

ENVIRO-TECH SERVICES
Environmental Health and Safety Consultancy
100 Park Avenue, Suite 205
Rockville, Maryland 20850
TEL: (301) 512-0177 FAX: (301) 515-0034

April 20, 2005

Catherine Brooks
Eco-Strip, LLC
1905-B Villaridge Drive
Reston, Virginia 20191

SUBJECT: Personal Lead Exposure Assessment
Department of the Interior
4th Floor, West Wing -5 and
3rd Floor, East Wing-5
Washington, DC
ETS Proposal No. ECO-02172005-01


Dear Catherine:

Enviro-Tech Services, Inc. (ETS) is pleased to submit the personal lead exposure assessment report for the above referenced site. The preliminary personal exposure assessment was performed on April 14, 2005. Subsequently, on April 21, 2005, upon completion of additional training of the individual utilizing the Speedheater IR paint remover 1100 instrument, ETS again performed a personal exposure assessment at a different location. This report includes our findings and the analytical results for this assessment.

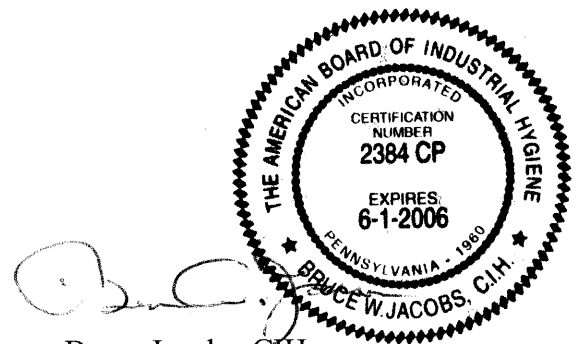
Enviro-Tech Services, Inc. appreciates the opportunity to perform this personal exposure assessment for Eco-Strip, LLC. Please contact our office if we may be of further assistance.

Sincerely,

Enviro-Tech Services, Inc.


Hassan Adib-Samii

Consulting Manager



Bruce Jacobs, CIH

Certified Industrial Hygienist

**THE U.S. DEPT. OF INTERIOR
1849 C STREET, N.W.
WASHINGTON, DC**

**PERSONAL EXPOSURE ASSESSMENT
OF THE
4TH FLOOR, WEST WING-5
&
3RD FLOOR, EAST WING-5**

Prepared for:

ECO-STRIP, LLC

1905-B VILLARIDGE DRIVE
RESTON, VIRGINIA 20191

April 25, 2005

Prepared by:

ENVIRO-TECH SERVICES, INC.
100 PARK AVENUE
SUITE 205
ROCKVILLE, MARYLAND 20850

TABLE OF CONTENTS

1.0	PURPOSE.....	2
2.0	SCOPE OF WORK	2
3.0	BACKGROUND	3
4.0	GENERAL SITE CONDITIONS	3
5.0	IDENTIFYING LEAD HAZARDS	4
	OSHA	4
	HUD AND EPA	5
6.0	LEAD-BASED PAINT (LBP) SURVEY.....	5
	PORTABLE X-RAY FLUORESCENCE (XRF) ANALYZER.....	5
	LEAD PAINT-CHIP.....	6
	PERSONAL EXPOSURE AIR MONITORING	7
7.0	LABORATORY ANALYSIS.....	7
8.0	SAMPLING RESULTS.....	7
	PORTABLE X-RAY FLUORESCENCE (XRF) ANALYZER.....	8
	LEAD PAINT-CHIP.....	9
	PERSONAL EXPOSURE AIR MONITORING	11
9.0	CONCLUSION AND RECOMMENDATIONS	11
10.0	ASSUMPTIONS AND LIMITATIONS.....	12

Appendices:

Appendix A: Data obtained from the XRF Analyzer

Appendix B: Lead Paint-Chip Analysis Reports

Appendix C: Personal Exposure Air Monitoring Results (On April 14, 2005 - Day 1)

Appendix D: Personal Exposure Air Monitoring Results (On April 21, 2005 - Day 2)

Appendix E: Personnel Certifications

1.0 PURPOSE

Enviro-Tech Services, Inc. (ETS) was retained by Eco-Strip, LLC to evaluate two processes: 1) the effectiveness of the Speedheater Infrared (IR) Paint Remover 1100 instrument in removing lead-based paint, and 2) the work practices/worker protection to be utilized by contractors potentially exposed to lead while using the Speedheater Infrared (IR) Paint Remover. The Site selected for the testing was at the U.S. Department of Interior (DOI) located in Washington, DC. The contractor performing the lead-based paint removal was Basic Industries, Inc. and was in total support by both ETS and a representative from Eco-Strip, LLC during the process; including observation of worker practices and testing.

The methodology used was to do a comparative screening Lead Paint Inspection Survey utilizing a spectrum analyzer known as a portable x-ray fluorescence (XRF) analyzer and paint chip analysis before and after lead-paint removal on selected window components. In addition, air quality analyses were performed in the workspace, on the worker, and in the adjoining hallway to assess the presence of lead fumes and lead particulates.

Specifically, ETS was contracted to provide the following services as presented in the ETS Proposal No. ECO-02172005-01.

2.0 SCOPE OF WORK

The SCOPE OF WORK ENTAILED:

- Collecting background paint chip samples to verify and to establish a base-line comparison from the affected surfaces containing lead-based paint;
- Collecting background readings by utilizing a spectrum analyzer known as a portable x-ray fluorescence (XRF) analyzer. The XRF is a state-of-the-art piece of equipment manufactured by Radiation Monitoring Devices, which can determine the percentage of lead in a painted surface without disturbing the painted surface;
- Collecting ambient air samples (general area) for exposure to particulates/fumes during the activities that affect surfaces containing lead-based paint;
- Collecting personal lead-air samples (breathing zone) during the activities that affect surfaces containing lead-based paint;
- Determining where environmental samples needed to be collected; and
- Compiling data showing that the Speedheater IR Paint Remover, when used as described in the Safety and Instruction Manual provided by the manufacturer, can safely and effectively remove lead-based paint without leaving a significant lead residue and without harming workers with dangerous lead fumes and lead particles.

3.0 BACKGROUND

ETS personnel visited the Site on April 14, 2005 for Test Day 1 and on April 21, 2005 for Test Day 2. Catherine Brooks, the Speedheater IR Paint Remover manufacturer's representative, and Henry Garcia, Senior Project Manager, Basic Industries, Inc. were present on both Test Days. Catherine Brooks assessed the proper usage of the Speedheater IR Paint Remover according to the manufacturer's instructions.

On April 14, 2005, ETS conducted a base-line personal exposure monitoring of the air quality while the contractor was using the Speedheater 1100 instrument. In addition, the survey included a visual inspection as well as collection of numerous XRF readings from the painted surfaces, and collection of paint-chip samples from accessible measured surfaces of the window casings to determine the residual levels of lead. A second set of air samples were collected on April 21, 2005, during a second lead paint removal operation using the Speedheater IR Paint Remover.

4.0 GENERAL SITE CONDITIONS

Mr. Hassan Adib-Samii, an EPA accredited lead risk assessor, conducted the personal lead exposure assessment of Basic Industries' work practices on April 14, and 21, 2005. The lead-based paint (XRF) inspection survey of the reference site was conducted on April 14, 2005 (Day 1), by Mr. Richard Brandt, an EPA accredited lead risk assessor. The location of the (XRF) inspection survey was on the 4th floor, west wing 5. In addition, personal exposure monitoring was performed on the 4th floor, west wing 5 and on the 3rd floor, east wing 5.

The location of the tests on Test Day 1 was the 4th floor, west wing 5 of the U. S. Department of Interior. The location of the tests on Test Day 2 was the 3rd floor, east wing 5.

It was observed by the Speedheater manufacturer's representative that the conditions on Test Day 1 were as follows:

- Workers were wearing complete lead-abatement protective gear including Tyvek suits and shoe coverings, respirators with full organic vapor filters (the proper respirator cartridge is the HEPA, or N100 filter to filter out particulate), gloves, eye protection, and fall protection belts and tie-downs.
- The Speedheater instruments were heavily covered with paint on the infrared bulbs and on the protective grid. The internal reflective mirrors were coated with smoke and paint.
- The workers had lowered the side shields on the Speedheater to approximately one inch from the painted surface.
- Workers were holding the activated heating Speedheater on the painted surface for 1-2 minutes. Smoke and vapor fumes were observed being released. The painted surface had scorched bubbles with a diameter of 3-6 inches.

-
- Workers stopped removing the paint when the surface of the wood was smooth and without loose paint yet had at least one-layer of paint remaining above the bare wood.
 - The work areas did not have negative air pressure to properly draw fumes out to the air filters placed outside the work areas and thus control exposure of these fumes to surrounding work areas.

As a result, Test Day 2 was established with the following conditions:

- The work areas were completely sealed and negative air pressure created to draw the fumes and dust particles into the special filters outside the work areas.
- A new, completely clean Speedheater IR Paint Remover was used by the worker throughout the test period.
- The worker was trained for several hours in the manufacturer's recommended, proper use, of the Speedheater. These practices include: full extension of the side shields during the entire work process, less than 60 seconds of exposure of the painted surface to the activated heating Speedheater, and the usage of sharp, pull scrapers with various curved and straight edges. The worker's performance on Test Day 2 was observed to be in compliance with these instructions.

5.0 IDENTIFYING LEAD HAZARDS

There are two methods to test paint for lead content:

- By obtaining a paint-chip sample and having it analyzed by a laboratory by atomic absorption analysis; and
- By using a device called an x-ray fluorescence (XRF) analyzer, which takes a direct reading of the paint in the field.

OSHA

The Occupational Safety and Health Administration (OSHA) 29 CFR 1926.62 regulation pertains to paint containing any amount of lead. OSHA is concerned with worker exposure to lead, not the amount of lead in the paint.

There are two factors that determine the amount of lead dust, and/or fumes generated by a construction activity:

- The amount of lead in the paint; and
- The type of activity being performed.

The lack of a concentration at which paint is defined as lead-based often creates confusion for contractors and employers when they receive test results of paint sampling. What the employer (contractor or building owner) must do is measure exposure levels while their employees perform trigger activities. Testing the paint prior to the commencement of work is required so the paint sample results can be used to determine where to perform the exposure assessment. The contractor should perform the initial assessment on the paint with the highest lead level. If the concentration measured does not exceed the Permissible Exposure Level (PEL), it can be assumed that, under similar conditions, disturbing paint with a lower lead content will also not exceed the PEL.

HUD and EPA

According to the Housing and Urban Development Department (HUD- 24CFR part 35) and the Environmental Protection Agency (EPA- 40 CFR part 745), if atomic absorption analysis is used, and the result is greater than 0.5% or 5,000 parts per million (ppm), the paint is considered lead based. If an XRF is used, and the paint contains greater than 1.0 milligram per square centimeter, (mg/cm^2), it is considered lead-based paint.

6.0 LEAD-BASED PAINT (LBP) SURVEY

In compliance with all applicable EPA, and OSHA regulations, ETS collected samples for airborne lead in air during lead removal activities. Calibrated air pumps using fully validated OSHA/NIOSH sampling and analytical procedures were employed to collect the samples.

Portable X-Ray Fluorescence (XRF) Analyzer

Prior to XRF testing, a designated area was selected and a homogeneous application of paint was identified on a few window casings. The condition of the paint, location, and substrate type were recorded using a portable x-ray fluorescence (XRF) analyzer.

The XRF contains a small radioisotopic source which, when placed against a surface with the trigger depressed, emits radiation to the surface. If the paint contains lead, the radiation will excite the lead atoms to emit X-rays, which are sensed by a detector in the unit. The XRF then converts these signals to a final reading in milligrams of lead per square centimeter. The XRF can only be used on smooth, flat surfaces that are wide enough to accommodate the instrument.

1. An EPA accredited Lead Inspector/Risk Assessor Technician, trained in sampling protocols and use of the x-ray fluorescence analyzer (XRF), RMD Model LPA-1, conducted the inspection on accessible surfaces suspected of being coated with lead paint. Sample sites were selected based on substrate type, component, and external color.
2. A few window-casing surfaces with visible distinct painting histories were tested for the presence of lead-based paint.

3. XRF testing for the presence of lead-based paint was conducted in general accordance with the Housing and Urban Development (HUD) Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing.
4. The following procedures were used to classify single XRF readings:
 - 4.1 Take one reading in Quick Mode on each testing combination.
 - 4.2 Classify each reading based on the type of information displayed:
 - a) If the level is greater than 1.0 (mg/cm²) then classify the reading as positive.
 - b) If the level is equal to 1.0 (mg/cm²) then classify the reading as inconclusive.
 - c) If the level is less than 1.0 (mg/cm²) then classify the reading as negative.

Any inconclusive XRF result must be considered positive until laboratory analysis of a representative paint chip is performed to confirm the presence or absence of lead.

XRF test results, which include the data obtained from the analyzer, are included in Appendix A. In addition, a summary of inspection reports of all identified lead-based paint surfaces using the XRF is found in Table 1; and the effective removal of lead paint to bare wood, utilizing the Speedheater per manufacturer's guidelines, is demonstrated by the post-removal XRF values presented in Table 2.

Lead Paint-Chip

The survey was conducted by an EPA accredited lead risk assessor trained in the protocol used to conduct a lead survey. The survey was conducted in general accordance with HUD (Title X of the Housing and Community Development Act of 1992) Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing.

A total of four paint-chip samples were collected from various window-casing surfaces in the construction/renovation areas. Results of the paint-chip samples are found in Tables 3 and 4.

Federal lead-based paint regulations define a lead-based paint as any paint, or other surface encapsulation material, containing more than 0.50% lead by weight, or greater than 1.0 milligrams per square centimeter. Portions of OSHA Standard 29 CFR 1926.62 "Lead Exposure in Construction" are applicable to construction activities where any amount of lead is present.

Personal Exposure Air Monitoring

Air monitoring was conducted during the project in accordance with Occupational Safety and Health Agency (OSHA) Standard 29 CFR 1910.1025, using procedures outlined in the National Institute for Occupational Safety and Health's (NIOSH) 7082 and 7300 "methods for lead dust/fumes in air sample collection and analysis". This method involves the collection of airborne lead dust/fumes on a 37 mm diameter 0.8-micron pore size mixed cellulose ester filter using a pre-calibrated air-sampling pump.

On-site observations and air monitoring were performed to ensure that the lead workers were not exposed to airborne lead fume levels above the currently enforceable federal Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit (PEL) of 50 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$).

Throughout the removal and clean-up operations, ambient air samples were collected outside the work area to determine whether lead fumes were migrating outside the lead control area and into the surrounding environment. In addition, personal air samples were collected in the breathing zone of Basic Industries' workers to determine their exposure to lead and paint fumes while utilizing the Speedheater IR paint remover 1100.

The laboratory report for air samples collected during the removal operations are attached for your review in Appendices C and D.

7.0 LABORATORY ANALYSIS

All the lead-in-air and the paint-chip samples were submitted to Schneider Laboratories, Inc., of Richmond, Virginia for lead paint-chip analysis by EPA 3050B/ 7420 Method, and the air-filter for lead fume analysis by NIOSH 7300 Method. Schneider Laboratories has the distinguished position of being the first laboratory in the nation to be accredited under the AIHA's Environmental Lead Laboratory Accreditation Program (ELLAP).

This program is recognized by the EPA as meeting the requirements of the National Lead Laboratory Accreditation Program established under Title X of the Residential Lead-Based Paint Hazard Reduction Act of 1992.

8.0 SAMPLING RESULTS

Federal lead-based paint regulations define a lead-based paint as any paint, or other surface encapsulation material, containing more than 0.50% lead by weight (5,000 parts per million, ppm), or greater than 1.0 milligram per square centimeter (mg/cm^2). Portions of OSHA Standard 29 CFR 1926.62 "Lead Exposure in Construction" are enforced if there is any lead detected at any level in the construction activities.

Portable X-Ray Fluorescence (XRF) Analyzer

A total of 20 XRF surface readings were obtained for lead-based paint. Of the 20 surfaces tested, 12 surfaces were determined to be lead-based paint through the use of a portable RMD Model LPA-1 portable x-ray fluorescence (XRF) analyzer. XRF test results, which include the data obtained from the analyzer, are included in Appendix A.

XRF testing revealed levels of lead concentrations greater than or equal to 1.0 mg/cm² on the following surfaces:

Table - 1
U.S. Department of Interior
Identified Lead-Based Paint Surfaces
Random XRF Analytical Results
4th Floor, West, Wing 5
April 14, 2005

Reading Number	Location	Side	Structure	Feature	Lead (mg/cm ²)
004	Room - 001 (4549A)	A	Window	Right Casing	5.9
005		A	Window	Right Casing	1.0
007		A	Window	Right Casing	1.4
008	Room - 002 (4551A)	A	Window	Right Casing	7.0
009		A	Window	Right Casing	2.8
010		A	Window	Right Casing	1.4
013	Room - 003 (4557A)	A	Window	Right Casing	2.6
015	Room - 004 (4558A)	C	Window	Right Casing	1.9
017	Room - 005 (4550A)	C	Window	Right Casing	2.4
018		C	Window	Right Casing	1.5
019	Room - 006 (4546A)	A	Window	Right Casing	6.0
020		A	Window	Right Casing	7.3

Table 2 presents the results from the XRF testing of some of the same surfaces obtained by using the XRF instrument after the removal of the lead-based paint per the manufacturer's instructions using the Speedheater IR Paint Remover 1100 instrument.

Table - 2
U.S. Department of Interior
Total Lead-Based Paint Removal
Window Casing (Bare Wood)
XRF Analytical Results
4th Floor, West, Wing 5
April 14, 2005

Reading Number	Location	Side	Structure	Feature	Lead ** (mg/cm ²)
006	Room - 001 (4549A)	A	Window	Right Casing	0.2
011	Room - 002 (4551A)	A	Window	Right Casing	0.0
012	Room - 002 (4551A)	A	Window	Right Casing	0.1
014	Room - 002 (4557A)	A	Window	Right Casing	0.2

The data demonstrates that effective lead paint removal was achieved using the Speedheater and sharp scrapers without damaging the surface area.

Lead Paint-Chip

Four samples of paint were collected from the interior wood window casings. Analysis for lead-in-paint was performed using the modified Environmental Protection Agency (EPA) 7420 method with subsequent analysis by flame atomic absorption spectroscopy (FLAA). All of the collected samples were submitted to Schneider Laboratories of Richmond, Virginia for analysis.

The federal Department of Housing and Urban Development (HUD) defines paint as lead-containing if 0.5% lead by weight is detected. The laboratory reported that the existing paint samples collected from the interior wood window casings contained greater than 0.5% lead by weight.

The laboratory analysis of paint chip samples collected on April 14, 2005 revealed lead concentrations (Percent by Weight) on the following surfaces:

Table - 3
U.S. Department of Interior
Lead Paint Chip Sample Results
Analysis by EPA 7420 Method (% by Weight)
4th Floor, West, Wing 5
April 14, 2005

SAMPLE NUMBER	SAMPLE DESCRIPTION	LEAD CONCENTRATION (% By Weight)
1C	4 th floor, Rm.4549A, Existing Paint on the Window Casing	8.785
3C	4 th floor, Rm.4551A, Existing Paint on the Window Casing	9.931

Note: All painted surfaces were in good condition prior to the removal.

Laboratory analysis of paint chip samples collected on April 14, 2005 (from painted surfaces with inconclusive XRF readings) revealed lead concentrations milligrams per square centimeter (mg/cm^2), on the following surfaces:

Table - 4
U.S. Department of Interior
Measured Lead Paint Chip Sample Results
Analysis by EPA 7420 Method (mg/cm^2)
4th Floor, West, Wing 5
April 14, 2005

SAMPLE NUMBER	SAMPLE DESCRIPTION	LEAD CONCENTRATION (mg/cm^2)
2C	4 th floor, Rm.4549A, Post Paint Removal (Smooth Surface with some paint remaining) on the Window Casing	0.672
4C	4 th floor, Rm.4551A, Post Paint Removal (Smooth Surface with some paint remaining) on the Window Casing	1.896

Personal Exposure Air Monitoring

On two different occasions, Test Day 1 and Test Day 2, ETS personnel collected a total of 5 airborne lead fume/particulate samples on 37 mm diameter 0.8-micron pore size mixed cellulose ester filters using pre-calibrated air-sampling pumps.

These general area and personal samples were analyzed by Schneider Laboratories using Inductively Coupled Plasma Mass Spectrometer (ICP-MS). Samples were analyzed in accordance with EPA 7300 Method. The NIOSH 7300 method is intended to promote accuracy, sensitivity, and specificity in industrial hygiene analyses.

The Lead Exposure in Construction Standard requires the employer to assure that no employee is exposed to lead at concentrations greater than 50 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) of air averaged over an eight-hour period. The standard further requires the employer to make a determination of its employee's potential exposure to lead. This initial determination is typically achieved by performing personal monitoring during various "representative" renovation activities. The level of personal and respiratory protection is modified based upon the results of the monitoring.

The laboratory analytical reports for the air samples collected during the removal operations are attached for your review in Appendices C and D.

The results show that:

- ❖ Workers had personal exposures of approximately 17 to 19 $\mu\text{g}/\text{m}^3$ of lead, well below the OSHA PEL of 50 $\mu\text{g}/\text{m}^3$, and the OSHA Action Level of 30 $\mu\text{g}/\text{m}^3$.
- ❖ Lead-in-air levels within the paint removal work area showed very low levels (1.5 to 2.7 $\mu\text{g}/\text{m}^3$).
- ❖ The lead-in-air concentration outside the work area was barely detectable, at 0.21 $\mu\text{g}/\text{m}^3$.

9.0 CONCLUSION AND RECOMMENDATIONS

This limited assessment found that:

- ❖ Use of the Speedheater IR Paint Remover, according to manufacturer's instructions, is effective in removing lead-based paint without generating large quantities of waste or high concentrations of airborne lead fumes/particulate, and
- ❖ Worker exposures, and general area airborne lead concentrations, were well controlled during the test conditions that included general work area ventilation provided by the containment and negative pressure workplace set-up.

Based on the scope of work conducted during this risk assessment and the worker practices and status of the maintenance of the Speedheater IR Paint Remover at the time of these tests, ETS concludes and recommends the following:

1. On-site observations and air monitoring laboratory analysis reports for day 1 and day 2 indicated that the lead workers were not exposed to airborne lead fume levels above the currently enforceable Federal Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit (PEL) of 50 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) for the 8 hr TWA (or the Action Level of $30 \mu\text{g}/\text{m}^3$).
2. The exposure to fumes should be controlled by an adequate ventilation system in order to minimize the health hazards to airborne particulates. This can readily be accomplished using the typical negative pressure ventilation control technique typically used in such operations.
3. The use of proper protective clothing (Tyvek Coverall) and respirators for protection against lead paint particulates/fumes should be implemented as worker protection control measures (including NIOSH/Mine Safety Health Administration approved respirator/cartridges for fumes/particulates – N100).
4. Workers should be re-trained, as needed, to operate the Speedheater IR Paint Remover in accordance with the manufacturer's Safety and Instruction Manual. Performance monitoring should be conducted regularly by the contractor staff to assure proper work procedures using this tool are followed.
5. The Speedheater IR Paint Remover should be thoroughly cleaned regularly or replaced if it cannot be cleaned to allow for proper efficiency and its safe operation according to the manufacturer's guidelines.
6. Painted surfaces identified as containing any detectable quantity of lead must be handled in accordance with the requirements of 29 CFR 1926.62 (Lead Exposure in Construction Standard).

10.0 ASSUMPTIONS AND LIMITATIONS

The findings and conclusions in this report are based only on conditions which were observed at the site during our air sampling. Enviro-Tech Services, Inc. (ETS) and this report make no representation or assumptions as to past conditions or future occurrences.

The staff at Enviro-Tech Services has performed the Client-requested tasks listed above in a thorough and professional manner consistent with commonly accepted standard industry practices, using state of the art practices and best available known technology, as of the date of the assessment. Enviro-Tech Services cannot guarantee and does not warrant that this Personal Exposure Assessment/Limited LBP Testing has identified all adverse environmental factors and/or conditions affecting the subject property on the date of the assessments.

Enviro-Tech Services cannot and will not warrant that the Assessment/Limited Testing that was requested by the client will satisfy the dictates of, or provide a legal defense in connection with, any environmental laws or regulations. It is the responsibility of the client to know and abide by all applicable laws, regulations, and standards.

The results reported and conclusions reached by Enviro-Tech Services are solely for the benefit of the client. The results and opinions in this report, based solely upon the conditions found on the property as of the date of the Assessment, will be valid only as of the date of the Assessment. Enviro-Tech Services assumes no obligation to advise the client of any changes in any real or potential lead hazards at this Site that may or may not be later brought to our attention. Further conditions and limitations to this contracted report are included in the general terms and conditions supplied to the client with the contract for services.

APPENDIX A

LEAD PAINT INSPECTION REPORT

REPORT NUMBER: S#01171 - 04/14/05 08:06

INSPECTION FOR: Eco-Strip
100 Park Avenue Suite 205
Rockville, Maryland 20850

PERFORMED AT: 1849 C Street NW
Washington, DC 20007

INSPECTION DATE: 04/14/05

INSTRUMENT TYPE: R M D
MODEL LPA-1
XRF TYPE ANALYZER
Serial Number: 01171

ACTION LEVEL: 1.0 mg/cm²

OPERATOR LICENSE: 5662

SIGNED: _____

Rick Brandt

Rick Brandt

Date: _____

4-22-2005

SUMMARY REPORT OF LEAD PAINT INSPECTION FOR: Eco-Strip

Inspection Date: 04/14/05
 Report Date: 4/22/2005
 Abatement Level: 1.0
 Report No. S#01171 - 04/14/05 08:06
 Total Readings: 23 Actionable: 12
 Job Started: 04/14/05 08:06
 Job Finished: 04/14/05 09:36

1849 C Street NW
 Washington, DC 20007

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm ²)	Mode
Interior Room 001 4549A									
004	A	Window	Ctr	Rgt casing	I	N/A	N/A	5.9	QM
005	A	Window	Ctr	Rgt casing	I	N/A	N/A	1.0	QM
007	A	Window	Ctr	Rgt casing	I	N/A	N/A	1.4	QM
Interior Room 002 4551A									
008	A	Window	Ctr	Rgt casing	I	N/A	N/A	7.0	QM
009	A	Window	Ctr	Rgt casing	I	N/A	N/A	2.8	QM
010	A	Window	Ctr	Rgt casing	I	N/A	N/A	1.4	QM
Interior Room 003 4557A									
013	A	Window	Ctr	Rgt casing	I	N/A	N/A	2.6	QM
Interior Room 004 4558A									
015	C	Window	Ctr	Rgt casing	I	N/A	N/A	1.9	QM
Interior Room 005 4550A									
017	C	Window	Ctr	Rgt casing	I	N/A	N/A	2.4	QM
018	C	Window	Ctr	Rgt casing	I	N/A	N/A	1.5	QM
Interior Room 006 4546A									
019	A	Window	Ctr	Rgt casing	I	N/A	N/A	6.0	QM
020	A	Window	Ctr	Rgt casing	I	N/A	N/A	7.3	QM
----- End of Readings -----									

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Eco-Strip

Inspection Date: 04/14/05
 Report Date: 4/22/2005
 Abatement Level: 1.0
 Report No. S#01171 - 04/14/05 08:06
 Total Readings: 23
 Job Started: 04/14/05 08:06
 Job Finished: 04/14/05 09:36

1849 C Street NW
 Washington, DC 20007

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm ²)	Mode
Interior Room 001 4549A									
004	A	Window	Ctr	Rgt casing	I	N/A	N/A	5.9	QM
005	A	Window	Ctr	Rgt casing	I	N/A	N/A	1.0	QM
006	A	Window	Ctr	Rgt casing	I	N/A	N/A	0.2	QM
007	A	Window	Ctr	Rgt casing	I	N/A	N/A	1.4	QM
Interior Room 002 4551A									
008	A	Window	Ctr	Rgt casing	I	N/A	N/A	7.0	QM
009	A	Window	Ctr	Rgt casing	I	N/A	N/A	2.8	QM
010	A	Window	Ctr	Rgt casing	I	N/A	N/A	1.4	QM
011	A	Window	Ctr	Rgt casing	I	N/A	N/A	0.0	QM
012	A	Window	Ctr	Rgt casing	I	N/A	N/A	0.1	QM
Interior Room 003 4557A									
013	A	Window	Ctr	Rgt casing	I	N/A	N/A	2.6	QM
014	A	Window	Ctr	Rgt casing	I	N/A	N/A	0.2	QM
Interior Room 004 4558A									
015	C	Window	Ctr	Rgt casing	I	N/A	N/A	1.9	QM
016	C	Window	Ctr	Rgt casing	I	N/A	N/A	0.7	QM
Interior Room 005 4550A									
017	C	Window	Ctr	Rgt casing	I	N/A	N/A	2.4	QM
018	C	Window	Ctr	Rgt casing	I	N/A	N/A	1.5	QM
Interior Room 006 4546A									
019	A	Window	Ctr	Rgt casing	I	N/A	N/A	6.0	QM
020	A	Window	Ctr	Rgt casing	I	N/A	N/A	7.3	QM
Calibration Readings									
001								0.9	Std
002								0.8	Std
003								0.9	Std
021								0.9	Std
022								0.9	Std
023								0.8	Std

---- End of Readings ----

DISTRIBUTION REPORT OF LEAD PAINT INSPECTION FOR: Eco-Strip

Inspection Date: 04/14/05 1849 C Street NW
Report Date: 4/22/2005 Washington, DC 20007
Abatement Level: 1.0
Report No. S#01171 - 04/14/05 08:06
Total Reading Sets: 17
Job Started: 04/14/05 08:06
Job Finished: 04/14/05 09:36

Structure	Total	Structure Distribution		
		Positive	Negative	Inconclusive
Window Rgt casing	17	12 <71%>	5 <29%>	0 <0%>
Inspection Totals:	17	12 < 71%>	5 < 29%>	0 < 0%>

APPENDIX B



Schneider Laboratories, Inc.
 2512 West Cary Street
 Richmond, Virginia 23220-5117
 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
 www.slabinc.com e-mail: info@slabinc.com

Submitting Enviro-Tech Services, Inc.
 100 Park Avenue Suite 205
 Rockville, MD 20850

Project Name Dept. of Interior, Wash DC
 Project Location 4th floor, West Wing-6
 Project Number ETS-041405-01
 Purchase Order No. ECo-02172005-01
 State Where Samples Were Collected DC

Special Instructions [include requests for special reporting or data packages]
 Please fax Results to 301-515-0034

Lab Use #
 Fax # 301-515-0034
 Phone # 301-515-0177

Matrix / Sample Type (Select ONE)
 All samples on form should be of SAME matrix type. Use additional forms as needed.
 Air
 Aqueous
 Bulk
 Hi-Vol Filter (PM10)
 Hi-Vol Filter (TSP)
 Oil
 Paint
 Sludge
 Soil
 STANDARD (5 days)
 Standard Full TCLP (10d)
 Weekend
 not available for all tests
 Schedule rush organics, multi-metals & weekend tests in advance

Asbestos Air/Fiber Counts
 PCM (NIOSH 7400)
 TEM (AHERA)
 TEM (EPA Level II)
 NRELAP 198 1/4
 CAELAP (EPA Interim)
 TEM (Chalfield)
 FOR ASBESTOS AIR: TYPE OF RESPIRATOR USED

Miscellaneous Tests
 Total Dust (NIOSH 0500)
 Resp Dust (NIOSH 0600)
 Silica - FTIR (NIOSH 7602)
 Silica - XRD (NIOSH 7500)

Extraction Procedures
 TCLP / Lead
 TCLP / RCRA Metal Profile
 TCLP / FULL (w/ organics)

Test / Analytes (Select ALL that Apply)
 Metals-Total Conc
 Lead
 RCRA Metals
 ORGANICS TESTS and other Analytes
 NOTE: All samples for organics should be kept at 4°C from collection until testing. Schedule rush analyses in advance. Indicate preservatives added & media type. Indicate analysis method for organics tests.

Sample #	Date Sampled	Time	Sample Identification (e.g. Employee, SSN, Bldg, Material)	Wipes		Information for Air Samples		Organics						
				Wipe Area (ft ²)	Type of A.P.F.	Start	Stop	Start	Stop	Total Air Vol	# Closures			
1-C	4/14/05		4th fl., Rm. 4549A, Existing Paint on Window Casings											
2-C			4th fl., Rm. 4549A, Post Paint Removal, Clean Layer Window Casings											
3-C			4th fl., Rm. 4551A, Existing Paint on Window Casings											
4-C			4th fl., Rm. 4551A, Post Paint Removal, Clean Layer Window Casings											

Note: Samples 2-C & 4-C were post-paint removal, cleaned layer (exceptable to painting contractor)

Sample Collection & Custody Information
 Sampled by (NAME) [Signature] (SIGNATURE) [Signature] (DATE/TIME) 4/14/05
 Relinquished by (NAME) [Signature] (SIGNATURE) [Signature] (DATE/TIME) 4/14/05
 Received by (NAME) [Signature] (SIGNATURE) [Signature] (DATE/TIME)
 JFX JAB UPS USM HD DB COURIER
 Unusual Sample Condition Noted: _____
 WAYBILL # _____
 Chain-of-Custody document continued internally within lab.

SCHNEIDER LABORATORIES

INCORPORATED

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • (FAX) 804-353-6928

Excellence in Service and Technology

AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, CAELAP 2078, NC 593

LABORATORY ANALYSIS REPORT

Lead Analysis by EPA 3050B/7420 Method

ACCOUNT #: 2950-05-46
CLIENT: Enviro-Tech Services, Inc.
ADDRESS: 100 Park Avenue Suite 205
Rockville, MD 20850
PO NO.: ECO-02172005-01
PROJECT NAME: Dept. of Interior
PROJECT NO.: ETS-041405-01
JOB LOCATION: 4th Floor, W Wing-5

DATE COLLECTED: 4/14/2005
DATE RECEIVED: 4/15/2005
DATE ANALYZED: 4/15/2005
DATE REPORTED: 4/19/2005

SAMPLE TYPE: PAINT

SLI Sample No.	Client Sample No.	Sample Description	Sample Wt (mg)	Dilution Factor	Total Lead (µg)*	Lead Conc (% by wt)
28447633	1-C	4th Fl Rm 4549A	566	100	49,724.4	8.785
28447635	3-C	4th Fl Rm 4551A	521	100	51,742.0	9.931

Analysis Run ID: 33625

ANALYST: HANY IBRAHIM
Total no. of pages in report = 1


REVIEWED BY Matthew D. Asbury, Lab Director

*** AMENDED REPORT ***

Minimum Reporting Limit: 20 µg Total Lead. For work involving HUD, child-occupied building and other residential units, the Federal Lead Standard is 0.5% lead by weight [5000 ppm]. The requirements of the OSHA Lead in Construction Standard, 29 CFR 1926.62, are invoked if any lead is present in the sample; there is no minimum concentration. Lead-free paint is defined as <0.06% by weight (CPSC). *For true values, assume two (2) significant figures. All testing is performed in strict accordance with Schneider Laboratories, Inc. protocol.



Schneider Laboratories, Inc.

2512 West Cary Street
Richmond, Virginia 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
www.slabinc.com e-mail: info@slabinc.com

Submitting Enviro-Tech Services, Inc.
100 Park Avenue Suite 205
Rockville, MD 20850

Project Name Dept. of Interior Wash DC Special Instructions [include requests for special reporting or data packages]

Project Location 4th floor, West wing-6 Please fax Results to 301-515-0034

Project Number ETS-04405-01 STATE WHERE SAMPLES WERE COLLECTED DC

Purchase Order No. ECG-027205-01

Lab Use: W07
Acct # 2950
Phone # 301-515-0177
Fax # 301-515-0034
ORGANICS TESTS and other Analyses
NOTE: All samples for organics should be kept at 4°C from collection until testing. Schedule rush analyses in advance. Indicate preservatives added & media type. Indicate analysis method for organics tests.

Matrix / Sample Type (Select ONE)
All samples on form should be of SAME matrix type. Use additional forms as needed.

Asbestos Air / Fiber Counts
 PCM (NIOSH 7400)
 TEM (AHERA)
 TEM (EPA Level II)

Miscellaneous Tests
 Total Dust (NIOSH 0500)
 Resp Dust (NIOSH 0600)
 Silica - FTIR (NIOSH 7602)
 Silica - XRD (NIOSH 7500)

Asbestos Bulk / Ash ID
 PLM (EPA 600, 1993)
 PLM (EPA Point Count)
 PLM (Qualitative only)
 NYELAP 198 1/4
 CAELAP (EPA Interim)
 TEM (Chatfield)

Metals - Total Conc.
 Lead
 RCRA Metals

Extraction Procedures
 TCLP / Lead
 TCLP / RCRA Metal Profile
 TCLP / FULL (w/ organics)

FOR ASBESTOS AIR: TYPE OF RESPIRATOR USED

Turn Around Time
 6-8 hours*
 24 hours*
 48 hours*
 72 hours*
 STANDARD (5 days)
 Standard Full TCLP (10d)
 Weekend*

Matrix type:
 Air
 Aqueous
 Bulk
 Hi-Vol Filter (PM10)
 Hi-Vol Filter (TSP)
 Oil
 Paint
 Sludge
 Soil

not available for all tests
Schedule rush organics, multi-metals & weekend tests in advance

Sample #	Date Sampled	Time	Sample Identification (e.g. Employee, SSN, Bldg, Material)	Wipes		Information for Air Samples				Total Air Vol	# containers	
				Wiped Area (ft ²)	Type A/B/P/E	Start	Stop	Start	Stop			Flow Rate
1-C	4/14/05		4th fl, Rm. 4549A, Existing Paint on window casing									
2-C			4th fl, Rm. 4549A, Post Paint Removal, clean layer window casing									
3-C			4th fl, Rm. 4551A, Existing Paint on window casing									
4-C			4th fl, Rm. 4551A, Post Paint Removal, Clean layer window casing									
			Note: Samples 2-C & 4-C were post-paint removal, cleaned layer (acceptable to painting contractor)									

Sample Collection & Custody Information

Sampled by [NAME] [SIGNATURE] [DATE/TIME] 4/14/05 () Sample return requested

Relinquished by [NAME] [SIGNATURE] [DATE/TIME] 4/14/05 () Ambient temp [] Cool [] °C

Received by [NAME] [SIGNATURE] [DATE/TIME] () PH [] C [] R [] S

() FX () AB () UPS () USM () HD () DB () COURIER WAYBILL #

Unusual Sample Condition Noted: _____

Chain-of-Custody document continued internally within lab.

SCHNEIDER LABORATORIES INCORPORATED

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • (FAX) 804-353-6928

Excellence In Service and Technology

AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, CAELAP 2078, NC 593

LABORATORY ANALYSIS REPORT

Lead Analysis by EPA 3050B/7420 Method

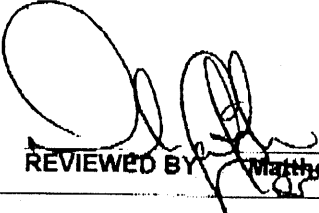
ACCOUNT #: 2950-05-48
CLIENT: Enviro-Tech Services, Inc.
ADDRESS: 100 Park Avenue Suite 205
Rockville, MD 20850
PO NO.: ECO-02172005-01
PROJECT NAME: Dept. of Interior
PROJECT NO.: ETS-041405-01
JOB LOCATION: 4th Floor, W Wing-5

DATE COLLECTED: 4/14/2005
DATE RECEIVED: 4/15/2005
DATE ANALYZED: 4/15/2005
DATE REPORTED: 4/19/2005

SAMPLE TYPE: PAINT-CM

SLI Sample No.	Client Sample No.	Sample Description	Sample Area (cm ²)	Dilution Factor	Total Lead (µg)*	Lead Conc (mg/cm ²)
28447993	2-C	4th Fl Rm 4549A	6.45	10	4,333.5	0.672
28447994	4-C	4th Fl Rm 4551A	6.45	20	12,231.5	1.896
Analysis Run ID: 33625						

ANALYST: HANY IBRAHIM
Total no. of pages in report = 1


REVIEWED BY: Matthew D. Asbury, Lab Director

*** AMENDED REPORT ***

Minimum Reporting Limit: 20 µg Total Lead. For work involving HUD, child-occupied building and other residential units, the Federal Lead Standard is 1.0 mg/cm². The requirements of the OSHA Lead in Construction Standard, 29 CFR 1926.62, are invoked if any lead is present in the sample; there is no minimum concentration. Lead-free paint is defined as <0.06% by weight (CPSC). *For true values, assume two (2) significant figures. All testing is performed in strict accordance with Schneider Laboratories, Inc. protocol.

APPENDIX C



Schneider Laboratories, Inc.

2512 West Cary Street
Richmond, Virginia 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
www.slabinc.com e-mail: info@slabinc.com

Submitting Enviro-Tech Services, Inc.
100 Park Avenue Suite 205
Rockville, MD 20850

Project Name Dept. of Interior, Wash, DC
Project Location 4th floor, West wing-6
Project Number ET-04405-01
Purchase Order No. Eco-02172005-01
Special Instructions [Include requests for special reporting or data packages]
Please fax results to 301-515-0034
STATE WHERE SAMPLES WERE COLLECTED DC

Phone # 301-512-0177
Fax # 2950

Phone # 301-515-0034

ORGANICS TESTS and other Analytes

NOTE: All samples for organics should be kept at 4°C from collection until testing. Schedule rush analyses in advance. Indicate preservatives added & media type. Indicate analysis method for organics tests.

Tests / Analytes (Select ALL that Apply)

Asbestos Bulk / Aab ID

PLM (EPA 600, 1993)
 PLM (EPA Point Count)
 PLM (Qualitative only)
 NYELAP 198 1.4
 CAELAP (EPA Interim)
 TEM (Chalfield)
FOR ASBESTOS AIR: TYPE OF RESPIRATOR USED

Asbestos Air / Fiber Counts

PCM (NIOSH 7400)
 TEM (AHERA)
 TEM (EPA Level II)

Miscellaneous Tests

Total Dust (NIOSH 0500)
 Resp. Dust (NIOSH 0600)
 Silica - FTIR (NIOSH 7602)
 Silica - XRD (NIOSH 7500)

Metals - Total Conc.

Lead
 RCRA Metals
 Lead fumes
 NIOSH 7300

Extraction Procedures

TCLP / Lead
 TCLP / RCRA Metal Profile
 TCLP / FULL (w/ organics)

Matrix / Sample Type (Select ONE)

All samples on form should be of SAME matrix type. Use additional forms as needed.

Air
 Aqueous
 Bulk
 Hi-Vol Filter (PM10)
 Hi-Vol Filter (TSP)
 Oil
 Paint
 Sludge
 Soil

6-8 hours*
 24 hours*
 48 hours*
 72 hours*
 STANDARD (5 days)
 Standard Full TCLP (10d)
 Weekend*
 not available for all tests
 Schedule rush organics, multi-metals & weekend tests in advance.

Sample #	Date Sampled	Time	Sample Identification (e.g. Employee, SSN, Bldg, Material)	Wipes		Information for Air Samples		Flow Rate		Total Air Vol	Organics # containers
				Wiped Area (ft ²)	Type A/B/P/E	Start	Stop	Start	Stop		
1-A	4/14/05		AIRWAYS IN THE RM. 4549A WHILE CREW WAS REMOVING PAINT USING SPEECHHEATERS & SCRAPERS		A	8:00 AM	1:45 PM	5.0	5.0	1725	
2-P	4/14/05		PERSONNEL VESTS SS # 4934 WHILE USING THE SPEECHHEATERS REMOVING SCRAPING AND CLEANING UP THE DEBRIS ASSOCIATED WITH THE REMOVAL OF PAINT		P	8:10 AM	2:10 PM	2.5	2.5	900	
Note: Aerial Personal Samples were collected for lead fumes during paint removal.											

Sample Collection & Custody Information

Sampled by [NAME] [Signature] (DATE/TIME) 4/14/05
 Relinquished by [NAME] [Signature] (DATE/TIME) 4/14/05
 Received by [NAME] [Signature] (DATE/TIME) _____

[] FX [] AB [] UPS [] USM [] HD [] DB [] COURIER
 WAYBILL # _____

Volume in Liters (line in run - low in Unit) _____

Volume in Liters (line in run - low in Unit) _____

Volume in Liters (line in run - low in Unit) _____

SCHNEIDER LABORATORIES

INCORPORATED

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • (FAX) 804-353-6928

Excellence In Service and Technology

AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/NELAC 11413, CAELAP 2078, NC 593

LABORATORY ANALYSIS REPORT

Air Filter Lead Analysis by NIOSH 7300 Method

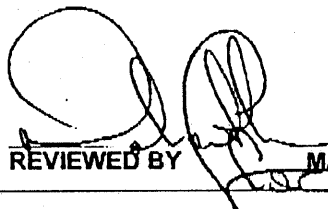
ACCOUNT #: 2950-05-47
CLIENT: Enviro-Tech Services, Inc.
ADDRESS: 100 Park Avenue Suite 205
Rockville, MD 20850
PO NO.: ECO-02172005-01
PROJECT NAME: Dept Of Int Wash, DC
PROJECT NO.: ETS-041405-01
JOB LOCATION: 4th Flr West Wing 5

DATE COLLECTED: 4/14/2005
DATE RECEIVED: 4/15/2005
DATE ANALYZED: 4/15/2005
DATE REPORTED: 4/19/2005

SAMPLE TYPE: AIR

SLI Sample No.	Client Sample No.	Sample Description	Sample Time (min)	Flow Rate (L/min)	Sample Volume (L)	DII Factor	Total Lead (µg)*	Actual Exp (µg/m ³)	8 Hour TWA (µg/m ³)
284477861-A		Inside Rm4599A	345.00	5.00	1,725.00	1	6.50	3.77	2.71
284477872-P		Valdez, B.	360.00	2.50	900.00	1	20.70	23.00	17.25
Analysis Run ID:		33638							

ANALYST: M. TODD GIBSON
Total no. of pages in report = 1


REVIEWED BY Matthew D. Asbury, Lab Director

*** AMENDED REPORT ***

OSHA PEL is 50 µg/m³ for the 8 hr TWA; OSHA action level is 30 µg/m³ for the 8 Hr TWA. Minimum Reporting Limit: 0.4 µg Total Lead. Quality control data is available from the laboratory upon request. Exposure calculations are based on client-supplied information and assume zero exposure for time not sampled. *For true values, assume two (2) significant figures. Results are not blank-corrected unless noted by analyst. The client is responsible for verifying applicable standards and limits. See www.osha.gov (29 CFR Part 1910.1000).

APPENDIX D



Schneider Laboratories, Inc.
 2512 West Cary Street
 Richmond, Virginia 23220-5117
 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475
 www.slabinc.com e-mail: info@slabinc.com

Submitting **Enviro-Tech Services, Inc.**
 100 Park Avenue Suite 205
 Rockville, MD 20850

Project Name **Dept. of Interior, Wash. D.C.** *Special Instructions [include requests for special reporting or data packages]*
 Project Location **3rd floor, East Wing** *please fax Results to 301-515-0034*
 Project Number **ETS-042105-01**
 Purchase Order No. **ECO-02172005-01** STATE WHERE SAMPLES WERE COLLECTED **DC**

Turn Around Time Matrix / Sample Type (Select ONE)
 6-8 hours*
 24 hours*
 48 hours*
 72 hours*
 STANDARD (5 days)
 Standard Full TCLP (10d)
 Weekend*
 not available for all tests
 Schedule rush organics, multi-metals & weekend tests in advance.

Matrix Type All samples on form should be of SAME matrix type. Use additional forms as needed.
 Air
 Aqueous
 Bulk
 Hi-Vol Filter (PM10)
 Hi-Vol Filter (TSP)
 Oil
 Paint
 Sludge
 Soil
 Solid
 Waste
 Wastewater
 Water, Drinking
 Compliance
 Wipe
 Wipe, Composite
 Lead
 Fumes

Asbestos Air/Fiber Counts
 PCM (NIOSH 7400)
 TEM (AHERA)
 TEM (EPA Level II)
 NRELAP 198 1.4
 CAELAP (EPA Interim)
 TEM (Chattfield)
FOR ASBESTOS AIR: TYPE OF RESPIRATOR USED

Asbestos Bulk / Ash ID
 PLM (EPA 600, 1993)
 PLM (EPA Point Count)
 PLM (Qualitative only)
 Lead Fumes
 NIOSH 7300

Miscellaneous Tests
 Total Dust (NIOSH 0500)
 Resp Dust (NIOSH 0600)
 Silica - FTIR (NIOSH 7602)
 Silica - XRD (NIOSH 7500)

Metals - Total Conc.
 Lead
 RCRA Metals
 TCLP / Lead
 TCLP / RCRA Metal Profile
 TCLP / FULL (w/ organics)

Sample #	Date Sampled	Time	Sample Identification (e.g. Employee, SSN, Bldg, Material)	Wipes		Information for Air Samples				Total Air Vol	# containers
				Wiped Area (ft ²)	Type A,B,P	In.²	Start	Stop	Flow Rate		
1-A	4/21/05		Area, outside by the Entrance to office 352a	A	7:00	2:08	5.0	5.0	2.140		
2-A			Area, inside Rm. 352a & 352c while removing paint using speedheater & scraping	A	7:00	2:10	5.0	5.0	2.150		
3-P			Pers. Lidia Herrera s.s. # 6848 while using the speed heater removing, scraping and peeling up the paint debris associated with the removal	P	7:30	2:15	2.5	2.5	1.013		
4-B			Blank	B							

Sample Collection & Custody Information
 Sampled by (NAME) *[Signature]* (DATE/TIME) *4/21/05*
 Relinquished by (NAME) *[Signature]* (DATE/TIME) *4/21/05*
 Received by (NAME) *[Signature]* (DATE/TIME) _____ (DATE/TIME) _____
 FX AB UPS USM HD DB COURIER WAYBILL # _____
 Volume in Liters (line in min. flow in L/min) _____
 Pump Calibration in Liters/Minute _____
 Beginning/End of Sample Period _____
 Type of Sample _____
 Type of Pump _____
 Type of Filter _____
 Type of Respiration _____
 Type of Sample _____
 Type of Pump _____
 Type of Filter _____
 Type of Respiration _____
 Type of Sample _____
 Type of Pump _____
 Type of Filter _____
 Type of Respiration _____

SCHNEIDER LABORATORIES INCORPORATED

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • (FAX) 804-353-6928
Excellence in Service and Technology
AIHA/ELLAP 100527, NVLAP 101150-0, NYELAP/INELAC 11413, CAELAP 2078, NC 593

LABORATORY ANALYSIS REPORT

Air Filter Lead Analysis by NIOSH 7300 Method

ACCOUNT #: 2950-05-49
CLIENT: Enviro-Tech Services, Inc.
ADDRESS: 100 Park Avenue Suite 205
Rockville, MD 20850
PO NO.: ECO-02172005-01
PROJECT NAME: Dept Of Int Wash, DC
PROJECT NO.: ETS042105-01
JOB LOCATION: 3rd Flr East Wing-5

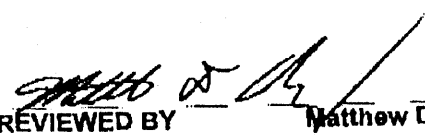
DATE COLLECTED: 4/21/2005
DATE RECEIVED: 4/22/2005
DATE ANALYZED: 4/25/2005
DATE REPORTED: 4/25/2005

SAMPLE TYPE: AIR

SLI Sample No.	Client Sample No.	Sample Description	Sample Time (min)	Flow Rate (L/min)	Sample Volume (L)	Dil Factor	Total Lead (µg)*	Actual Exp (µg/m³)	8 Hour TWA (µg/m³)
284579261-A		Out By Ent Off 3622	428.00	5.00	2,140.00	1	0.50	0.23	0.21
284579262-A		In Rm3522 & 3520	430.00	5.00	2,150.00	1	3.50	1.63	1.46
284579273-P		Herrera, L.	405.00	2.50	1,012.50	1	22.40	22.12	18.67
284579284-B		Blank				1	< 0.40		
Analysis Run ID:		33737							

ANALYST: M. TODD GIBSON
Total no. of pages in report = /

REVIEWED BY


Matthew D. Asbury, Lab Director

OSHA PEL is 50 µg/m³ for the 8 hr TWA; OSHA action level is 30 µg/m³ for the 8 Hr TWA. Minimum Reporting Limit: 0.4 µg Total Lead. Quality control data is available from the laboratory upon request. Exposure calculations are based on client-supplied information and assume zero exposure for time not sampled. *For true values, assume two (2) significant figures. Results are not blank-corrected unless noted by analyst. The client is responsible for verifying applicable standards and limits. See www.osha.gov (29 CFR Part 1910.1000).

APPENDIX E

GOVERNMENT OF THE DISTRICT OF COLUMBIA

Department of Health Environmental Health Administration

Bureau of Hazardous Material and Toxic Substances

Lead Poisoning Prevention Division

STATE LEAD CERTIFICATION

NAME: Hassan A. Adib-Samii

DOB: 03/30/61

CLASS CODE: RA

CARD NO.: DC05-2707

EXP DATE: 12/17/06

Dr. Gregg Pane, Acting Director
D.C. DEPT. OF HEALTH
