _____ proposal date

Field ID	Sample Description	Media	Lab #	Date Sampled Start Date Time	Date Sampled Stop Date Time	ONLY USE WHEN USING PUMPS: Total Minutes Sampled	Flow Rate M³/Min. or L / Min.	Volume Liters or M³	Matrix Code*	% Containing	ANALYSIS REQUESTED	" Hg Initial pressure	" Hg Final Pressure	Lab Receipt pressure	Summa Canister ID	Flow Controller ID
3/20	HH-08-Neg. Brick		01	3/20 AM	3/20 PM				O	38						
↓	HH-09-Pos. Brick		02	↓	↓				O	10						
	HH-10-Neg. CMU Block		03						O	26						
↓	HH-11-Pos. CMU Block	↓	04	↓	↓				O	26						

Please fill out completely, sign, date and retain the yellow copy for your record.

Summa canisters and flow controllers must be returned within 14 days of receipt or rental fees will apply.

Summa canisters will be retained for a minimum of 14 days after sampling date prior to cleaning.

Laboratory Comments:

CLIENT COMMENTS: Please combine only Brick and CMU Block to form one (1) composite TCLP.

Relinquished by: (signature)	Date/Time:	Received by: (signature)	Date/Time:
	3/22/12 10:10		3/22/12 10:10
Relinquished by: (signature)	Date/Time:	Received by: (signature)	Date/Time:
	3/22/12 12:28	4.2°C	3/22/12 12:28

Turnaround **
☐ 7-Day
☐ 10-Day
☐ Other ___
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
*Approval Required

Special Requirements
Regulations: _____
Data Enhancement/RCP? ☐Y ☐N
Enhanced Data Package ☐Y ☐N
(Surchage Applies)
Required Detection Limits: _____
Other: _____

*Matrix Code:
SG= SOIL GAS
IA= INDOOR AIR
AMB=AMBIENT
SS = SUB SLAB
D = DUP
BL = BLANK
O = other _____

**Media Codes:
S=summa can
T=tedlar bag
P=PUF
T=tube
F= filter
C=cassette
O = Other _____

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAC & WBE/DBE Certified

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East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY

Sample Receipt Checklist

CLIENT NAME: Eagle Env. RECEIVED BY: C.C.S. DATE: 3/22/12

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 4.2

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? (Yes) No

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No N/A _____

9) Do all samples have the proper Base pH: Yes No N/A _____

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	4
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

APPENDIX 5
PCB BULK SAMPLE LABORATORY REPORTS

con-test®
ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

March 23, 2012

Ashis Roychowdhury
Eagle Environmental, Inc.
531 North Main Street
Bristol, CT 06010

Project Location: 645 Main St, Middletown, CT
Client Job Number:
Project Number: 12-058.11
Laboratory Work Order Number: 12C0642

Enclosed are results of analyses for samples received by the laboratory on March 21, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Holly L. Folsom

Holly L. Folsom
Project Manager

con-test®
ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Eagle Environmental, Inc.
531 North Main Street
Bristol, CT 06010
ATTN: Ashis Roychowdhury

REPORT DATE: 3/23/2012

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 12-058.11

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12C0642

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 645 Main St, Middletown, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
3/20EMPSCS-01	12C0642-01	Caulk		SW-846 8082A	
3/20EMPSCS-02	12C0642-02	Caulk		SW-846 8082A	
3/20EWHCS-03	12C0642-03	Caulk		SW-846 8082A	
3/20ICMUCS-04	12C0642-04	Caulk		SW-846 8082A	

con-test®
ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8082A

Qualifications:

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl, Decachlorobiphenyl [2C], Tetrachloro-m-xylene, Tetrachloro-m-xylene [2C]

12C0642-01[3/20EMPSCS-01], 12C0642-02[3/20EMPSCS-02], 12C0642-04[3/20ICMUCS-04]

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Daren J. Damboragian
Laboratory Manager

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ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 645 Main St, Middletown, CT Sample Description: Work Order: 12C0642

Date Received: 3/21/2012

Field Sample #: 3/20EMPSCS-01 Sampled: 3/20/2012 00:00

Sample ID: 12C0642-01

Sample Matrix: Caulk

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	4400	mg/Kg	25000		SW-846 8082A	3/21/12	3/23/12 12:00	PJG
Aroclor-1221 [1]	ND	4400	mg/Kg	25000		SW-846 8082A	3/21/12	3/23/12 12:00	PJG
Aroclor-1232 [1]	ND	4400	mg/Kg	25000		SW-846 8082A	3/21/12	3/23/12 12:00	PJG
Aroclor-1242 [1]	ND	4400	mg/Kg	25000		SW-846 8082A	3/21/12	3/23/12 12:00	PJG
Aroclor-1248 [1]	ND	4400	mg/Kg	25000		SW-846 8082A	3/21/12	3/23/12 12:00	PJG
Aroclor-1254 [2]	30000	4400	mg/Kg	25000		SW-846 8082A	3/21/12	3/23/12 12:00	PJG
Aroclor-1260 [1]	ND	4400	mg/Kg	25000		SW-846 8082A	3/21/12	3/23/12 12:00	PJG
Aroclor-1262 [1]	ND	4400	mg/Kg	25000		SW-846 8082A	3/21/12	3/23/12 12:00	PJG
Aroclor-1268 [1]	ND	4400	mg/Kg	25000		SW-846 8082A	3/21/12	3/23/12 12:00	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	3/23/12 12:00
Decachlorobiphenyl [2]	*	30-150	S-01	3/23/12 12:00
Tetrachloro-m-xylene [1]	*	30-150	S-01	3/23/12 12:00
Tetrachloro-m-xylene [2]	*	30-150	S-01	3/23/12 12:00

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Project Location: 645 Main St, Middletown, CT Sample Description: Work Order: 12C0642

Date Received: 3/21/2012

Field Sample #: 3/20EMPSCS-02 Sampled: 3/20/2012 00:00

Sample ID: 12C0642-02

Sample Matrix: Caulk

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	4400	mg/Kg	25000		SW-846 8082A	3/21/12	3/23/12 12:13	PJG
Aroclor-1221 [1]	ND	4400	mg/Kg	25000		SW-846 8082A	3/21/12	3/23/12 12:13	PJG
Aroclor-1232 [1]	ND	4400	mg/Kg	25000		SW-846 8082A	3/21/12	3/23/12 12:13	PJG
Aroclor-1242 [1]	ND	4400	mg/Kg	25000		SW-846 8082A	3/21/12	3/23/12 12:13	PJG
Aroclor-1248 [1]	ND	4400	mg/Kg	25000		SW-846 8082A	3/21/12	3/23/12 12:13	PJG
Aroclor-1254 [2]	42000	4400	mg/Kg	25000		SW-846 8082A	3/21/12	3/23/12 12:13	PJG
Aroclor-1260 [1]	ND	4400	mg/Kg	25000		SW-846 8082A	3/21/12	3/23/12 12:13	PJG
Aroclor-1262 [1]	ND	4400	mg/Kg	25000		SW-846 8082A	3/21/12	3/23/12 12:13	PJG
Aroclor-1268 [1]	ND	4400	mg/Kg	25000		SW-846 8082A	3/21/12	3/23/12 12:13	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	3/23/12 12:13
Decachlorobiphenyl [2]	*	30-150	S-01	3/23/12 12:13
Tetrachloro-m-xylene [1]	*	30-150	S-01	3/23/12 12:13
Tetrachloro-m-xylene [2]	*	30-150	S-01	3/23/12 12:13

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Project Location: 645 Main St, Middletown, CT Sample Description: Work Order: 12C0642

Date Received: 3/21/2012

Field Sample #: 3/20EWHCS-03 Sampled: 3/20/2012 00:00

Sample ID: 12C0642-03

Sample Matrix: Caulk

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.85	mg/Kg	5		SW-846 8082A	3/21/12	3/23/12 14:38	PJG
Aroclor-1221 [1]	ND	0.85	mg/Kg	5		SW-846 8082A	3/21/12	3/23/12 14:38	PJG
Aroclor-1232 [1]	ND	0.85	mg/Kg	5		SW-846 8082A	3/21/12	3/23/12 14:38	PJG
Aroclor-1242 [1]	ND	0.85	mg/Kg	5		SW-846 8082A	3/21/12	3/23/12 14:38	PJG
Aroclor-1248 [1]	ND	0.85	mg/Kg	5		SW-846 8082A	3/21/12	3/23/12 14:38	PJG
Aroclor-1254 [2]	2.0	0.85	mg/Kg	5		SW-846 8082A	3/21/12	3/23/12 14:38	PJG
Aroclor-1260 [1]	ND	0.85	mg/Kg	5		SW-846 8082A	3/21/12	3/23/12 14:38	PJG
Aroclor-1262 [1]	ND	0.85	mg/Kg	5		SW-846 8082A	3/21/12	3/23/12 14:38	PJG
Aroclor-1268 [1]	ND	0.85	mg/Kg	5		SW-846 8082A	3/21/12	3/23/12 14:38	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	117	30-150		3/23/12 14:38
Decachlorobiphenyl [2]	109	30-150		3/23/12 14:38
Tetrachloro-m-xylene [1]	82.2	30-150		3/23/12 14:38
Tetrachloro-m-xylene [2]	93.9	30-150		3/23/12 14:38

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Project Location: 645 Main St, Middletown, CT Sample Description: Work Order: 12C0642

Date Received: 3/21/2012

Field Sample #: 3/20ICMUCS-04 Sampled: 3/20/2012 00:00

Sample ID: 12C0642-04

Sample Matrix: Caulk

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	44	mg/Kg	250		SW-846 8082A	3/21/12	3/23/12 1:16	PJG
Aroclor-1221 [1]	ND	44	mg/Kg	250		SW-846 8082A	3/21/12	3/23/12 1:16	PJG
Aroclor-1232 [1]	ND	44	mg/Kg	250		SW-846 8082A	3/21/12	3/23/12 1:16	PJG
Aroclor-1242 [1]	ND	44	mg/Kg	250		SW-846 8082A	3/21/12	3/23/12 1:16	PJG
Aroclor-1248 [1]	ND	44	mg/Kg	250		SW-846 8082A	3/21/12	3/23/12 1:16	PJG
Aroclor-1254 [2]	870	44	mg/Kg	250		SW-846 8082A	3/21/12	3/23/12 1:16	PJG
Aroclor-1260 [1]	ND	44	mg/Kg	250		SW-846 8082A	3/21/12	3/23/12 1:16	PJG
Aroclor-1262 [1]	ND	44	mg/Kg	250		SW-846 8082A	3/21/12	3/23/12 1:16	PJG
Aroclor-1268 [1]	ND	44	mg/Kg	250		SW-846 8082A	3/21/12	3/23/12 1:16	PJG

Surrogates	% Recovery	Recovery Limits	Flag	
Decachlorobiphenyl [1]	*	30-150	S-01	3/23/12 1:16
Decachlorobiphenyl [2]	*	30-150	S-01	3/23/12 1:16
Tetrachloro-m-xylene [1]	*	30-150	S-01	3/23/12 1:16
Tetrachloro-m-xylene [2]	*	30-150	S-01	3/23/12 1:16

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12C0642-01 [3/20EMPSCS-01]	B048321	0.571	10.0	03/21/12
12C0642-02 [3/20EMPSCS-02]	B048321	0.573	10.0	03/21/12
12C0642-03 [3/20EWHCS-03]	B048321	0.589	10.0	03/21/12
12C0642-04 [3/20ICMUCS-04]	B048321	0.570	10.0	03/21/12

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B048321 - SW-846 3540C										
Blank (B048321-BLK1)				Prepared: 03/21/12 Analyzed: 03/22/12						
Aroclor-1016	ND	0.20	mg/Kg							
Aroclor-1016 [2C]	ND	0.20	mg/Kg							
Aroclor-1221	ND	0.20	mg/Kg							
Aroclor-1221 [2C]	ND	0.20	mg/Kg							
Aroclor-1232	ND	0.20	mg/Kg							
Aroclor-1232 [2C]	ND	0.20	mg/Kg							
Aroclor-1242	ND	0.20	mg/Kg							
Aroclor-1242 [2C]	ND	0.20	mg/Kg							
Aroclor-1248	ND	0.20	mg/Kg							
Aroclor-1248 [2C]	ND	0.20	mg/Kg							
Aroclor-1254	ND	0.20	mg/Kg							
Aroclor-1254 [2C]	ND	0.20	mg/Kg							
Aroclor-1260	ND	0.20	mg/Kg							
Aroclor-1260 [2C]	ND	0.20	mg/Kg							
Aroclor-1262	ND	0.20	mg/Kg							
Aroclor-1262 [2C]	ND	0.20	mg/Kg							
Aroclor-1268	ND	0.20	mg/Kg							
Aroclor-1268 [2C]	ND	0.20	mg/Kg							
Surrogate: Decachlorobiphenyl	*3.81*		mg/Kg	4.00		95.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*4.10*		mg/Kg	4.00		103	30-150			
Surrogate: Tetrachloro-m-xylene	*4.33*		mg/Kg	4.00		108	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*4.97*		mg/Kg	4.00		124	30-150			
LCS (B048321-BS1)				Prepared: 03/21/12 Analyzed: 03/22/12						
Aroclor-1016	4.5	0.20	mg/Kg	4.00		114	40-140			
Aroclor-1016 [2C]	4.6	0.20	mg/Kg	4.00		114	40-140			
Aroclor-1260	4.1	0.20	mg/Kg	4.00		103	40-140			
Aroclor-1260 [2C]	4.0	0.20	mg/Kg	4.00		98.9	40-140			
Surrogate: Decachlorobiphenyl	*4.40*		mg/Kg	4.00		110	30-150			
Surrogate: Decachlorobiphenyl [2C]	*4.19*		mg/Kg	4.00		105	30-150			
Surrogate: Tetrachloro-m-xylene	*4.40*		mg/Kg	4.00		110	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*5.00*		mg/Kg	4.00		125	30-150			
LCS Dup (B048321-BSD1)				Prepared: 03/21/12 Analyzed: 03/22/12						
Aroclor-1016	4.6	0.20	mg/Kg	4.00		116	40-140	2.25	30	
Aroclor-1016 [2C]	4.6	0.20	mg/Kg	4.00		116	40-140	1.21	30	
Aroclor-1260	4.1	0.20	mg/Kg	4.00		103	40-140	0.260	30	
Aroclor-1260 [2C]	4.3	0.20	mg/Kg	4.00		107	40-140	7.87	30	
Surrogate: Decachlorobiphenyl	*4.65*		mg/Kg	4.00		116	30-150			
Surrogate: Decachlorobiphenyl [2C]	*4.40*		mg/Kg	4.00		110	30-150			
Surrogate: Tetrachloro-m-xylene	*4.39*		mg/Kg	4.00		110	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*4.93*		mg/Kg	4.00		123	30-150			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications

No certified Analyses included in this Report

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2013
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	1381	12/14/2012

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con-test® ANALYTICAL LABORATORY
Phone: 413-525-2332
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Email: Info@contestlabs.com
www.contestlabs.com
39 SPRUCE ST
EAST LONGMEADOW, MA 01028

AIR SAMPLE CHAIN OF CUSTODY RECORD

12C0642

Company Name: EAGLE ENVIRONMENTAL, INC
Address: 531 NORTH MAIN ST.
BRISTOL, CT
Attention: ASHIS Roychoudhury
Project Location: 645 MAIN ST. MIDDLETOWN
Sampled By: AARON E. HATCHER

Telephone: 860-589-8257
Project # 12-058.11
Client PO # ___

DATA DELIVERY (check one):
☐FAX ☐EMAIL ☐WEBSITE CLIENT
Fax # : ___
Email: ___
Format: ☐EXCEL ☐PDF ☐GIS KEY ☐OTHER___

Proposal Provided? (For Billing purposes)
☐ yes ___ proposal date

Field ID	Sample Description	Media	Lab #	Date Sampled Start Date Time	Date Sampled Stop Date Time	ONLY USE WHEN USING PUMPS Total Minutes Sampled	Flow Rate M^3/Min. or L / Min.	Volume Liters or M^3	Matrix Code*	ANALYSIS REQUESTED SUMMA/BAG EPA METHOD TO-15	" Hg Initial pressure	" Hg Final Pressure	" Hg Lab Receipt pressure	Summa Canister ID	Flow Controller ID
	3/20 EMPSCS-01		01	3/20	PM				O	X					
	3/20 EMPSCS-02		02	3/20	PM				O	X					
	3/20 EWHCS-03		03	3/20	PM				O	X					
	3/20 ICMUCS-04		04	3/20	PM				O	X					

Please fill out completely, sign, date and retain the yellow copy for your record.

Summa canisters and flow controllers must be returned within 14 days of receipt or rental fees will apply.

Summa canisters will be retained for a minimum of 14 days after sampling date prior to cleaning.

Laboratory Comments:

CLIENT COMMENTS:
REPORTING LIMIT MUST BE < 1 ppm

Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time: 3/21/12 10:55
Relinquished by: (signature)	Date/Time: 3/21/12 4:29
Received by: (signature) 5.4°C	Date/Time: 3/21/12 16:20

Turnaround **
☐ 7-Day
☐ 10-Day
☐ Other ___
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
*Approval Required

Special Requirements
Regulations: ___
Data Enhancement/RCP? ☐ Y ☐ N
Enhanced Data Package ☐ Y ☐ N
(Surchage Applies)
Required Detection Limits: ___
Other: ___

***Matrix Code:**
SG= SOIL GAS
IA= INDOOR AIR
AMB=AMBIENT
SS = SUB SLAB
D = DUP
BL = BLANK
O = other ___

****Media Codes:**
S=summa can
T=tedlar bag
P=PUF
T=tube
F= filter
C=cassette
O = Other ___

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAC & WBE/DBE Certified

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East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
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Sample Receipt Checklist

CLIENT NAME: Eagle RECEIVED BY: C.C-S DATE: 3/21/12

1) Was the chain(s) of custody relinquished and signed? (Yes) No No CoC Included

2) Does the chain agree with the samples? (Yes) No

If not, explain:

3) Are all the samples in good condition? (Yes) No

If not, explain:

4) How were the samples received:

On Ice ☑ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☑

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 5.4°C

5) Are there Dissolved samples for the lab to filter? Yes (No)

Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? (Yes) No

Who was notified _____ Date _____ Time _____

7) Location where samples are stored: 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature:

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	4
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below		PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments:

40 mL vials: # HCl _____ # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

Do all samples have the proper Acid pH: Yes No N/A _____

Do all samples have the proper Base pH: Yes No N/A _____

645 Main St, Middletown, CT

Parameter	RSR DEC		RSR PMC
	I/C DEC	RES DEC	GA PMC
Sampling Date			
Sample Depth			
Laboratory Report Number			
SW-846 8082A (mg/Kg)			
PCB 1016	10	1	~
PCB 1221	10	1	~
PCB 1232	10	1	~
PCB 1242	10	1	~
PCB 1248	10	1	~
PCB 1254	10	1	~
PCB 1260	10	1	~
PCB 1262	10	1	~
PCB 1268	10	1	~

NOTES:

1. An asterisk (*) following a detection limit indicates that the minimum laboratory reporting limit exceeds one or more
2. NT = Not tested.
3. ~ = No Standard available
4. For soil samples shaded values exceed the RSR Direct Exposure Criteria (DEC) for the parameter.
5. For soil samples bolded values exceed the RSR PMC for the parameter.
6. For water samples shaded values exceed the RSR Groundwater (GWP), Surface (SWP), or Volatilization (RES Vol. or I/C
7. For water samples bolded values exceed the Connecticut Water Quality Standards (Appendix D).
8. RSR criteria are in the same units as the analyte.
9. Con-Test Laboratory is not responsible for the regulatory content, data comparisons with regulations, or decisions ma

645 Main St, Middletown, CT

	SAMPLING LOCATION	
3/20EMPSCS-01	**3/20EMPSCS-02**	**3/20EWHCS-03**
3/20/2012 0- Feet 12C0642	3/20/2012 0- Feet 12C0642	3/20/2012 0- Feet 12C0642
ND (4400) *	**ND (4400) ***	ND (0.85)
ND (4400) *	**ND (4400) ***	ND (0.85)
ND (4400) *	**ND (4400) ***	ND (0.85)
ND (4400) *	**ND (4400) ***	ND (0.85)
ND (4400) *	**ND (4400) ***	ND (0.85)
30000	42000	2.0
ND (4400) *	**ND (4400) ***	ND (0.85)
ND (4400) *	**ND (4400) ***	ND (0.85)
ND (4400) *	**ND (4400) ***	ND (0.85)

of the regulatory criteria.

Vol.) criteria for the parameter.

de based on data comparisons shown in this deliverable. Please notify us should you be aware of any regula

645 Main St, Middletown, CT

3/20ICMUCS-04		
3/20/2012 0- Feet 12C0642		
ND (44) * **ND (44) *** **ND (44) *** **ND (44) *** **ND (44) *** 870 **ND (44) *** **ND (44) *** **ND (44) ***		

tory information that may not be correct or that has changed.

APPENDIX 6
ABATEMENT AND CONSULTING COST ESTIMATES

HAZARDOUS MATERIALS ABATEMENT COST ESTIMATES
FORMER GAS STATION
645 MAIN STREET
MIDDLETOWN, CONNECTICUT

ASBESTOS ABATEMENT COST ESTIMATE

MATERIAL	QUANTITY	UNIT COST	TOTAL COST
YELLOW CAULK ON BLOCK WALL	15	$ 20.00 LF	$ 300.00
ASSUMED FLOORING	200	$ 5.00 SF	$ 1,000.00
ALUMINUM WINDOW GLAZING COMPOUND	6	$ 75.00 WINDOW SASH	$ 450.00
GRAY CAULK AT WINDOW HEADER	25	$ 10.00 LF	$ 250.00
TOP COAT SILVER PAINT EXTERIOR ROOF *	3,300	$ 3.50 SF	$ 11,550.00
SUSPENDED INTERIOR BUILT UP ROOFING	200	$ 3.50 SF	$ 700.00
BUILT UP ROOFING AND FLASHING WITH DEBRIS PILE	600	$ 10.00 SF	$ 6,000.00
INTERIOR FLASHING CEMENT ON BRICK AND BLOCK	200	$ 6.00 SF	$ 1,200.00
SUBTOTAL			$ 21,450.00
ASBESTOS ABATEMENT CONTINGENCY (10%)			$ 2,145.00
ASBESTOS TOTAL			**$ 23,595.00**

* THE EDGE FLASHING, BUILT-UP ROOFING AND TAR ON CORRUGATED METAL DECK NEEDS TO BE DISPOSED OF AS ASBESTOS-CONTAMINATED WASTE

LEAD BASED PAINT COST ESTIMATE

TCLP RESULTS INDICATE THAT HAZARDOUS LEAD WASTE WILL NOT BE GENERATED AS A RESULT OF DEMOLITIION ACTIVITIES.

UNIVERSAL WASTE ABATEMENT COST ESTIMATE

MATERIAL	QUANTITY	UNIT COST	TOTAL COST
FLOURESCENT LIGHT TUBES DISPOSAL	350	$ 0.50 LF	$ 175.00
PCB/DEHP BALLAST	1	$ 25.00 EACH	$ 25.00
LEAD ACID / NICKLE CADMIUM BATTERIES	2	$ 25.00 EACH	$ 50.00
MERCURY BULB AT THERMOSTAT	1	$ 10.00 EACH	$ 10.00
LABOR	1	$ 500.00 DAY	$ 500.00
SUBTOTAL			$ 760.00
UNIVERSAL WASTE ABATEMENT CONTINGENCY (20%)			$ 152.00
UNIVERSAL WASTE TOTAL			**$ 912.00**

CHLOROFLUOROCARBONS (CFC) ABATEMENT COST ESTIMATE

A.C. UNIT	1	$ 100.00 UNIT	$ 100.00
CFC SUBTOTAL CONTINGENCY			$ 20.00
CFC SUBTOTAL			**$ 120.00**

GRAND TOTAL

*** $ 24,627.00**

*THIS DOES NOT INCLUDE THE COST OF REMOVING PCB-CONTAINING MATERIALS AND CONTAMINATED SUBSTRATE AND SOIL

APPENDIX 7
EAGLE ENVIRONMENTAL INC. LICENSES

CERT# A-609 - 466

CHEMSCOPE TRAINING DIVISION

ASBESTOS INSPECTOR REFRESHER

4HOUR TRAINING CERTIFICATE

Aaron Hatcher

531 North Main Street , Bristol CT

Has attended an 4 hour annual refresher course on the subject discipline on

01/05/2012 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: 01/05/2012

Expiration Date: 01/05/2013

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

Ronald D. Arena or Scott Arena
Training Director Training Manager

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

Litho. in U.S.A.

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS LICENSED BY THIS DEPARTMENT AS A
ASBESTOS CONSULTANT - INSPECTOR

AARON HATCHER

LICENSE NO.
000645
CURRENT THROUGH
05/31/12
VALIDATION NO.
03-245815

SIGNATURE

COMMISSIONER

CERTIFICATE OF ACHIEVEMENT

This certifies that

Hannah Hintz
45 Frederick Street, Bristol, CT 06010
000-00-0583

has successfully completed the

INSPECTOR RISK ASSESSOR INITIAL

Training Course
conducted by
ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

September 19-10, 2011 — *Date of Course*
September 10, 2011 — *Exam Date*
CTLIRA-104 — *Certificate Number*
September 10, 2012 — *Expiration Date*

Training received complies with the requirements of the Connecticut Department of Public Health pursuant to Section 20-477 of the Connecticut General Statutes.

Gregory J. Morash
Training Manager

CERTIFICATE OF ACHIEVEMENT

This certifies that

Hannah Hintz
45 Frederick Street, Bristol, CT 06010
000-00-0583

has successfully completed the

INSPECTOR INITIAL TRAINING

Training Course
conducted by
ATC Associates Inc.
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

September 26-28, 2011 — *Date of Course*
September 28, 2011 — *Exam Date*
ELI-863 — *Certificate Number*
September 28, 2012 — *Expiration Date*

Training received complies with the requirements of the Connecticut Department of Public Health pursuant to Section 20-477 of the Connecticut General Statutes.

Gregory J. Morash
Training Manager

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS CERTIFIED BY THIS DEPARTMENT AS A

LEAD INSPECTOR

HANNAH E HINTZ

CERTIFICATION NO.
002194
CURRENT THROUGH
06/30/12
VALIDATION NO.
03-354973

SIGNATURE

COMMISSIONER

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS LICENSED
BY THIS DEPARTMENT AS A

LEAD CONSULTANT CONTRACTOR

LICENSE NO.
001723
CURRENT THROUGH
04/30/12
VALIDATION NO.
03-219659

EAGLE ENVIRONMENTAL INC.

SIGNATURE

COMMISSIONER

APPENDIX 8
LABORATORY CERTIFICATES

State of Connecticut, Department of Public Health

Approved Environmental Laboratory

THIS IS TO CERTIFY THAT THE LABORATORY DESCRIBED BELOW HAS BEEN APPROVED BY THE STATE DEPARTMENT OF PUBLIC HEALTH PURSUANT TO APPLICABLE PROVISIONS OF THE PUBLIC HEALTH CODE AND GENERAL STATUTES OF CONNECTICUT, FOR MAKING THE EXAMINATIONS, DETERMINATIONS OR TESTS SPECIFIED BELOW WHICH HAVE BEEN AUTHORIZED IN WRITING BY THAT DEPARTMENT.

CON-TEST ANALYTICAL LABORATORY

LOCATED AT 39 SPRUCE STREET, 2ND FLOOR IN EAST LONGMEADOW, MA 01028

AND REGISTERED IN THE NAME OF TOD KOPYSCINSKI

MICHAEL ERICKSON (CHEMISTRY)

THIS CERTIFICATE IS ISSUED IN THE NAME OF KATHERINE ALLEN (MICROBIOLOGY) WHO HAS BEEN DESIGNATED BY THE REGISTERED OWNER/AUTHORIZED AGENT TO BE IN CHARGE OF THE LABORATORY WORK COVERED BY THIS CERTIFICATE OF APPROVAL AS FOLLOWS:

DRINKING WATER, NON-POTABLE WATER/ WASTEWATER, SOLID WASTE\SOIL

Examination For:
BACTERIA
INORGANIC CHEMICALS
ORGANIC CHEMICALS

PAINT CHIPS, SOIL, DUST WIPES

Examination For:
LEAD

SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

THIS CERTIFICATE EXPIRES September 30, 2013 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH

DATED AT HARTFORD, CONNECTICUT, THIS 12th DAY OF October 2011

Registration No.

PH-0567

SUZANNE BLANCAFLOR, MS
CHIEF, ENVIRONMENTAL HEALTH SECTION

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH SECTION

ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM

CERTIFIED ANALYTES REPORT
FOR ALL MATRICES
Con-Test Analytical Laboratory

CT-APP-NUM PH-0567

LOCATION

39 SPRUCE STREET

East Longmeadow MA 01028-

PHONE (413)-525-2332

REGISTERED OWNER/
AUTHORIZED AGENT Tod Kopyscinski

DIRECTOR Michael Erickson (Chemistry)

CO DIRECTOR(S) Katherine Allen (Microbiology)

APPROVED BY PHILIP J. SCHLOSSBERG

DATE 10/12/2011 11:16:13 AM

LABORATORY APPROVAL EXPIRATION DATE 09/30/2013

LABORATORY STATUS APPROVED

ANY QUESTIONS CONCERNING THIS DOCUMENT SHOULD BE ADDRESSED TO
THE ENVIRONMENTAL LABORATORY CERTIFICATION PROGRAM AT (860) 509-7389

DRINKING WATER (SDWA)

STATUS REPORTED ON 10/12/2011

SOC: REGULATED SYNTHETIC ORGANIC CHEMICAL
WITH MINIMUM MDL REQUIREMENTS

ANALYTE NAME

MICROBIOLOGY/BACTERIA

TOT COLIFORM - COLISURE (SM9223)

E.COLI - COLISURE (SM9223)

PHYSICALS

COLOR

ODOR

pH

TURBIDITY

MINERALS

ALKALINITY

CHLORIDE

CHLORINE, FREE RESIDUAL

FLUORIDE

HARDNESS, CALCIUM

NUTRIENTS

NITRATE

NITRITE

METALS

ALUMINUM

ANTIMONY

ARSENIC

BARIUM

BERYLLIUM

BORON

CADMIUM

CALCIUM

CHROMIUM

COPPER

IRON

LEAD

MAGNESIUM

MANGANESE

MERCURY

MOLYBDENUM

NICKEL

POTASSIUM

SELENIUM

SILVER

SODIUM

THALLIUM

VANADIUM

ZINC

RESIDUE

TOTAL DISSOLVED SOLIDS

DEMANDS

TOTAL ORGANIC CARBON

MISCELLANEOUS

CYANIDE (TOTAL)

VOLATILE ORGANICS

VOLATILE ORGANICS - 524.2 (SOC)

1,2-DIBROMO-3-CHLOROPROPANE 504.1 (DBCP) (SOC)

ETHYLENE DIBROMIDE 504.1 (EDB) (SOC)

NON-POTABLE WATER/ WASTEWATER

STATUS REPORTED ON 10/12/2011

ANALYTE NAME

PHYSICALS

COLOR

pH

CONDUCTIVITY

MINERALS

ALKALINITY

CHLORIDE

HARDNESS, TOTAL

HARDNESS, CALCIUM

SULFATE

SULFIDE

NUTRIENTS

AMMONIA

KJELDAHL NITROGEN

NITRATE

NITRITE

O-PHOSPHATE

TOTAL PHOSPHOROUS

METALS

ALUMINUM

ANTIMONY

ARSENIC

BARIUM

BERYLLIUM

BORON

CADMIUM

CALCIUM

CHROMIUM

CHROMIUM - Hexavalent

COBALT

COPPER

IRON

LEAD

MAGNESIUM

MANGANESE

MERCURY

MOLYBDENUM

NICKEL

POTASSIUM

SELENIUM

SILVER

SODIUM

THALLIUM

TIN

TITANIUM

VANADIUM

ZINC

RESIDUE

TOTAL RESIDUE (SOLIDS)

TOTAL DISSOLVED SOLIDS

TOTAL SUSPENDED SOLIDS

DEMANDS

BOD

CARBONACEOUS BOD

COD

TOTAL ORGANIC CARBON

MISCELLANEOUS

CYANIDE (TOTAL)

PHENOLICS

FOAMING AGENTS (MBAS)

DISINFECTANT RESIDUALS

TOTAL CHLORINE

PESTICIDES/ PCB's

POLYCHLORINATED BIPHENYLS

ORGANOCHLORINE PESTICIDES (Single Response)

CHLORDANE (TECHNICAL)

TOXAPHENE

SOLVENTS

OIL AND GREASE

CT Extractable Petroleum Hydrocarbons (ETPH)

MA Volatile Petroleum Hydrocarbons (VPH)

MA Extractable Petroleum Hydrocarbons (EPH)

HERBICIDES

HERBICIDES (ALL)

ORGANICS

ACID EXTRACTABLES (PHENOLS)

BENZIDINES

PHTHALATE ESTERS

NITROSAMINES

NITROAROMATICS & ISOPHORONE

POLYNUCLEAR AROMATIC HYDROCARBONS

HALOETHERS

CHLORINATED HYDROCARBONS

VOLATILE ORGANICS

SOLID WASTE/SOIL

STATUS REPORTED ON 10/12/2011

ANALYTE NAME

ENVIRONMENTAL HEALTH & HOUSING

LEAD IN DUST WIPES
LEAD IN PAINT
LEAD (PAINT) IN SOIL

PHYSICALS

pH

METALS

ALUMINUM
ANTIMONY
ARSENIC
BARIUM
BERYLLIUM
BORON
CADMIUM
CALCIUM
CHROMIUM
CHROMIUM - Hexavalent
COBALT
COPPER
IRON
LEAD
MAGNESIUM
MANGANESE
MERCURY
MOLYBDENUM
NICKEL
POTASSIUM
SELENIUM
SILVER
SODIUM
THALLIUM
TIN
VANADIUM
ZINC

MISCELLANEOUS

CYANIDE (TOTAL)
IGNITABILITY
TCLP LEACH (1311)
REACTIVITY

PESTICIDES/ PCB's

POLYCHLORINATED BIPHENYLS
ORGANOCHLORINE PESTICIDES (Single Response)
CHLORDANE (TECHNICAL)
TOXAPHENE

SOLVENTS

CT Extractable Petroleum Hydrocarbons (ETPH)
MA Volatile Petroleum Hydrocarbons (VPH)
MA Extractable Petroleum Hydrocarbons (EPH)

HERBICIDES

HERBICIDES (ALL)

RCRA (SW-846) ORGANICS

VOLATILE ORGANICS (SW 8260)
ACID EXTRACTABLES (PHENOLS) (SW 8270)
BENZIDINES (SW 8270)
PHTHALATES (SW 8270)
NITROSOAMINES (SW 8270)
NITROAROMATICS & CYCLIC KETONES (SW 8270)
PAH's (SW 8270)
HALOETHERS (SW 8270)
CHLORINATED HYDROCARBONS (SW 8270)

END OF SECTION FOR Con-Test Analytical Laboratory

REPORT PROFILE

Report Printed on:	10/12/2011 11:16:14 AM
Report Name:	APPROVED TESTS_ALT_NEW
Printed by:	phil
Report published from:	CERTIFICATION REPORTS screen #3

lab code = ID1135P
test code = *
matrix code = *
matrix selection = ALL OR SOME MATRICES SELECTED
certifications approved or provisional on 10/12/2011

THIS IS THE LAST PAGE OF THE REPORT

State of Connecticut, Department of Public Health

Approved Environmental Laboratory

THIS IS TO CERTIFY THAT THE LABORATORY DESCRIBED BELOW HAS BEEN APPROVED BY THE STATE DEPARTMENT OF PUBLIC HEALTH PURSUANT TO APPLICABLE PROVISIONS OF THE PUBLIC HEALTH CODE AND GENERAL STATUTES OF CONNECTICUT, FOR MAKING THE EXAMINATIONS, DETERMINATIONS OR TESTS SPECIFIED BELOW WHICH HAVE BEEN AUTHORIZED IN WRITING BY THAT DEPARTMENT.

EMSL ANALYTICAL, INC. – MANHATTAN, NY

LOCATED AT 307 West 38th Street IN New York, NY 10018

AND REGISTERED IN THE NAME OF Peter Frasca, Ph.D.

THIS CERTIFICATE IS ISSUED IN THE NAME OF James Hall WHO HAS BEEN DESIGNATED BY THE REGISTERED OWNER/AUTHORIZED AGENT TO BE IN CHARGE OF THE LABORATORY WORK COVERED BY THIS CERTIFICATE OF APPROVAL AS FOLLOWS:

ASBESTOS

Examination For:
Bulk – Identification (PLM, TEM)
Air – Fiber Counting (PCM, TEM)
Water - TEM

Paint Chips, Soil, Dust Wipes

Examination For:
Lead

SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

THIS CERTIFICATE EXPIRES September 30, 2012 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH

DATED AT HARTFORD, CONNECTICUT, THIS 24th DAY OF September, 2010

Registration No.

PH-0170

SUZANNE BLANCAFLOR, MS
CHIEF, ENVIRONMENTAL HEALTH SECTION